HIGH ALTITUDE VEHICULAR EMISSION CONTROL PROGRAM

VOLUME VI. THE DATA BASE



FINAL REPORT

JUNE 1975

PREPARED FOR:

STATE OF COLORADO
DEPARTMENT OF HEALTH
DENVER, COLORADO 80220

ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
DENVER, COLORADO 80203

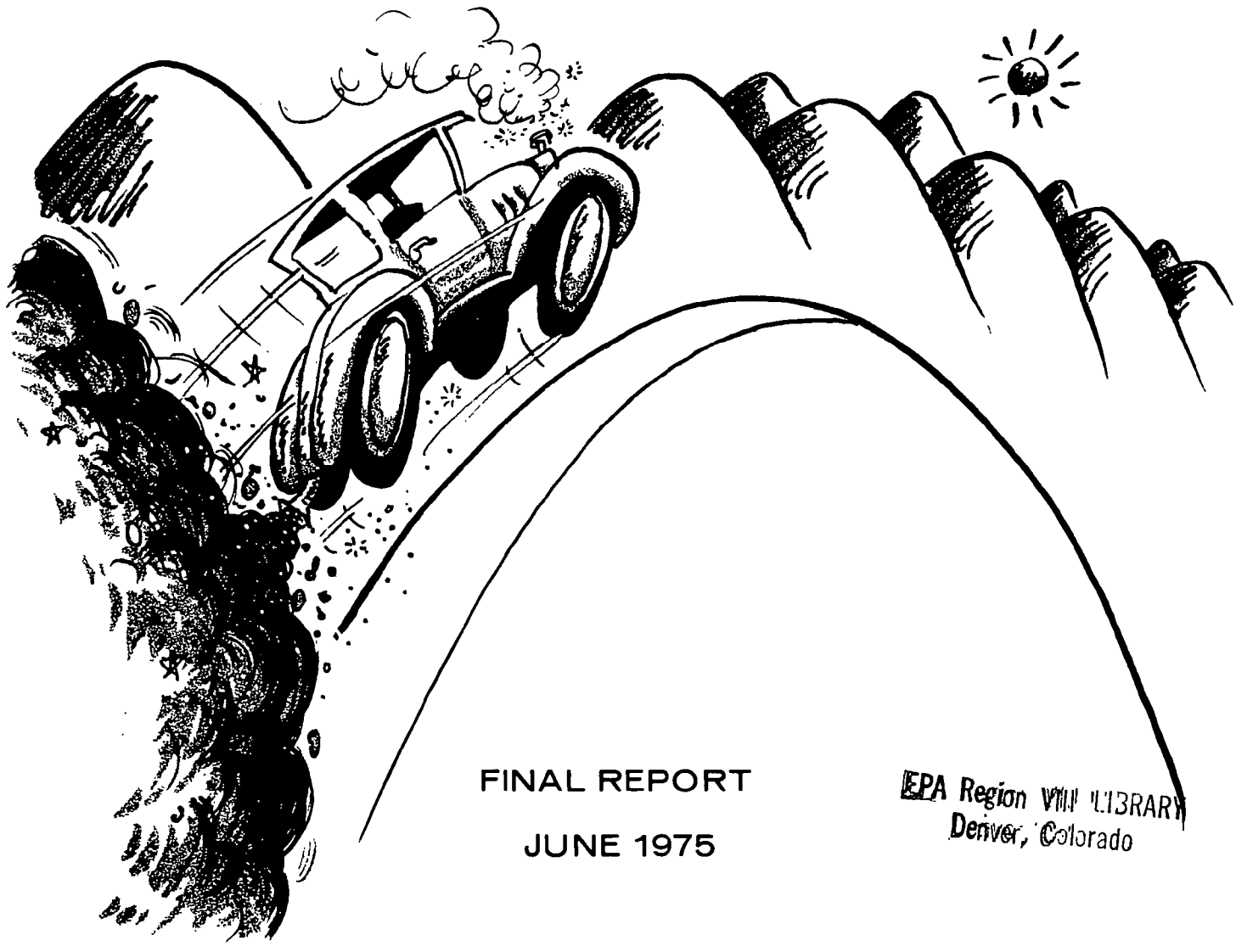
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PREFACE

This report, "High Altitude Vehicular Emission Control Program," consists of seven volumes. Listed in the following are the subtitles given for each volume:

- Volume I - Executive Summary, Final Report, January 1974.
- Volume II - Experimental Characterization of Idle Inspection, Exhaust Control Retrofit and Mandatory Engine Maintenance, Final Report, December, 1973.
- Volume III - Impact of Altitude on Vehicular Exhaust Emissions, Final Report, December, 1973.
- Volume IV - Analysis of Experimental Results, Final Report, December, 1973.
- Volume V - Development of Techniques, Criteria and Standards to Implement a Vehicle Inspection, Maintenance and Modification Program, Final Report December, 1973.
- Volume VI - The Data Base, Final Report, June, 1975.
- Volume VII - Experimental Characterization of Vehicular Emission and Engine Deterioration, Interim Report, June, 1974.

The first volume summarizes the general objectives, approach and results of the study. The second volume presents a detailed description of the experimental programs conducted to define the data base. Volume III reports the methods and analysis used in developing the basic relationships between mass emissions and altitude. A quantitative analysis of the results from the experimental program is presented in Volume IV. The fifth volume provides an analysis of the techniques and criteria required in establishing a vehicle emission control program for the Denver area. The actual data base developed from the experimental

program is given in this volume. Lastly, Volume VII reports the results of the six month deterioration program.

The work presented herein is the product of a joint effort by two consulting firms. Automotive Testing Laboratories (ATL) was responsible for the design and implementation of the basic experiments. TRW provided the data management and analysis of the experimental results.

1.0 INTRODUCTION

The data base outlined in this volume is the result of a vehicle emissions test program conducted in the high altitude environment of the Denver, Colorado area during the period from August, 1973 to November, 1974. The test program, designed to investigate several emission control strategies within the State of Colorado, was funded by the Environmental Protection Agency Region VIII to supplement the Colorado State Emission Control Program.

Test sample selection and administration of the test program was under the direction of Automotive Testing Laboratories, Inc. (ATL). A sample of 300 light duty vehicles, selected to duplicate as closely as possible Colorado registration distributions by make and model year, was assembled by ATL from resident vehicle owner volunteers. TRW, Inc. of Redondo Beach, California, by way of agreement with EPA Region VIII, has assembled computer punch card data supplied by ATL into the format found in this volume.

The data is presented in three sections:

Section I: Initial, six and twelve month data. Test results from those vehicles (109) available for testing throughout the planned test interval.

Section II: Initial and six month data. Test results from those vehicles (165) available through at least the six month point of the test program.

Section III: Initial data. Test results from the initial testing of the original test sample of 300 vehicles.

SECTION I

Section I: Initial, Six and Twelve Month Data

Grouped together in the following pages are the test results of those vehicles in the high altitude vehicular emission control program that were available at all the planned test points of the program. The number of vehicles available for retest diminished during the course of the test for a variety of reasons. Sale or scrappage of a vehicle by its owner eliminated some; loss of interest by owners in the strictly voluntary program resulted in other dropouts. Incentives built into the program did manage to keep the owners of 109 vehicles sufficiently interested to permit retest of their cars at both the six and twelve month test points.

Figure I-1 is a reproduction of a set of data typical of that contained in this section. To assist in making the data usable to investigators, a line by line explanation of the data blocks follows.

1 VEH. NO. 327

2 MAKE TOYOTA MODEL CORO YEAR 70 CYL. 4 CID 113 WEIGHT 2500 TRANS 4 EXH CTRL 1 EVAP CTRL 2 PCV 1

3

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
As received	00.21	+0200	+05	-02	1	1	1	0	1	0	051836
After maint.	00.15	+0270	-04	-05	1	1	1	0	1	0	051836
After 6 mo.	07.40	+0050	+00	+00	1	1	1	0	2	0	060987
After 12 mo.	03.80	+0950	-30	-19	1	1	1	0	1	0	069128

4

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
Tamp. 6 mo.	2	2	2	2	1	2	2	2	2	2	2	2	2	2
Tamp. 12 mo.	2	2	1	1	1	2	2	2	2	2	2	2	2	2

5

	AS RECEIVED				AFTER MAINTENANCE				AFTER SIX MONTHS				AFTER TWELVE MONTHS			
	CT	CS	HT	1975	CT	CS	HT	1975	CT	CS	HT	1975	CT	CS	HT	1975
HC	8.29	4.92	4.46	5.50	6.68	3.44	3.23	4.06	4.73	5.44	4.09	4.92	11.70	13.00	6.89	11.03
CO	135.8	042.0	042.5	061.7	088.4	016.1	023.6	033.3	078.9	116.1	070.0	095.5	168.2	058.8	040.6	076.6
C2	337.2	399.1	324.8	365.6	334.3	433.6	343.1	387.7	305.3	305.9	258.0	292.5	362.3	358.3	297.7	342.4
NX	2.49	3.19	3.24	3.06	2.33	4.09	3.38	3.53	2.72	1.31	1.91	1.77	1.75	2.57	3.26	2.59

6

	IDLE	LO CR	HI CR	2500	IDLE	LO CR	HI CR	2500	IDLE	LO CR	HI CR	2500	IDLE	LO CR	HI CR	2500
HC	5732	2697	2703		1726	2205	2693		7417	5529	3976		5256	4825	4136	
LH	855	302	310		227	258	319		435	384	273		000	000	000	
CO	0.32	0.21	0.39		0.23	0.27	2.00		8.86	4.83	2.40		4.71	5.37	4.06	
NX	132	2299	3654		186	1834	2888		084	599	1994		064	208	751	
HS	400	510	160	110	170	130	170	145	475	450	330	350	000	000	000	000
CS	0.25	0.20	0.40	0.20	0.19	0.27	1.80	2.00	7.50	4.40	2.30	1.90	0.00	0.00	0.00	0.00

7 Test C0978 Date 11/14/73 Test C0982 Date 11/15/73 Test C1166 Date 5/15/74 Test C1277 Date 11/14/74

8 Dry 72 Wet 49 Pres 24.46 Dry 75 Wet 49 Pres 24.77 Dry 80 Wet 53 Pres 24.32 Dry 76 Wet 56 Pres 24.68

9 MPG 18.56 MPG 19.67 MPG 19.45 MPG 17.90

Figure I-1 Typical 12 Month Data

Line (1) Vehicle No.

Each vehicle considered for the program was assigned a number which it retained throughout the program. 327 vehicles were originally considered; 300 received initial emissions inspections; 250 were selected for further testing; 109 completed the twelve month cycle.

Line (2) Vehicle Identification Data

Make, model, model year, number of cylinders, engine displacement in cubic inches, curb weight in pounds is followed by coded data: vehicles with automatic transmissions were coded "TRANS 1," manual transmission equipped cars were coded "TRANS 3" **or** "TRANS 4" corresponding to the number of forward speeds; the remaining three entries identify the presence or absence of the equipment listed, "1" indicates equipment installed,"2" indicates equipment not installed.

Line (3) Test Data Summary

Data from four points in the program are summarized. "AS RECEIVED" indicates data from laboratory screening tests run on all vehicles at the start of the program. Vehicles failing program standards for emissions received corrective maintenance at participating garages and service centers; "AFTER MAINTENANCE" gives results of retest at the laboratory. "AFTER 6 MO" and "AFTER 12 MO" are results of laboratory tests at the end of these intervals.

IDLE CO is given in mole percent carbon monoxide. IDLE RPM, IGNITION TIMING and DWELL in degrees are given as the measured value minus the manufacturer's specification for each parameter.

Following "DWELL" are the coded results of laboratory inspections of six emission related items in question and answer format:

QUESTION	ANSWER
PCV ok? (positive crankcase ventilation)	"0" not applicable; "1" yes; "2" no
A/C ok? (air cleaner)	"1" yes; "2" no
Choke ok? (vacuum kick and heat riser)	"0" not applicable; "1" yes, "2" no
A/P ok? (air pump)	"0" not applicable, "1" yes, "2" no
Misfire?	"1" yes; "2" no
NO_x control ok?	"0" not applicable; "1" yes; "2" no

Odometer readings give total accumulated vehicle mileage at each point in the program.

Line 4 Results of an unauthorized service check made on 14 emission related items. At the program start, vehicle owner volunteers were requested to refrain from having any maintenance on emission related components during the six month period between the initial test and the first retest, unless authorized by the test manager. Paint marks or other identifying marks enabled lab inspectors to identify compliance with the no-maintenance request.

Results are coded: "1" indicates part change and/or readjustment
"2" indicates original part and/or setting intact

The items controlled include:

IG WS = Ignition wires

COIL = Ignition coil

SPRKS = Spark plugs

AIR/F = Air filter

A/C = Air cleaner hold down nut

F/MX S = Carburetor idle mixture screw

IDL/AJ = Idle RPM adjust screw

CHK = Choke setting

Dist AJ = Distributor timing adjustment

PTS AJ = Distributor point gap adjustment

RTR = Distributor rotor

DST CAP = Distributor cap

RPV = Positive crankcase ventilation system

Note: At the six month retest point items found with tampering were re-marked to permit detection of maintenance during the next six months interval. Also, vehicle owners were not asked to refrain from performing emission related service during the second six month interval. In fact, most were not aware that they would be called in for retest at the twelve month point.

Line (5) Federal Test Procedure Data

Laboratory standard exhaust emission tests were performed according to procedures prescribed in the Federal Register, Volume 38, Number 124, Part III, Dated June 28, 1973. Listed are CT (Cold Transient), CS (Cold Stabilized), HT (Hot Transient) and 1975 (Final test results calculated from preceding

values). The units for CT, CS and HT are grams/test phase. The final result is given in grams/vehicle mile.

Recorded are readings for "HC" (hydrocarbons), "CO" (carbon monoxide), "C2" (carbon dioxide) and NX (nitrogen oxides). Readings "As Received" and "After Maintenance" will be identical for those vehicles passing the test standards during their initial idle inspections.

Line (6) Emission Test Summary

Additional lab tests were performed using idle and loaded modes of vehicle operation. The first three columns in each set give the results of dynamometer testing using procedures prescribed by Clayton Manufacturing Company with the vehicles in an "IDLE" mode, "LO CR" (low cruise) and "HI CR" (high cruise) modes. An unloaded test with engine RPM set to 2500 RPM completes the listing.

Data is recorded for:

HC = ppm carbon using flame ionization detector (Beckman 400)

LH = ppm hydrocarbons as hexane using non-dispersive infrared instrumentation (Beckman 315A)

CO = mole % carbon monoxide using non-dispersive infrared instrumentation (Beckman 315A)

NX = ppm oxides of nitrogen as NO using chemiluminescent detector (Thermo Electron 10A)

HS = ppm hydrocarbons as hexane using non-dispersive infrared instrumentation (Sun EPA 75)

CS = mole % carbon monoxide using non-dispersive infrared instrumentation (Sun EPA 75)

Note: HS and CS measurements were discontinued after the six month point.

Line (7) Test Sequence Numbering and Test Date Information

Line (8) Dry and Wet Bulb Temperatures in Degrees F. and Barometric Pressure in Inches of Mercury (Uncorrected to Sea Level).

Line (9) Fuel Economy in Miles Per Gallon Calculated From Federal Emission Test Data

MAKE CHRYSLER MODEL STAW YEAR 67 CYL. 8 CID 383 WEIGHT 5000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.85	+0140	+00	+04	1	1	1	0	2	0	063004
AFTER MAINT	03.85	+0140	+00	+04	1	1	1	0	2	0	063004
AFTER 6 MO	00.13	+0080	+00	+05	1	1	1	0	2	0	066203
AFTER 12 MO	02.80	-0025	-02	+05	1	1	1	0	2	0	068761

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	1	1	2	2	1	2	2	2	2	2	2
TAMP. 12 MO	1	2	1	1	1	2	2	2	1	2	2	2	2	2

AS RECEIVED					AFTER MAINTENANCE				AFTER 6 MONTHS				AFTER 12 MONTHS			
	CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975
HC	17.12	5.27	4.84	7.63	HC	17.12	5.27	4.84	7.63	HC	10.78	5.80	5.00	6.62	HC	9.34	5.67	5.23	6.32
CO	233.0	091.8	078.7	117.7	CO	233.0	091.8	078.7	117.7	CO	206.2	110.9	092.5	125.8	CO	171.6	088.5	092.5	107.0
C2	499.4	562.4	511.7	535.1	C2	499.4	562.4	511.7	535.1	C2	555.5	585.7	502.7	556.4	C2	538.0	562.1	485.1	535.7
NX	1.90	2.04	2.97	2.27	NX	1.90	2.04	2.97	2.27	NX	1.58	1.78	2.15	1.84	NX	1.93	1.89	2.33	2.02
	IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500
HC	4076	3862	3679	FIL	HC	4076	3862	3679		HC	4319	3463	3723		HC	9781	3971	3496	
LH	484	330	273		LH	484	330	273		LH	2368	1035	683		LH	000	000	000	
CO	4.25	3.50	3.86		CO	4.25	3.50	3.86		CO	2.98	2.17	4.03		CO	2.99	3.27	3.29	
NX	092	1032	1465		NX	092	1032	1465		NX	104	1062	1200		NX	067	434	1169	
HS	380	360	230	140	HS	380	360	230	140	HS	280	250	230	100	HS	000	000	000	000
CS	4.10	3.50	4.10	3.30	CS	4.10	3.50	4.10	3.30	CS	2.20	2.40	3.80	2.80	CS	0.00	0.00	0.00	0.00

AS RECEIVED	AFTER MAINTENANCE	AFTER 6 MONTHS	AFTER 12 MONTHS
TEST C0017 DATE 8/10/73	TEST C0017 DATE 8/10/73	TEST C0996 DATE 2/12/74	TEST C1174 DATE 8/14/74
DRY 78 WET 55 PRES 24.75	DRY 78 WET 55 PRES 24.75	DRY 69 WET 49 PRES 24.56	DRY 82 WET 62 PRES 24.71
MPG 11.97	MPG 11.97	MPG 11.50	MPG 12.31

MAKE CHEVROLET MODEL CHE2 YEAR 64 CYL. 6 CID 194 WEIGHT 3000 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.09	-0100	-12	+02	1	1	1	0	2	0	049237
AFTER MAINT	00.09	-0100	-12	+02	1	1	1	0	2	0	049237
AFTER 6 MO	00.25	+0160	+00	+05	1	2	1	0	1	0	052547
AFTER 12 MO	00.19	+0315	+04	+04	1	2	1	0	2	0	056036

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	2	1	2	2	2	1	1	1

AS RECEIVED					AFTER MAINTENANCE					AFTER 6 MONTHS					AFTER 12 MONTHS				
	CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975
HC	13.48	9.31	7.02	9.55	HC	13.48	9.31	7.02	9.55	HC	9.75	6.84	7.39	7.60	HC	10.86	7.68	6.34	7.97
CO	109.0	107.9	075.0	099.0	CO	109.0	107.9	075.0	099.0	CO	114.0	090.0	082.0	092.8	CO	096.0	096.3	074.5	090.2
C2	280.5	263.1	247.6	262.5	C2	280.5	263.1	247.6	262.5	C2	308.2	292.7	270.1	289.7	C2	273.7	253.3	240.6	254.0
NX	1.80	0.99	1.73	1.37	NX	1.80	0.99	1.73	1.37	NX	2.15	1.58	2.06	1.83	NX	2.41	1.29	2.16	1.77
	IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500
HC	6665	4288	5044		HC	6665	4288	5044		HC	3328	3947	5248		HC	5273	5958	5615	
LH	958	431	502		LH	958	431	502		LH	382	482	579		LH	000	000	000	
CO	0.14	2.83	10.20		CO	0.14	2.83	10.20		CO	0.29	2.71	9.16		CO	0.23	3.68	6.00	
NX	043	2071	176		NX	043	2071	176		NX	074	1704	260		NX	078	1017	911	
HS	640	365	415	365	HS	640	365	415	365	HS	240	435	455	1200	HS	000	000	000	000
CS	0.15	2.90	9.80	4.30	CS	0.15	2.90	9.80	4.30	CS	0.23	2.60	8.50	2.90	CS	0.00	0.00	0.00	0.00

TEST C0018 DATE 8/10/73	TEST C0018 DATE 8/10/73	TEST C0993 DATE 2/12/74	TEST C1172 DATE 8/13/74
DRY 78 WET 56 PRES 24.75	DRY 78 WET 56 PRES 24.75	DRY 68 WET 47 PRES 24.55	DRY 80 WET 62 PRES 24.73
MPG 19.87	MPG 19.87	MPG 19.38	MPG 21.16

MAKE FORD MODEL STAW YEAR 67 CYL. 8 CID 289 WEIGHT 3500 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	08.60	-0075	+00	+00	1	1	1	0	2	0	060240
AFTER MAINT	05.91	+0000	+00	+00	1	1	1	0	2	0	060240
AFTER 6 MO	06.40	-0005	-02	-04	1	1	1	0	2	0	062504
AFTER 12 MO	07.30	-0005	+00	+02	1	1	1	0	2	0	065644

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	1	1	1	1	2
TAMP. 12 MO	2	2	1	2	1	2	1	2	1	1	1	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	13.66	15.31	9.79	13.43
CO	126.5	171.4	115.2	146.4
C2	331.4	303.4	276.4	301.8
NX	1.09	0.40	0.87	0.67

	IDLE	LO CR	HI CR	2500
HC	19106	5136	5100	
LH	848	589	613	
CO	8.87	4.35	4.95	
NX	014	687	604	
HS	720	460	485	345
CS	9.40	4.50	4.90	5.90

TEST C0021 DATE 8/13/73

DRY 77 WET 60 PRES 24.94

MPG 15.51

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.24	9.62	8.13	9.13
CO	095.7	109.0	120.7	109.4
C2	363.6	351.6	291.1	334.5
NX	1.26	0.60	0.71	0.77

	IDLE	LO CR	HI CR	2500
HC	6671	4644	4162	
LH	605	562	478	
CO	6.53	4.05	4.24	
NX	034	675	570	
HS	800	900	720	680
CS	6.00	4.20	4.50	6.00

TEST C0055 DATE 8/15/73

DRY 78 WET 57 PRES 24.76

MPG 16.64

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	13.63	16.65	12.00	14.73
CO	150.1	197.8	149.9	174.5
C2	327.6	340.0	268.8	317.7
NX	0.65	0.27	0.41	0.39

	IDLE	LO CR	HI CR	2500
HC	10655	4761	4805	
LH	755	568	622	
CO	8.63	5.39	5.47	
NX	012	358	430	
HS	465	415	430	430
CS	6.20	4.45	4.60	6.20

TEST C1004 DATE 2/15/74

DRY 70 WET 49 PRES 24.65

MPG 13.95

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	13.07	11.97	9.81	11.60
CO	146.4	184.6	139.7	164.2
C2	365.0	342.0	304.6	336.5
NX	0.99	0.35	0.74	0.59

	IDLE	LO CR	HI CR	2500
HC	9001	6374	5142	
LH	000	000	000	
CO	7.73	5.23	5.22	
NX	031	235	253	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1177 DATE 8/16/74

DRY 79 WET 55 PRES 24.86

MPG 14.11

MAKE FORD MODEL FALC YEAR 67 CYL. 8 CID 289 WEIGHT 3000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.10	+0045	+00	+00	1	2	1	0	2	0	059003
AFTER MAINT	06.10	+0045	+00	+00	1	2	1	0	2	0	059003
AFTER 6 MO	00.26	+0045	+00	+00	1	1	1	0	2	0	065707
AFTER 12 MO	07.60	-0175	-06	+00	1	2	1	0	2	0	071118

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	1	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	1	2	1	2	1	2	2	1	2	1	2	1

AS RECEIVED

	CT	CS	HT	1975
HC	7.47	7.38	6.23	7.08
CO	096.9	134.8	106.0	118.9
C2	398.8	362.8	332.0	361.8
NX	2.50	1.10	1.67	1.55

	IDLE	LO CR	HI CR	2500
HC	5167	5372	5561	
LH	600	672	618	
CO	6.52	4.22	7.52	
NX	070	894	293	
HS	450	560	500	365
CS	6.50	4.20	7.80	6.40

TEST C0022 DATE 8/13/73

DRY 76 WET 59 PRES 24.94

MPG 15.60

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.47	7.38	6.23	7.08
CO	096.9	134.8	106.0	118.9
C2	398.8	362.8	332.0	361.8
NX	2.50	1.10	1.67	1.55

	IDLE	LO CR	HI CR	2500
HC	5167	5372	5561	
LH	600	672	618	
CO	6.52	4.22	7.52	
NX	070	894	293	
HS	450	560	500	365
CS	6.50	4.20	7.80	6.40

TEST C0022 DATE 8/13/73

DRY 76 WET 59 PRES 24.94

MPG 15.60

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	7.32	7.12	6.08	6.87
CO	109.9	146.5	118.6	131.1
C2	425.7	401.3	350.2	392.2
NX	1.91	0.95	1.28	1.24

	IDLE	LO CR	HI CR	2500
HC	5574	6216	5257	
LH	2586	1414	939	
CO	7.80	5.79	7.36	
NX	052	442	274	
HS	410	600	420	390
CS	1.80	5.20	7.00	5.50

TEST C0995 DATE 2/12/74

DRY 69 WET 49 PRES 24.56

MPG 14.37

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	7.78	7.99	7.53	7.92
CO	128.0	166.9	148.2	153.6
C2	383.0	342.1	304.4	340.2
NX	1.78	0.70	0.86	0.97

	IDLE	LO CR	HI CR	2500
HC	6484	9819	6401	
LH	000	000	000	
CO	7.84	8.23	5.12	
NX	053	145	690	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1171 DATE 8/13/74

DRY 80 WET 63 PRES 24.75

MPG 14.69

MAKE CHEVROLET MODEL BISC YEAR 66 CYL. 8 CID 283 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.30	+0190	-18	-01	1	2	2	0	2	0	051045
AFTER MAINT	04.88	+0000	+00	+00	1	1	1	0	2	0	051045
AFTER 6 MO	00.63	-0150	+00	+01	1	1	1	0	2	0	055894
AFTER 12 MO	00.60	-0050	+02	-03	1	1	1	0	2	0	061227

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	1	1	1	1	1	1	1	1	1	1	1	2	1	2
TAMP. 12 MO	2	1	2	1	1	2	2	2	2	1	1	1	1	1

AS RECEIVED

	CT	CS	HT	1975
HC	16.09	9.43	8.02	10.43
CO	211.5	169.6	148.8	172.6
C2	385.7	370.5	339.2	365.0
NX	2.18	1.21	1.67	1.54

	IDLE	LO CR	HI CR	2500
HC	6007	5153	4177	
LH	746	610	425	
CO	6.77	6.09	4.01	
NX	082	647	1723	
HS	590	440	295	420
CS	6.70	5.80	4.10	5.90

TEST C0020 DATE 8/13/73

DRY 75 WET 62 PRES 24.94

MPG 13.31

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	14.13	7.39	7.82	8.92
CO	209.6	154.1	141.8	162.3
C2	376.1	368.7	330.5	359.7
NX	1.51	0.92	1.34	1.16

	IDLE	LO CR	HI CR	2500
HC	5677	4618	4323	
LH	641	499	464	
CO	5.98	5.00	5.29	
NX	056	685	812	
HS	710	720	515	565
CS	5.00	4.90	5.20	5.00

TEST C0074 DATE 8/18/73

DRY 74 WET 61 PRES 24.77

MPG 13.86

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	7.73	7.05	7.14	7.22
CO	193.1	176.0	173.1	178.8
C2	472.2	433.6	395.9	431.2
NX	0.62	0.84	1.33	0.93

	IDLE	LO CR	HI CR	2500
HC	3624	4302	6004	
LH	276	292	396	
CO	0.80	3.95	11.23	
NX	077	301	050	
HS	420	460	500	480
CS	0.70	4.00	2.00	5.20

TEST C1013 DATE 2/21/74

DRY 68 WET 48 PRES 24.53

MPG 12.12

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	51.32	43.51	37.08	43.36
CO	261.0	237.6	207.8	234.2
C2	465.8	455.4	372.1	434.5
NX	0.96	0.60	0.69	0.70

	IDLE	LO CR	HI CR	2500
HC	19285	24218	29138	
LH	000	000	000	
CO	0.75	3.36	9.55	
NX	115	454	088	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1184 DATE 9/22/74

DRY 79 WET 62 PRES 24.86

MPG 9.48

MAKE CHRYSLER MODEL NEWP YEAR 64 CYL. 8 CID 361 WEIGHT 4500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.90	+0220	+00	+03	1	2	1	0	2	0	099340
AFTER MAINT	01.08	+0190	+00	+03	1	2	1	0	2	0	099340
AFTER 6 MO	04.63	+0100	+02	+03	1	1	1	0	2	0	102762
AFTER 12 MO	04.20	+0095	+01	+01	1	2	1	0	2	0	104734

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	1	2	1	1	1	2	2	2	2	2	2	2	1	2
TAMP. 12 MO	1	2	1	1	2	1	2	2	2	1	2	1	1	2

AS RECEIVED

	CT	CS	HT	1975
HC	11.18	6.81	6.43	7.62
CO	271.2	210.1	203.7	221.1
C2	443.0	459.3	382.8	434.7
NX	0.62	0.57	0.59	0.59

	IDLE	LO CR	HI CR	2500
HC	6111	5267	4944	
LH	765	552	466	
CO	7.39	9.52	9.12	
NX	066	130	192	
HS	520	385	300	220
CS	7.30	9.10	8.80	9.30

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.25	4.57	4.70	5.59
CO	223.7	086.5	123.6	125.5
C2	433.5	491.5	403.3	454.9
NX	0.92	1.27	1.13	1.16

	IDLE	LO CR	HI CR	2500
HC	3208	4252	4305	
LH	343	442	410	
CO	1.20	6.53	6.99	
NX	163	348	544	
HS	600	740	710	320
CS	1.20	6.50	7.10	5.20

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	13.21	6.48	6.14	7.80
CO	272.7	144.8	154.7	174.3
C2	424.7	455.8	385.9	429.9
NX	0.96	1.70	1.44	1.47

	IDLE	LO CR	HI CR	2500
HC	3961	4890	4740	
LH	554	665	572	
CO	4.39	6.50	7.27	
NX	070	441	399	
HS	420	520	400	400
CS	4.60	6.00	6.80	7.20

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	14.82	7.13	6.37	8.53
CO	254.9	134.8	143.5	162.4
C2	416.2	418.0	368.3	403.9
NX	0.85	1.76	1.53	1.50

	IDLE	LO CR	HI CR	2500
HC	5376	5705	6233	
LH	000	000	000	
CO	5.02	3.54	7.32	
NX	066	1032	480	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C0024 DATE 8/13/73 TEST C0042 DATE 8/15/73 TEST C1003 DATE 2/14/74 TEST C1175 DATE 8/15/74

DRY 78 WET 58 PRES 24.93 DRY 78 WET 58 PRES 24.78 DRY 72 WET 54 PRES 24.55 DRY 78 WET 63 PRES 24.80

MPG 11.05 MPG 13.30 MPG 12.23 MPG 12.99

MAKE CADILLAC MODEL DEVI YEAR 65 CYL. 8 CID 429 WEIGHT 5000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.95	+0020	+00	+01	1	1	1	0	2	0	084961
AFTER MAINT	05.95	+0020	+00	+01	1	1	1	0	2	0	084961
AFTER 6 MO	05.91	+0090	+01	+00	1	1	1	0	2	0	088884
AFTER 12 MO	04.40	+0020	+00	+00	1	1	1	0	2	0	092949

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	7.39	5.88	5.22	6.01
CO	099.8	083.8	075.9	085.0
C2	578.1	539.5	493.2	534.8
NX	4.50	4.60	4.35	4.51

	IDLE	LO CR	HI CR	2500
HC	4859	3516	3263	
LH	518	329	251	
CO	6.36	0.83	1.60	
NX	073	2162	1995	
HS	370	235	165	125
CS	6.10	0.80	1.70	1.05

TEST C0029 DATE 8/14/73

DRY 73 WET 56 PRES 24.80

MPG 12.96

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.39	5.88	5.22	6.01
CO	099.8	083.8	075.9	085.0
C2	578.1	539.5	493.2	534.8
NX	4.50	4.60	4.35	4.51

	IDLE	LO CR	HI CR	2500
HC	4859	3516	3263	
LH	518	329	251	
CO	6.36	0.83	1.60	
NX	073	2162	1995	
HS	370	235	165	125
CS	6.10	0.80	1.70	1.05

TEST C0029 DATE 8/14/73

DRY 73 WET 56 PRES 24.80

MPG 12.96

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	7.92	5.67	5.05	5.97
CO	108.8	082.3	073.4	085.4
C2	628.7	552.4	532.3	562.8
NX	4.26	4.02	4.05	4.08

	IDLE	LO CR	HI CR	2500
HC	4784	3066	2825	
LH	706	437	366	
CO	5.96	0.51	1.43	
NX	050	1853	1723	
HS	610	320	240	200
CS	5.60	0.90	1.40	1.20

TEST C1000 DATE 2/14/74

DRY 68 WET 50 PRES 24.51

MPG 12.44

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	5.90	4.89	4.47	4.98
CO	083.3	056.6	060.8	063.3
C2	569.9	525.1	505.1	528.9
NX	5.51	5.81	5.56	5.67

	IDLE	LO CR	HI CR	2500
HC	5262	3124	3051	
LH	000	000	000	
CO	4.57	0.65	1.78	
NX	074	2014	2306	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1178 DATE 8/16/74

DRY 82 WET 65 PRES 24.85

MPG 13.83

MAKE MERCURY MODEL MONR YEAR 65 CYL. 8 CID 390 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.01	-0025	+00	+02	2	2	2	0	1	0	072548
AFTER MAINT	01.01	-0025	+00	+02	2	2	2	0	1	0	072548
AFTER 6 MO	00.47	+0005	+00	+03	1	2	1	0	2	0	077869
AFTER 12 MO	00.06	-0125	+00	-03	1	1	1	0	2	0	080454

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	1	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	1	2	2	1	2	2	1	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	10.43	6.54	6.28	7.28
CO	178.0	093.7	093.5	111.3
C2	486.6	501.9	440.2	481.6
NX	1.56	1.54	1.90	1.64

	IDLE	LO CR	HI CR	2500
HC	5150	4646	4065	
LH	747	527	356	
CO	1.17	4.51	2.74	
NX	144	849	1479	
HS	950	510	334	390
CS	1.15	4.35	2.65	5.50

TEST C0030 DATE 8/14/73

DRY 76 WET 55 PRES 24.78

MPG 13.11

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	10.43	6.54	6.28	7.28
CO	178.0	093.7	093.5	111.3
C2	486.6	501.9	440.2	481.6
NX	1.56	1.54	1.90	1.64

	IDLE	LO CR	HI CR	2500
HC	5150	4646	4065	
LH	747	527	356	
CO	1.17	4.51	2.74	
NX	144	849	1479	
HS	950	510	334	390
CS	1.15	4.35	2.65	5.50

TEST C0030 DATE 8/14/73

DRY 76 WET 55 PRES 24.78

MPG 13.11

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	24.06	8.24	11.34	12.41
CO	224.5	150.9	132.2	161.1
C2	532.5	531.6	476.6	516.5
NX	1.20	0.73	1.32	0.99

	IDLE	LO CR	HI CR	2500
HC	6070	4626	4163	
LH	1084	553	434	
CO	0.43	4.57	3.76	
NX	100	539	719	
HS	1000	500	380	400
CS	0.70	4.80	4.40	6.00

TEST C1001 DATE 2/14/74

DRY 70 WET 51 PRES 24.51

MPG 11.01

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	13.62	11.39	8.21	10.98
CO	182.0	078.5	091.9	103.9
C2	560.7	575.9	505.8	553.3
NX	1.42	1.45	1.83	1.55

	IDLE	LO CR	HI CR	2500
HC	14767	6831	4551	
LH	000	000	000	
CO	0.08	3.13	1.88	
NX	102	409	1319	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1170 DATE 8/13/74

DRY 81 WET 62 PRES 24.75

MPG 11.86

MAKE OLDSMOBILE MODEL STAW YEAR 64 CYL. 8 CID 330 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	11.20	+0000	+03	-10	0	2	2	0	2	0	089020
AFTER MAINT	05.93	+0000	+00	+00	0	1	1	0	2	0	089020
AFTER 6 MO	00.26	+0000	+00	+00	0	2	1	0	1	0	091508
AFTER 12 MO	01.60	-0100	-03	+00	0	1	1	0	2	0	093813

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	14.56	17.39	12.17	15.35
CO	195.4	206.0	199.6	202.0
C2	468.1	395.3	402.8	412.6
NX	2.28	1.05	1.66	1.47

	IDLE	LO CR	HI CR	2500
HC	38839	5481	5504	
LH	1373	613	541	
CO	10.09	7.18	9.08	
NX	005	356	305	
HS	1720	535	500	800
CS	20.00	7.40	9.80	5.20

TEST C0035 DATE 8/15/73

DRY 68 WET 55 PRES 24.87

MPG 11.44

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.72	7.18	6.25	7.45
CO	184.0	190.7	161.4	181.2
C2	484.7	440.5	401.6	439.0
NX	1.16	0.59	0.90	0.90

	IDLE	LO CR	HI CR	2500
HC	5507	4535	5153	
LH	666	483	490	
CO	6.32	5.84	10.19	
NX	052	280	116	
HS	890	560	560	350
CS	6.20	5.80	10.00	3.90

TEST C0096 DATE 8/21/73

DRY 76 WET 57 PPES 24.80

MPG 11.92

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	8.58	6.31	5.28	6.50
CO	184.7	181.3	150.9	173.6
C2	446.1	403.3	378.1	405.3
NX	0.69	0.42	0.76	0.57

	IDLE	LO CR	HI CR	2500
HC	9664	4060	4716	
LH	3207	1074	803	
CO	6.04	4.41	10.58	
NX	021	368	102	
HS	520	310	300	280
CS	4.90	3.80	9.40	4.80

TEST C1007 DATE 2/18/74

DRY 73 WET 55 PRES 24.61

MPG 12.75

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	45.59	35.18	29.71	35.84
CO	179.6	192.8	157.1	180.1
C2	446.2	413.1	368.9	407.7
NX	1.08	0.54	0.83	0.73

	IDLE	LO CR	HI CR	2500
HC	17970	18401	20076	
LH	000	000	000	
CO	1.72	2.96	9.46	
NX	073	468	108	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1173 DATE 8/14/74

DRY 78 WET 60 PRES 24.71

MPG 11.07

MAKE PONTIAC MODEL TEMP YEAR 65 CYL. 8 CID 326 WEIGHT 3500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	07.30	-0010	-12	+02	1	1	1	0	2	0	059585
AFTER MAINT	05.99	+0000	+00	+00	1	1	1	0	2	0	059585
AFTER 6 MO	06.88	+0060	+02	+02	1	1	1	0	2	0	062471
AFTER 12 MO	08.30	-0030	+00	+00	1	1	1	0	2	0	065866

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	1	1	2	1	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	15.56	10.61	8.81	11.15
CO	234.1	193.7	163.8	193.9
C2	396.4	366.8	328.7	362.4
NX	0.71	0.52	0.72	0.61

	IDLE	LO CR	HI CR	2500
HC	8490	4474	5992	
LH	845	463	632	
CO	8.41	3.02	11.41	
NX	035	529	097	
HS	760	360	520	375
CS	8.20	3.20	20.00	5.15

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.76	8.23	7.28	8.29
CO	174.6	160.4	144.1	158.9
C2	371.7	385.1	339.0	369.5
NX	1.07	0.73	1.08	0.90

	IDLE	LO CR	HI CR	2500
HC	5785	4752	5187	
LH	699	521	544	
CO	6.45	2.75	6.78	
NX	074	913	374	
HS	1200	790	800	650
CS	6.20	3.10	7.00	4.80

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	14.82	11.30	9.10	11.43
CO	218.3	198.5	177.7	196.9
C2	420.8	406.2	350.5	393.8
NX	0.98	0.60	0.70	0.71

	IDLE	LO CR	HI CR	2500
HC	6821	4985	5250	
LH	893	582	575	
CO	7.64	3.56	6.54	
NX	047	662	349	
HS	800	440	440	460
CS	7.40	3.80	1.70	5.20

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	14.53	13.07	9.74	12.45
CO	192.4	175.1	157.6	173.9
C2	395.4	360.9	333.3	360.4
NX	1.08	0.65	0.88	0.80

	IDLE	LO CR	HI CR	2500
HC	16372	7593	5546	
LH	000	000	000	
CO	8.51	6.46	5.24	
NX	011	073	193	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C0036 DATE 8/15/73 TEST C0070 DATE 8/17/73 TEST C1002 DATE 2/14/74 TEST C1176 DATE 8/15/74

DRY 68 WET 54 PRES 24.87 DRY 71 WET 56 PRES 24.77 DRY 72 WET 53 PRES 24.55 DRY 82 WET 64 PRES 24.79

MPG 12.68 MPG 13.80 MPG 12.05 MPG 13.24

MAKE CHEVRCLET MODEL IMPA YEAR 64 CYL. 8 CID 327 WEIGHT 3500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.10	+0030	+00	+01	0	2	2	0	2	0	060672
AFTER MAINT	02.60	-0025	+01	+02	0	1	1	0	2	0	060672
AFTER 6 MO	03.21	+0000	+01	+04	0	1	1	0	2	0	065860
AFTER 12 MO	06.10	+0050	-02	-05	0	1	2	0	2	0	072427

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	1	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.85	8.91	6.72	8.24
CO	143.5	171.3	126.0	152.9
C2	419.8	367.6	361.2	376.5
NX	2.00	0.75	1.64	1.26

	IDLE	LO CR	HI CR	2500
HC	5797	5178	4202	
LH	657	588	419	
CO	6.65	6.46	3.05	
NX	064	359	1461	
HS	670	550	360	405
CS	6.45	6.60	3.40	6.20

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	8.02	8.04	7.55	7.90
CO	139.0	169.4	126.0	151.0
C2	395.9	337.1	323.5	345.6
NX	2.36	0.56	1.68	1.25

	IDLE	LO CR	HI CR	2500
HC	8504	6115	4185	
LH	898	656	392	
CO	3.90	8.55	1.86	
NX	048	178	2017	
HS	1050	940	500	780
CS	3.00	8.50	2.00	8.50

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	10.89	11.01	7.19	9.93
CO	158.6	192.3	144.3	171.9
C2	339.3	247.5	247.0	266.6
NX	1.52	0.30	0.78	0.69

	IDLE	LO CR	HI CR	2500
HC	10032	7849	4366	
LH	1084	962	516	
CO	5.96	4.83	3.75	
NX	033	134	893	
HS	460	560	400	480
CS	2.80	8.10	3.80	7.40

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	10.06	9.16	6.85	8.71
CO	168.1	209.0	156.6	185.9
C2	371.8	292.3	296.1	310.0
NX	1.55	0.27	0.87	0.70

	IDLE	LO CR	HI CR	2500
HC	10173	8729	6139	
LH	000	000	000	
CO	7.26	10.30	6.52	
NX	039	092	413	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C0038 DATE 8/15/73 TEST C0073 DATE 8/18/73 TEST C1008 DATE 2/19/74 TEST C1183 DATE 8/21/74

DRY 71 WET 55 PRES 24.87 DRY 74 WET 62 PRES 24.76 DRY 68 WET 49 PRES 24.26 DRY 84 WET 62 PRES 24.83

MPG 13.86 MPG 14.66 MPG 15.68 MPG 14.15

MAKE FORD MODEL FAIR YEAR 64 CYL. 8 CID 289 WEIGHT 3500 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.57	-0137	+06	+05	2	2	1	0	1	0	052629
AFTER MAINT	08.24	+0000	+00	+00	1	1	1	0	2	0	052529
AFTER 6 MO	00.32	+0060	+00	+03	1	1	1	0	2	0	054696
AFTER 12 MO	08.34	-0050	+00	-05	1	1	1	0	2	0	056552

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	1	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	1	1	1	2	2	2	2	1	1	1	1	2

AS RECEIVED				AFTER MAINTENANCE				AFTER 6 MONTHS				AFTER 12 MONTHS			
	CT	CS	HT	1975	CT	CS	HT	1975	CT	CS	HT	1975	CT	CS	HT	1975
HC	9.16	9.67	7.09	8.85	12.06	14.33	9.48	12.51	13.72	19.66	10.81	15.96	11.56	12.31	8.45	11.08
CO	113.0	152.7	098.8	129.5	119.9	176.1	109.2	145.8	139.2	207.0	124.2	169.8	133.5	173.4	122.2	150.8
C2	459.1	422.5	393.4	422.1	393.2	369.7	343.8	367.4	418.0	380.8	342.7	378.0	412.5	371.2	369.0	379.2
NX	2.66	1.06	2.04	1.67	1.39	0.72	1.30	1.02	1.58	0.84	1.24	1.11	1.16	0.56	0.98	0.80
	IDLE	LO CR	HI CR	2500	IDLE	LO CR	HI CR	2500	IDLE	LO CR	HI CR	2500	IDLE	LO CR	HI CR	2500
HC	5717	4199	3958		17426	3696	3693		19598	5321	4244		9026	4002	4009	
LH	802	435	441		809	383	414		2276	1119	705		000	000	000	
CO	0.71	3.93	3.28		8.51	3.38	3.23		10.44	4.23	3.83		8.42	3.54	3.49	
NX	049	577	1453		019	265	980		000	343	747		031	283	697	
HS	1620	495	525	340	1020	300	350	210	730	400	340	260	000	000	000	000
CS	0.70	3.95	3.30	4.40	9.20	3.50	3.30	4.00	9.60	3.50	3.30	4.60	0.00	0.00	0.00	0.00

TEST C0045 DATE 8/16/73 TEST C0105 DATE 8/22/73 TEST C1005 DATE 2/18/74 TEST C1179 DATE 9/19/74

DRY 72 WET 54 PRES 24.78 DRY 76 WET 59 PRES 24.80 DRY 73 WET 55 PRES 24.61 DRY 86 WET 60 PRES 24.58

MPG 13.63 MPG 14.00 MPG 12.81 MPG 13.68

MAKE FORD MODEL GALA YEAR 66 CYL. 8 CID 390 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.00	+0120	+04	+01	1	1	1	0	2	0	054529
AFTER MAINT	03.00	+0120	+04	+01	1	1	1	0	2	0	054529
AFTER 6 MO	08.19	+0030	+00	+02	1	1	1	0	2	0	056204
AFTER 12 MO	07.10	-0130	-01	-03	1	1	1	0	2	0	058645

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	1	2	1	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	9.06	8.04	7.22	8.02
CO	190.8	172.6	139.8	167.3
C2	671.6	593.2	596.6	610.5
NX	4.38	2.25	4.45	3.31

	IDLE	LO CR	HI CR	2500
HC	3745	4115	3575	
LH	434	426	299	
CO	3.76	4.75	3.59	
NX	105	1017	1919	
HS	560	520	345	485
CS	3.15	4.40	3.45	6.00

TEST C0049 DATE 8/15/73

DRY 78 WET 57 PRES 24.77

MPG 9.91

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.06	8.04	7.22	8.02
CO	190.8	172.6	139.8	167.3
C2	671.6	593.2	596.6	610.5
NX	4.38	2.25	4.45	3.31

	IDLE	LO CR	HI CR	2500
HC	3745	4115	3575	
LH	434	426	299	
CO	3.76	4.75	3.59	
NX	105	1017	1919	
HS	560	520	345	485
CS	3.15	4.40	3.45	6.00

TEST C0049 DATE 8/16/73

DRY 78 WET 57 PRES 24.77

MPG 9.91

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	13.72	14.52	11.25	13.45
CO	190.7	214.7	166.6	196.3
C2	481.1	440.9	413.9	441.9
NX	3.32	1.99	2.94	2.53

	IDLE	LO CR	HI CR	2500
HC	5374	5017	4549	
LH	361	387	326	
CO	7.62	5.96	4.78	
NX	025	184	409	
HS	700	660	420	800
CS	7.80	6.00	4.80	7.20

TEST C1012 DATE 2/20/74

DRY 76 WET 65 PRES 24.30

MPG 11.23

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	12.65	12.85	9.85	11.98
CO	223.3	252.9	193.6	230.3
C2	485.7	464.7	428.8	459.1
NX	1.74	1.04	1.36	1.28

	IDLE	LO CR	HI CR	2500
HC	5591	6332	5269	
LH	000	000	000	
CO	7.26	9.07	6.37	
NX	056	219	615	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1181 DATE 8/20/74

DRY 80 WET 59 PRES 24.58

MPG 10.37

MAKE FORD MODEL CUST YEAR 68 CYL. 8 CID 302 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	02.80	+0050	+06	+03	2	1	1	0	2	0	019445
AFTER MAINT	01.79	+0000	+00	+00	1	1	1	0	2	0	019445
AFTER 6 MO	02.94	+0050	+01	+00	1	1	1	0	2	0	020993
AFTER 12 MO	02.80	+0000	+00	+00	1	2	1	0	2	0	022513

	TG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	1	2	1	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.69	4.39	3.97	4.55
CO	065.4	047.5	038.8	048.8
C2	511.8	527.3	457.4	504.7
NX	5.52	4.84	6.22	5.37

	IDLE	LO CR	HI CR	2500
HC	3340	3589	3181	
LH	330	384	284	
CO	3.09	0.55	0.26	
NX	185	3112	3882	
HS	470	485	343	210
CS	3.15	0.60	0.32	1.40

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.28	3.56	3.45	3.89
CO	071.4	042.0	040.4	047.7
C2	522.6	577.8	487.6	541.3
NX	3.53	3.05	3.93	3.40

	IDLE	LO CR	HI CR	2500
HC	2854	2965	2473	
LH	296	289	204	
CO	1.91	0.49	0.28	
NX	269	1940	2566	
HS	180	220	130	090
CS	1.80	0.60	0.30	1.20

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.83	4.03	3.92	4.38
CO	107.8	056.0	045.1	063.9
C2	569.8	567.5	483.2	544.6
NX	2.99	3.70	4.51	3.78

	IDLE	LO CR	HI CR	2500
HC	2976	3004	2625	
LH	081	334	273	
CO	2.99	0.56	0.45	
NX	029	852	1112	
HS	810	820	680	120
CS	3.20	1.00	0.50	1.70

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	5.19	3.59	3.78	3.98
CO	072.1	041.6	037.9	047.0
C2	527.6	533.8	463.6	513.1
NX	3.39	3.01	3.98	3.36

	IDLE	LO CR	HI CR	2500
HC	3352	4019	2880	
LH	000	000	000	
CO	2.93	0.67	0.41	
NX	165	1377	2186	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C0048 DATE 8/16/73 TEST C0084 DATE 8/20/73 TEST C1010 DATE 2/20/74 TEST C1182 DATE 8/21/74

DRY 77 WET 58 PRES 24.78 DRY 81 WET 65 PRES 24.90 DRY 68 WET 51 PRES 24.29 DRY 79 WET 58 PRES 24.83

MPG 14.95 MPG 14.17 MPG 13.52 MPG 14.86

MAKE FORD MODEL MAVE YEAR 71 CYL. 6 CID 170 WEIGHT 2750 TRANS 3 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.10	+0060	+00	+04	1	2	1	0	2	0	020583
AFTER MAINT	03.17	+0000	+00	+00	1	1	1	0	2	0	020583
AFTER 6 MO	06.72	+0050	+01	+02	1	1	1	0	2	0	023749
AFTER 12 MO	04.40	+0000	+01	-05	1	1	1	0	2	0	026339

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	?	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	1	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	7.71	5.25	4.94	5.68
CO	065.5	063.9	057.2	062.4
C2	270.9	281.6	252.2	271.2
NX	2.68	2.18	2.70	2.43

	IDLE	LO CR	HI CR	2500
HC	4497	3879	3912	
LH	445	463	480	
CO	5.99	1.54	2.09	
NX	056	1830	1777	
HS	730	800	800	640
CS	6.90	2.10	2.30	2.80

TEST C0064 DATE 8/17/73

DRY 77 WET 62 PRES 24.75

MPG 23.00

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.62	4.48	4.13	4.62
CO	063.9	063.0	056.7	061.4
C2	293.3	297.8	266.2	288.1
NX	2.66	2.10	2.50	2.33

	IDLE	LO CR	HI CR	2500
HC	3554	3527	4626	
LH	311	383	573	
CO	3.43	0.96	6.18	
NX	069	2539	909	
HS	400	510	810	600
CS	3.20	0.90	6.00	0.40

TEST C0093 DATE 8/21/73

DRY 76 WET 59 PRES 24.85

MPG 22.31

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.32	4.83	4.19	4.75
CO	081.2	089.8	073.2	083.4
C2	262.2	287.2	249.1	271.4
NX	2.16	2.01	2.19	2.09

	IDLE	LO CR	HI CR	2500
HC	5119	4579	4094	
LH	531	594	474	
CO	6.87	3.18	1.93	
NX	054	1116	2121	
HS	360	420	380	320
CS	6.00	3.00	1.80	2.80

TEST C1009 DATE 2/19/74

DRY 70 WET 51 PRES 24.26

MPG 21.34

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	5.61	3.95	4.31	4.39
CO	058.1	069.0	054.4	062.7
C2	262.1	266.5	232.6	256.2
NX	2.25	1.29	1.82	1.64

	IDLE	LO CR	HI CR	2500
HC	4548	5373	4745	
LH	000	000	000	
CO	4.68	3.40	1.53	
NX	065	217	2103	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1180 DATE 8/19/74

DRY 84 WET 62 PRES 24.57

MPG 24.17

MAKE DODGE MODEL DART YEAR 72 CYL. 6 CID 225 WEIGHT 3000 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.60	+0550	+09	-12	1	1	1	0	2	0	005414
AFTER MAINT	02.28	+0000	+00	+00	1	1	1	0	2	0	005414
AFTER 6 MO	04.79	-0025	+00	+05	1	1	1	0	2	0	008582
AFTER 12 MO	03.10	-0070	+05	+01	1	1	1	0	2	0	012402

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	1	1	2	2	2	2	2	2	1	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.22	3.49	3.34	3.81
CO	145.2	075.9	089.8	094.2
C2	356.0	370.4	329.0	355.9
NX	2.59	3.13	3.33	3.07

	IDLE	LO CR	HI CR	2500
HC	3454	3341	4196	
LH	331	703	415	
CO	4.24	4.22	10.09	
NX	095	2321	281	
HS	540	460	600	320
CS	4.10	3.20	10.00	2.40

TEST C0066 DATE 8/17/73

DRY 72 WET 54 PRES 24.76

MPG 17.26

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.42	3.20	3.05	3.62
CO	141.3	066.9	081.6	086.5
C2	343.7	363.4	308.5	344.1
NX	3.03	3.20	3.10	3.14

	IDLE	LO CR	HI CR	2500
HC	4122	3084	3921	
LH	553	399	470	
CO	2.57	3.42	9.85	
NX	090	1616	283	
HS	600	340	420	240
CS	2.40	3.50	9.50	3.00

TEST C0118 DATE 8/23/73

DRY 75 WET 59 PRES 24.81

MPG 18.12

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.91	3.44	3.80	4.06
CO	152.8	075.2	096.8	097.5
C2	364.5	362.8	322.6	352.0
NX	3.85	4.47	3.95	4.20

	IDLE	LO CR	HI CR	2500
HC	3930	3457	4454	
LH	224	262	332	
CO	4.94	3.66	9.71	
NX	032	890	171	
HS	130	360	350	280
CS	5.20	3.80	9.00	3.20

TEST C1019 DATE 2/22/74

DRY 72 WET 49 PRES 24.61

MPG 17.20

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	6.02	3.20	3.19	3.79
CO	151.8	061.2	083.4	086.3
C2	362.8	358.9	318.1	348.4
NX	3.00	3.27	3.30	3.22

	IDLE	LO CR	HI CR	2500
HC	3961	3541	2887	
LH	000	000	000	
CO	3.30	2.36	2.66	
NX	089	1672	2332	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1190 DATE 8/27/74

DRY 74 WET 59 PRES 24.85

MPG 17.96

MAKE MERCURY MODEL STAW YEAR 67 CYL. 8 CID 390 WEIGHT 4500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.70	-0035	-24	+03	1	1	1	0	1	0	064033
AFTER MAINT	00.70	-0035	-24	+03	1	1	1	0	1	0	064033
AFTER 6 MO	01.63	+0000	-02	+02	1	2	1	0	2	0	067647
AFTER 12 MO	01.50	-0035	+04	-04	1	2	1	0	2	0	070730

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	9.11	9.33	8.42	9.03
CO	092.4	046.5	046.3	056.1
C2	708.3	735.3	584.4	687.8
NX	9.14	8.82	9.50	9.08

	IDLE	LO CR	HI CR	2500
HC	8481	4201	3742	
LH	1591	492	360	
CO	0.87	1.41	1.70	
NX	150	2998	3161	
HS	1450	375	270	185
CS	0.75	1.40	1.80	1.30

TEST C0080 DATE 8/20/73

DRY 75 WET 59 PRES 24.99

MPG 11.07

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.11	9.33	8.42	9.03
CO	092.4	046.5	046.3	056.1
C2	708.3	735.3	584.4	687.8
NX	9.14	8.82	9.50	9.08

	IDLE	LO CR	HI CR	2500
HC	8481	4201	3742	
LH	1591	492	360	
CO	0.87	1.41	1.70	
NX	150	2998	3161	
HS	1450	375	270	185
CS	0.75	1.40	1.80	1.30

TEST C0081 DATE 8/20/73

DRY 75 WET 59 PRES 24.99

MPG 11.07

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	9.55	5.27	5.62	6.26
CO	149.0	044.3	057.0	069.7
C2	577.5	589.5	503.4	563.1
NX	5.73	6.67	7.27	6.64

	IDLE	LO CR	HI CR	2500
HC	4410	4066	3640	
LH	284	276	226	
CO	0.60	1.21	2.07	
NX	036	1211	1009	
HS	480	440	360	240
CS	0.80	1.20	2.00	2.00

TEST C1017 DATE 2/22/74

DRY 71 WET 48 PRES 24.61

MPG 12.86

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	7.18	5.14	5.09	5.55
CO	108.0	049.9	062.2	065.5
C2	591.4	589.0	492.2	562.7
NX	5.83	5.68	5.75	5.73

	IDLE	LO CR	HI CR	2500
HC	3237	4071	4031	
LH	000	000	000	
CO	1.65	0.72	2.67	
NX	078	2037	1951	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1185 DATE 8/23/74

DRY 79 WET 64 PRES 24.85

MPG 13.04

MAKE DODGE MODEL POLA YEAR 64 CYL. 8 CID 318 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.30	+0010	+05	+01	1	2	1	0	2	0	042474
AFTER MAINT	00.19	+0000	+00	+02	1	2	1	0	2	0	042474
AFTER 6 MO	00.70	+0000	-01	+00	1	2	1	0	2	0	042811
AFTER 12 MO	00.20	+0010	+00	+00	1	1	1	0	2	0	043163

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.60	7.46	6.13	7.33
CO	109.6	101.8	070.2	094.7
C2	510.4	470.5	462.7	476.7
NX	3.06	2.81	4.49	3.33

	IDLE	LO CR	HI CR	2500
HC	6000	3687	3655	
LH	649	387	328	
CO	7.99	0.69	2.33	
NX	051	2234	1711	
HS	580	300	250	160
CS	7.75	0.75	2.35	1.55

TEST C0088 DATE 8/21/73

DRY 75 WET 59 PRES 24.85

MPG 13.73

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.40	5.50	4.84	5.72
CO	104.1	045.5	045.8	057.8
C2	530.8	511.4	462.9	502.0
NX	3.39	3.51	4.73	3.82

	IDLE	LO CR	HI CR	2500
HC	3797	3765	3592	
LH	531	491	405	
CO	0.22	0.66	1.94	
NX	168	2362	2012	
HS	460	340	260	600
CS	0.25	0.25	2.00	5.20

TEST C0107 DATE 8/22/73

DRY 74 WET 60 PRES 24.80

MPG 14.58

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	8.81	5.89	5.20	6.31
CO	123.0	048.0	045.4	063.0
C2	540.0	513.8	462.8	505.2
NX	3.81	4.21	5.27	4.42

	IDLE	LO CR	HI CR	2500
HC	3959	3905	3951	
LH	241	232	220	
CO	0.75	0.43	2.27	
NX	059	1091	867	
HS	480	400	320	240
CS	0.60	0.50	2.20	1.50

TEST C1016 DATE 2/22/74

DRY 68 WET 48 PRES 24.61

MPG 14.27

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	8.24	6.21	5.24	6.36
CO	125.3	044.8	053.4	064.0
C2	587.9	563.4	486.2	547.1
NX	4.10	4.98	5.24	4.87

	IDLE	LO CR	HI CR	2500
HC	4472	4819	4709	
LH	000	000	000	
CO	0.22	0.94	2.59	
NX	148	2022	1811	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1186 DATE 8/23/74

DRY 80 WET 65 PRES 24.81

MPG 13.34

MAKE CADILLAC MODEL DEVI YEAR 70 CYL. 8 CID 472 WEIGHT 5000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.69	+0010	-02	+02	1	2	1	0	2	0	045946
AFTER MAINT	00.69	+0010	-02	+02	1	2	1	0	2	0	045946
AFTER 6 MO	03.21	+0050	+00	+00	1	1	1	0	1	0	049360
AFTER 12 MO	01.20	-0050	-04	+00	1	2	1	0	2	0	055164

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	1	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	1	2	1	2	2	1	1	1	1	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.16	4.69	5.16	5.55
CO	262.8	132.3	180.7	173.1
C2	617.9	712.5	551.0	647.9
NX	1.92	2.18	2.53	2.22

	IDLE	LO CR	HI CR	2500
HC	2031	3225	3385	
LH	425	533	498	
CO	0.78	2.07	4.56	
NX	153	1513	868	
HS	130	280	250	090
CS	0.75	2.00	4.20	2.30

TEST C0132 DATE 8/24/73

DRY 78 WET 60 PRES 24.70

MPG 9.50

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	8.16	4.69	5.16	5.55
CO	262.8	132.3	180.7	173.1
C2	617.9	712.5	551.0	647.9
NX	1.92	2.18	2.53	2.22

	IDLE	LO CR	HI CR	2500
HC	2031	3225	3385	
LH	425	533	498	
CO	0.78	2.07	4.56	
NX	153	1513	868	
HS	130	280	250	090
CS	0.75	2.00	4.20	2.30

TEST C0132 DATE 8/24/73

DRY 78 WET 60 PRES 24.70

MPG 9.50

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.61	5.21	5.31	5.53
CO	186.7	132.2	125.1	141.6
C2	721.3	770.7	686.8	737.1
NX	2.20	2.11	2.93	2.35

	IDLE	LO CR	HI CR	2500
HC	3079	2576	2224	
LH	231	175	152	
CO	3.11	1.74	0.75	
NX	134	1022	2115	
HS	220	140	100	100
CS	3.20	2.00	0.80	1.80

TEST C1020 DATE 2/25/74

DRY 69 WET 50 PRES 24.92

MPG 9.12

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	4.86	3.77	3.73	3.99
CO	161.6	091.8	126.5	116.0
C2	627.1	673.4	541.1	627.0
NX	2.25	2.35	2.70	2.43

	IDLE	LO CR	HI CR	2500
HC	2110	2491	2198	
LH	000	000	000	
CO	1.25	2.91	1.64	
NX	192	437	1579	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1188 DATE 9/26/74

DRY 86 WET 65 PRES 24.72

MPG 10.84

MAKE PLYMOUTH MODEL FURY YEAR 67 CYL. 8 CID 318 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.00	+0240	+12	+07	1	1	1	0	1	0	042005
AFTER MAINT	02.40	-0200	+12	-02	1	2	1	0	2	0	042005
AFTER 6 MO	03.56	-0100	+08	+00	1	1	1	0	2	0	043804
AFTER 12 MO	02.40	-0180	+00	+00	1	1	1	0	2	0	049347

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	1	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	1	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	13.17	10.77	6.59	10.11
CO	227.3	189.3	084.1	168.1
C2	354.8	365.2	367.2	363.6
NX	1.01	1.02	3.39	1.68

	IDLE	LO CR	HI CR	2500
HC	6013	5220	4302	
LH	795	659	443	
CO	5.76	4.87	3.19	
NX	070	857	1396	
HS	760	595	360	1900
CS	5.00	4.75	3.25	2.90

TEST C0103 DATE 8/22/73

DRY 75 WET 59 PRES 24.80

MPG 13.50

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	16.91	10.00	6.89	10.58
CO	237.2	169.9	082.6	159.8
C2	363.8	352.6	357.1	356.2
NX	1.11	0.79	3.35	1.57

	IDLE	LO CR	HI CR	2500
HC	6157	5378	4442	
LH	1124	895	607	
CO	2.86	4.29	2.93	
NX	061	998	1612	
HS	800	760	420	520
CS	2.40	4.00	2.80	2.60

TEST C0122 DATE 8/23/73

DRY 74 WET 60 PRES 24.76

MPG 13.90

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	10.20	7.44	6.47	7.75
CO	149.5	113.2	122.1	123.3
C2	469.6	423.5	386.9	423.0
NX	2.20	1.99	1.88	2.00

	IDLE	LO CR	HI CR	2500
HC	4610	4783	4746	
LH	549	565	445	
CO	3.67	4.38	8.12	
NX	063	749	191	
HS	600	520	350	660
CS	4.60	4.40	7.20	3.80

TEST C1024 DATE 2/26/74

DRY 69 WET 51 PRES 24.65

MPG 13.89

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	9.51	6.90	6.17	7.25
CO	129.8	090.1	112.3	104.6
C2	477.8	436.4	397.7	434.3
NX	2.85	2.50	2.41	2.55

	IDLE	LO CR	HI CR	2500
HC	5884	5502	5299	
LH	000	000	000	
CO	2.45	1.05	3.84	
NX	063	2211	1087	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1192 DATE 8/29/74

DRY 80 WET 59 PRES 24.79

MPG 14.33

MAKE RAMBLER MODEL REBE YEAR 70 CYL. 6 CID 232 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.65	-0010	+01	+01	1	1	1	0	2	0	064875
AFTER MAINT	04.65	-0010	+01	+01	1	1	1	0	2	0	064875
AFTER 6 MO	04.95	+0050	+00	+00	1	1	1	0	2	0	073849
AFTER 12 MO	05.70	-0050	+00	+00	1	1	1	0	2	0	079238

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	1	?	1	2	2	1	1	1	1	1	1	2
TAMP. 12 MO	2	2	1	1	1	2	2	2	2	1	1	1	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.10	4.55	3.71	4.43
CO	067.6	076.8	052.2	068.1
C2	440.1	395.9	379.3	400.5
NX	6.96	3.93	6.34	5.24

	IDLE	LO CR	HI CR	2500
HC	5930	4048	3593	
LH	617	337	253	
CO	5.02	1.46	1.40	
NX	127	2646	3074	
HS	1120	480	320	305
CS	4.80	1.60	1.52	2.70

TEST C0111 DATE 8/23/73

DRY 74 WET 58 PRES 24.82

MPG 17.08

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.10	4.55	3.71	4.43
CO	067.6	076.8	052.2	068.1
C2	440.1	395.9	379.3	400.5
NX	6.96	3.93	6.34	5.24

	IDLE	LO CR	HI CR	2500
HC	5930	4048	3593	
LH	617	337	253	
CO	5.02	1.46	1.40	
NX	127	2646	3074	
HS	1120	480	320	305
CS	4.80	1.60	1.52	2.70

TEST C0111 DATE 8/23/73

DRY 74 WET 58 PRES 24.82

MPG 17.08

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.88	4.89	3.87	5.02
CO	098.4	074.9	045.6	071.7
C2	421.3	377.9	364.9	383.4
NX	5.79	5.55	7.87	6.24

	IDLE	LO CR	HI CR	2500
HC	4577	3757	3455	
LH	540	378	232	
CO	5.13	0.52	1.34	
NX	099	3248	2867	
HS	500	300	280	400
CS	4.80	0.70	8.00	3.60

TEST C1021 DATE 2/25/74

DRY 76 WET 57 PRES 24.92

MPG 17.40

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	5.74	3.97	3.05	4.09
CO	105.6	074.5	041.6	071.9
C2	436.4	422.7	395.3	417.9
NX	2.73	2.30	3.88	2.82

	IDLE	LO CR	HI CR	2500
HC	5049	1975	2019	
LH	000	000	000	
CO	5.78	0.20	0.17	
NX	078	867	2395	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1194 DATE 8/30/74

DRY 78 WET 61 PRES 24.68

MPG 16.38

MAKE PLYMOUTH MODEL DUST YEAR 70 CYL. 8 CID 318 WEIGHT 3000 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	08.90	+0110	+02	-02	1	2	1	0	2	0	037361
AFTER MAINT	03.80	-0125	+01	-02	1	2	1	0	2	0	037361
AFTER 6 MO	02.06	+0000	+00	+00	1	1	1	0	2	0	040523
AFTER 12 MO	00.19	+0040	+05	-01	1	1	2	0	2	0	045206

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	?	2	2	2	2	?	2	2	2	2	2
TAMP. 12 MO	1	2	1	1	1	1	1	1	2	1	1	1	2	2

AS RECEIVED				AFTER MAINTENANCE				AFTER 6 MONTHS				AFTER 12 MONTHS			
	CT	CS	HT	1975	CT	CS	HT	1975	CT	CS	HT	1975	CT	CS	HT	1975
HC	6.67	7.31	5.56	6.69	7.08	4.77	4.82	5.27	4.88	5.30	3.72	4.77	4.42	2.98	3.70	3.48
CO	061.6	081.5	057.4	070.7	067.0	065.0	058.7	063.7	048.3	071.0	051.5	060.9	036.6	024.5	034.4	029.8
C2	409.9	419.2	367.4	402.9	435.8	462.0	392.1	437.1	473.1	556.5	423.0	502.0	437.0	495.1	388.5	453.3
NX	3.22	2.17	3.07	2.64	3.31	2.27	3.27	2.76	3.87	3.39	3.42	3.50	2.75	2.14	2.59	2.39
	IDLE	LO CR	HI CR	2500	IDLE	LO CR	HI CR	2500	IDLE	LO CR	HI CR	2500	IDLE	LO CR	HI CR	2500
HC	11181	3506	3593		4247	3137	3363		2511	3197	3354		0843	2854	3985	
LH	748	402	413		585	464	500		134	222	254		000	000	000	
CO	9.66	1.21	1.94		4.28	1.36	2.29		2.08	1.67	1.90		0.20	0.15	2.06	
NX	030	1470	1647		053	1367	1487		094	1045	1708		090	1045	1527	
HS	765	315	345	190	300	230	270	130	130	180	230	140	000	000	000	000
CS	9.40	1.30	2.00	1.70	3.80	1.20	2.40	0.90	2.00	1.40	1.80	2.40	0.00	0.00	0.00	0.00

TEST C0116 DATE 8/23/73 TEST C0133 DATE 8/24/73 TEST C1034 DATE 3/04/74 TEST C1198 DATE 9/04/74

DRY 77 WET 59 PRES 24.81 DRY 78 WET 60 PRES 24.70 DRY 70 WET 49 PRES 24.42 DRY 76 WET 53 PRES 24.72

MPG 16.65 MPG 16.08 MPG 14.54 MPG 17.43

MAKE CHEVROLET MODEL NOVA YEAR 72 CYL. 6 CID 250 WEIGHT 3000 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.10	-0020	+04	+01	2	1	1	0	1	0	012834
AFTER MAINT	01.08	-0150	+02	+02	2	2	1	0	2	0	012834
AFTER 6 MO	02.45	+0000	+00	+03	1	1	1	0	2	0	016332
AFTER 12 MO	04.70	+0000	-02	+00	1	2	1	0	2	0	018255

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	1	1	2	2	2	2	2	2	2	2	?
TAMP. 12 MO	2	2	1	1	1	2	2	2	?	?	2	2	2	2

AS RECEIVED					AFTER MAINTENANCE					AFTER 6 MONTHS					AFTER 12 MONTHS				
	CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975
HC	3.06	2.59	2.48	2.66	HC	4.22	1.95	2.25	2.51	HC	2.98	2.31	2.44	2.48	HC	3.00	2.67	3.55	2.99
CO	055.8	037.7	032.5	040.1	CO	046.8	012.7	019.1	021.6	CO	054.4	023.0	026.9	030.7	CO	051.1	033.7	042.6	039.8
C2	530.8	521.1	432.0	498.4	C2	524.6	507.9	408.3	483.8	C2	530.8	527.5	421.0	498.6	C2	521.8	495.1	410.1	477.1
NX	2.82	2.14	2.99	2.52	NX	2.94	2.16	2.91	2.53	NX	3.42	2.89	3.67	3.22	NX	3.81	2.74	3.51	3.18
	IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500
HC	4503	1627	3133		HC	3752	1925	3338		HC	3138	1101	2704		HC	4635	3286	1454	
LH	704	255	335		LH	646	454	487		LH	350	126	220		LH	000	000	000	
CO	6.59	0.21	3.19		CO	1.25	0.17	2.28		CO	2.27	0.15	2.35		CO	4.80	0.89	0.32	
NX	078	1274	1304		NX	129	1243	1651		NX	096	1072	1479		NX	073	962	2110	
HS	460	070	160	075	HS	510	120	280	085	HS	300	090	150	090	HS	000	000	000	000
CS	6.20	0.25	3.20	1.30	CS	1.10	0.20	2.25	0.40	CS	2.80	0.20	2.80	1.00	CS	0.00	0.00	0.00	0.00

TEST C0126 DATE 8/24/73	TEST C0148 DATE 8/27/73	TEST C1023 DATE 2/26/74	TEST C1187 DATE 8/26/74
DRY 79 WET 61 PRES 24.71	DRY 74 WET 56 PRES 24.66	DRY 70 WET 50 PRES 24.65	DRY 86 WET 67 PRES 24.72
MPG 15.63	MPG 16.95	MPG 16.06	MPG 16.22

MAKE FORD MODEL TORI YEAR 71 CYL. 8 CID 351 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.80	+0450	+04	+06	1	1	1	0	2	0	022051
AFTER MAINT	00.08	+0000	+00	+00	1	1	1	0	2	0	022051
AFTER 6 MO	00.13	+0350	+02	+05	1	1	1	0	2	0	024895
AFTER 12 MO	03.86	+0060	+00	+00	1	1	1	0	2	0	027233

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.37	4.51	3.99	4.55
CO	050.4	047.9	034.9	044.8
C2	555.6	523.0	478.8	517.5
NX	4.07	3.00	4.11	3.53

	IDLE	LO CR	HI CR	2500
HC	2992	3314	3356	
LH	490	510	425	
CO	2.06	0.38	0.99	
NX	119	1865	2077	
HS	290	280	250	100
CS	1.90	0.45	1.05	0.60

TEST C0123 DATE 8/24/73

DRY 70 WET 55 PRES 24.73

MPG 14.79

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.44	3.14	3.99	4.06
CO	124.9	022.1	034.0	046.9
C2	511.2	545.6	465.4	516.1
NX	3.52	3.53	4.42	3.78

	IDLE	LO CR	HI CR	2500
HC	2934	2778	2725	
LH	391	324	291	
CO	0.10	0.40	1.17	
NX	206	2190	2745	
HS	190	220	170	900
CS	0.12	0.40	1.10	0.75

TEST C0255 DATE 9/07/73

DRY 77 WET 56 PRES 24.59

MPG 14.78

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	8.71	4.20	3.72	5.01
CO	132.5	025.5	026.0	048.0
C2	498.6	526.5	466.1	503.9
NX	3.20	3.16	4.03	3.41

	IDLE	LO CR	HI CR	2500
HC	2755	3161	3203	
LH	304	322	280	
CO	0.14	0.47	1.04	
NX	324	2461	2851	
HS	255	270	235	105
CS	0.18	0.55	1.00	1.30

TEST C1043 DATE 3/07/74

DRY 69 WET 48 PRES 24.34

MPG 14.96

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	3.19	4.60	4.27	5.47
CO	122.1	057.0	034.3	064.3
C2	507.4	477.5	439.5	473.2
NX	5.47	4.27	5.75	4.93

	IDLE	LO CR	HI CR	2500
HC	4828	3493	2847	
LH	000	000	000	
CO	3.99	0.58	0.91	
NX	095	1552	2532	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1199 DATE 9/05/74

DRY 76 WET 52 PRES 24.68

MPG 15.06

MAKE FORD MODEL FAIR YEAR 55 CYL. 8 CID 289 WEIGHT 3500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.20	+0100	+09	+02	0	2	1	0	2	0	073336
AFTER MAINT	05.33	+0000	+00	+00	0	1	1	0	2	0	073336
AFTER 6 MO	05.27	+0000	-01	+00	0	1	1	0	2	0	076307
AFTER 12 MO	05.20	+0020	+00	+00	0	1	1	0	2	0	080997

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	1	1	2	2	2	2	2	2	2	1	2
TAMP. 12 MO	2	2	2	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	7.92	7.09	5.85	6.92
CO	102.7	091.7	072.8	088.7
C2	456.4	451.5	410.2	441.1
NX	5.38	4.66	5.43	5.02

	IDLE	LO CR	HI CR	2500
HC	4465	3937	3475	
LH	642	609	491	
CO	4.50	2.67	2.01	
NX	177	1567	2826	
HS	405	375	275	450
CS	4.25	2.70	1.95	3.10

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	10.19	7.24	5.65	7.42
CO	162.8	092.0	070.7	100.9
C2	426.2	421.6	406.6	418.4
NX	2.27	2.42	3.55	2.71

	IDLE	LO CR	HI CR	2500
HC	6557	3622	3125	
LH	575	431	344	
CO	5.69	2.66	1.91	
NX	069	1395	2326	
HS	410	285	208	270
CS	5.40	2.60	1.90	3.40

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	13.69	8.82	6.30	9.14
CO	184.6	094.1	062.8	104.3
C2	410.0	398.9	386.0	397.6
NX	1.89	1.92	3.20	2.27

	IDLE	LO CR	HI CR	2500
HC	6421	4488	3774	
LH	687	549	375	
CO	5.39	2.69	1.96	
NX	094	1345	2560	
HS	580	460	300	460
CS	4.80	2.50	1.80	3.20

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	7.93	7.82	6.78	7.55
CO	105.0	088.0	071.9	087.1
C2	392.4	387.8	352.1	378.9
NX	2.68	1.62	2.48	2.08

	IDLE	LO CR	HI CR	2500
HC	9031	5582	4975	
LH	000	000	000	
CO	5.26	2.47	2.40	
NX	061	785	1599	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C0124 DATE 8/24/73 TEST C0240 DATE 9/06/73 TEST C1049 DATE 3/08/74 TEST C1204 DATE 9/10/74

DRY 70 WET 59 PRES 24.73 DRY 80 WET 56 PRES 24.73 DRY 69 WET 48 PRES 24.45 DRY 86 WET 57 PRES 24.58

MPG 14.79 MPG 14.83 MPG 15.08 MPG 16.51

MAKE FORD MODEL PINT YEAR 71 CYL. 4 CID 098 WEIGHT 2250 TRANS 4 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	10.70	-0100	+00	+05	1	2	1	0	2	0	012609
AFTER MAINT	04.70	-0080	+08	+06	1	2	1	0	2	0	012609
AFTER 6 MO	07.52	+0100	+00	+00	1	1	1	0	2	0	015287
AFTER 12 MO	08.20	+0200	-06	+05	1	1	1	0	2	0	017672

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	1	1	1	2	2	2	2	1	1	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	7.20	8.36	5.77	7.40
CO	082.8	079.5	061.8	075.3
C2	233.9	248.5	215.3	236.2
NX	1.58	1.41	1.56	1.49

	IDLE	LO CR	HI CR	2500
HC	40599	4852	4242	
LH	1624	462	420	
CO	9.95	3.68	4.56	
NX	021	552	1336	
HS	2500	335	315	315
CS	20.00	3.80	4.50	6.50

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.98	3.97	3.27	3.99
CO	070.0	052.6	046.0	054.4
C2	237.7	267.1	212.8	245.9
NX	1.39	1.35	1.31	1.35

	IDLE	LO CR	HI CR	2500
HC	6632	4092	3924	
LH	1005	555	552	
CO	6.77	2.63	3.70	
NX	055	355	1049	
HS	700	250	310	200
CS	4.80	2.60	3.50	2.30

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.74	6.53	4.03	5.67
CO	076.1	080.8	050.7	071.5
C2	267.1	305.0	217.8	272.9
NX	1.40	1.11	1.20	1.20

	IDLE	LO CR	HI CR	2500
HC	10065	4850	4225	
LH	1047	421	377	
CO	9.04	3.26	2.80	
NX	053	354	970	
HS	520	220	200	300
CS	7.80	3.00	2.80	4.00

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	6.85	5.48	4.43	5.48
CO	113.9	097.0	086.0	097.5
C2	226.4	236.9	199.0	224.2
NX	0.88	0.63	0.80	0.73

	IDLE	LO CR	HI CR	2500
HC	5718	5786	*****	
LH	000	000	000	
CO	6.91	7.61	0.00	
NX	137	316	979	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C0134 DATE 8/27/73 TEST C0160 DATE 8/28/73 TEST C1029 DATE 2/28/74 TEST C1189 DATE 8/27/74

DRY 70 WET 54 PRES 24.74 DRY 70 WET 58 PRES 24.78 DRY 68 WET 50 PRES 24.68 DRY 78 WET 62 PRES 24.85

MPG 23.57 MPG 25.90 MPG 22.09 MPG 22.57

MAKE BUICK MODEL LESA YEAR 67 CYL. 8 CID 340 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.60	+0180	+02	-04	1	1	1	0	2	0	021887
AFTER MAINT	05.60	+0180	+02	-04	1	1	1	0	2	0	021887
AFTER 6 MO	04.63	+0000	+00	-02	1	1	1	0	1	0	022575
AFTER 12 MO	04.20	+0100	+00	+00	1	2	1	0	2	0	023340

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	1	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	11.36	8.24	7.68	8.74
CO	212.4	220.1	184.3	208.6
C2	401.1	401.8	357.0	389.2
NX	0.90	0.43	0.89	0.66

	IDLE	LO CR	HI CR	2500
HC	4485	4705	4775	
LH	529	610	579	
CO	6.35	6.78	9.39	
NX	046	270	206	
HS	440	520	460	400
CS	5.70	6.40	9.00	6.30

TEST C0135 DATE 8/27/73

DRY 70 WET 54 PRES 24.74

MPG 11.96

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	11.36	8.24	7.68	8.74
CO	212.4	220.1	184.3	208.6
C2	401.1	401.8	357.0	389.2
NX	0.90	0.43	0.89	0.66

	IDLE	LO CR	HI CR	2500
HC	4485	4705	4775	
LH	529	610	579	
CO	6.35	6.78	9.39	
NX	046	270	206	
HS	440	520	460	400
CS	5.70	6.40	9.00	6.30

TEST C0135 DATE 8/27/73

DRY 70 WET 54 PRES 24.74

MPG 11.96

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	13.37	8.61	9.41	9.83
CO	215.0	207.2	168.3	198.1
C2	401.0	376.8	327.7	368.2
NX	1.36	0.46	0.93	0.78

	IDLE	LO CR	HI CR	2500
HC	4716	5391	6356	
LH	600	683	870	
CO	4.78	6.51	9.21	
NX	059	283	199	
HS	560	500	840	1400
CS	4.60	7.00	8.60	3.60

TEST C1025 DATE 2/27/74

DRY 69 WET 48 PRES 24.46

MPG 12.54

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	29.49	9.02	12.26	14.20
CO	261.4	240.6	213.1	237.3
C2	522.3	463.4	397.0	457.3
NX	1.46	0.51	0.75	0.78

	IDLE	LO CR	HI CR	2500
HC	4846	6479	10544	
LH	000	000	000	
CO	4.32	6.18	9.04	
NX	049	210	165	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1191 DATE 8/28/74

DRY 80 WET 64 PRES 24.70

MPG 10.18

MAKE FORD MODEL STAW YEAR 72 CYL. 8 CID 351 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.20	-0210	+24	+05	1	1	1	0	2	0	020434
AFTER MAINT	04.20	-0210	+24	+05	1	1	1	0	2	0	020434
AFTER 6 MO	03.83	+0150	+00	+02	1	1	1	0	1	0	023816
AFTER 12 MO	05.20	+0000	+00	+03	1	1	1	0	2	0	028005

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	1	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.03	5.00	4.47	4.86
CO	087.2	095.7	072.8	087.6
C2	573.7	660.9	564.3	615.9
NX	5.17	4.36	5.79	4.93

	IDLE	LO CR	HI CR	2500
HC	3069	3391	3151	
LH	399	490	402	
CO	4.73	1.75	1.91	
NX	089	1861	1871	
HS	275	440	330	190
CS	4.45	1.65	1.90	1.60

TEST C0137 DATE 8/27/73

DRY 72 WET 55 PRES 24.73

MPG 11.59

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.03	5.00	4.47	4.86
CO	087.2	095.7	072.8	087.6
C2	573.7	660.9	564.3	615.9
NX	5.17	4.36	5.79	4.93

	IDLE	LO CR	HI CR	2500
HC	3069	3391	3151	
LH	399	490	402	
CO	4.73	1.75	1.91	
NX	089	1861	1871	
HS	275	440	330	190
CS	4.45	1.65	1.90	1.60

TEST C0137 DATE 8/27/73

DRY 72 WET 55 PRES 24.73

MPG 11.59

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.06	17.97	5.39	11.99
CO	089.2	089.7	072.1	084.7
C2	643.4	636.9	538.6	610.9
NX	4.67	3.79	4.05	4.05

	IDLE	LO CR	HI CR	2500
HC	7348	3795	3659	
LH	1215	388	348	
CO	4.05	1.27	1.92	
NX	116	1154	1711	
HS	1000	300	210	160
CS	3.80	1.40	1.90	1.90

TEST C1030 DATE 2/28/74

DRY 74 WET 52 PRES 24.68

MPG 11.39

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	6.17	5.08	5.37	5.39
CO	098.2	105.1	084.3	097.9
C2	613.0	627.0	512.3	592.3
NX	5.04	3.19	4.20	3.86

	IDLE	LO CR	HI CR	2500
HC	3753	3922	3848	
LH	000	000	000	
CO	5.65	2.34	2.84	
NX	088	768	1746	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1193 DATE 8/29/74

DRY 79 WET 60 PRES 24.79

MPG 11.67

MAKE FORD MODEL STAW YEAR 71 CYL. 8 CID 400 WEIGHT 4500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	07.60	-0060	+00	+02	1	1	1	0	2	0	035284
AFTER MAINT	03.06	-0080	+00	-02	1	1	1	0	2	0	035284
AFTER 6 MO	03.68	+0100	-01	-01	1	1	1	0	1	0	038100
AFTER 12 MO	05.80	-0010	+00	+00	1	1	1	0	2	0	041975

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	?	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	1	?	1	2	2	2	?	2	2	2	2	?

AS RECEIVED

	CT	CS	HT	1975
HC	8.17	5.71	5.07	6.05
CO	120.9	095.3	059.4	090.7
C2	571.4	555.0	518.8	548.3
NX	4.29	3.63	5.47	4.28

	IDLE	LO CR	HI CR	2500
HC	5423	3102	2548	
LH	654	422	318	
CO	8.05	0.63	0.90	
NX	034	1797	1831	
HS	720	365	205	1100
CS	8.20	0.65	0.90	1.10

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.39	4.20	4.49	4.95
CO	101.1	061.5	041.8	064.3
C2	621.5	591.4	531.7	581.1
NX	5.78	4.55	6.51	5.35

	IDLE	LO CR	HI CR	2500
HC	3416	2781	2120	
LH	660	611	501	
CO	3.19	0.32	0.57	
NX	052	2211	1855	
HS	360	240	110	250
CS	3.20	0.40	0.58	0.75

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	17.06	10.89	20.46	14.84
CO	129.9	098.4	061.9	094.9
C2	576.7	500.6	484.4	512.0
NX	6.09	4.33	7.73	5.64

	IDLE	LO CR	HI CR	2500
HC	9971	7892	9733	
LH	1808	1437	1880	
CO	3.77	0.93	1.14	
NX	052	1900	2660	
HS	1900	1250	1850	2000
CS	3.60	0.90	1.10	1.60

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	6.13	4.48	4.36	4.79
CO	094.8	080.6	063.1	078.7
C2	694.0	627.2	554.3	620.9
NX	4.62	3.67	4.76	4.17

	IDLE	LO CR	HI CR	2500
HC	4418	3143	2097	
LH	000	000	000	
CO	5.92	0.78	0.95	
NX	061	1251	1833	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C0138 DATE 8/27/73 TEST C0176 DATE 8/29/73 TEST C1028 DATE 2/28/74 TEST C1196 DATE 8/30/74

DRY 72 WET 55 PRES 24.73 DRY 72 WET 58 PRES 24.76 DRY 69 WET 48 PRES 24.68 DRY 80 WET 60 PRES 24.68

MPG 12.55 MPG 12.76 MPG 12.58 MPG 11.72

MAKE DODGE MODEL DART YEAR 70 CYL. 8 CID 318 WEIGHT 3000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.30	+0040	-05	+02	1	1	1	0	2	0	016300
AFTER MAINT	00.78	-0150	+02	+06	1	1	1	0	2	0	016300
AFTER 6 MO	01.00	-0200	+00	+00	1	1	1	0	2	0	017967
AFTER 12 MO	07.20	-0100	+00	+00	1	1	1	0	2	0	020508

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	1	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	1	2	2	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED					AFTER MAINTENANCE				AFTER 6 MONTHS				AFTER 12 MONTHS			
	CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975
HC	5.16	4.24	4.26	4.44	HC	5.91	4.16	4.52	4.62	HC	4.98	3.54	3.58	3.88	HC	5.86	4.67	4.31	4.82
CO	092.4	087.8	067.7	083.2	CO	074.1	046.5	046.4	052.2	CO	077.3	036.0	040.4	045.9	CO	086.5	073.9	062.7	073.5
C2	498.1	513.3	440.4	489.9	C2	507.3	525.1	428.0	494.4	C2	514.1	524.9	440.0	499.1	C2	569.6	523.6	407.8	501.1
NX	2.04	1.40	2.29	1.78	NX	2.92	2.12	3.11	2.56	NX	1.92	1.53	2.40	1.85	NX	2.73	1.74	2.68	2.21
	IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500
HC	4391	3585	3769		HC	3216	3623	3642		HC	2473	3260	3480		HC	5516	4449	4135	
LH	560	517	501		LH	645	609	556		LH	287	323	327		LH	000	000	000	
CO	7.16	1.43	2.46		CO	1.11	0.79	2.41		CO	1.06	0.90	2.53		CO	7.46	1.36	2.59	
NX	046	608	945		NX	063	1198	1248		NX	073	1283	1295		NX	047	662	1012	
HS	530	390	395	260	HS	400	320	285	180	HS	200	230	225	120	HS	000	000	000	000
CS	6.60	1.60	2.50	1.40	CS	0.90	1.00	2.40	1.00	CS	3.60	3.20	2.50	1.30	CS	0.00	0.00	0.00	0.00

TEST C0151 DATE 8/29/73 TEST C0175 DATE 8/29/73 TEST C1032 DATE 3/01/74 TEST C1195 DATE 8/30/74

DRY 71 WET 54 PRES 24.71 DRY 75 WET 59 PRES 24.76 DRY 68 WET 47 PRES 24.46 DRY 74 WET 56 PRES 24.69

MPG 14.04 MPG 15.07 MPG 15.27 MPG 14.10

MAKE FORD MODEL MAVE YEAR 70 CYL. 6 CID 200 WEIGHT 2750 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.50	-0090	-12	+01	1	1	1	0	2	0	022467
AFTER MAINT	01.50	-0090	-12	+01	1	1	1	0	2	0	022467
AFTER 6 MO	02.26	+0000	+01	+02	1	1	1	0	2	0	024164
AFTER 12 MO	01.80	+0070	+00	+05	1	1	2	0	2	0	026422

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	4.01	3.52	3.00	3.48
CO	059.9	041.3	034.1	043.2
C2	391.8	398.0	352.2	384.0
NX	4.11	3.11	4.32	3.66

	IDLE	LO CR	HI CR	2500
HC	3130	3846	3730	
LH	509	639	562	
CO	1.71	1.00	2.38	
NX	145	1229	1149	
HS	165	280	220	125
CS	1.70	0.90	2.40	1.55

TEST C0166 DATE 8/29/73

DRY 72 WET 59 PRES 24.77

MPG 19.24

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.01	3.52	3.00	3.48
CO	059.9	041.3	034.1	043.2
C2	391.8	398.0	352.2	384.0
NX	4.11	3.11	4.32	3.66

	IDLE	LO CR	HI CR	2500
HC	3130	3846	3730	
LH	509	639	562	
CO	1.71	1.00	2.38	
NX	145	1229	1149	
HS	165	280	220	125
CS	1.70	0.90	2.40	1.55

TEST C0166 DATE 8/29/73

DRY 72 WET 59 PRES 24.77

MPG 19.24

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	3.94	3.51	2.84	3.41
CO	066.5	047.2	036.0	048.1
C2	376.8	391.0	313.0	366.4
NX	4.41	3.62	4.27	3.96

	IDLE	LO CR	HI CR	2500
HC	3107	3603	3389	
LH	306	416	338	
CO	2.31	0.85	1.23	
NX	176	1643	2455	
HS	240	340	250	160
CS	2.20	0.90	1.40	1.60

TEST C1037 DATE 3/05/74

DRY 70 WET 50 PRES 24.41

MPG 19.67

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	4.06	3.54	3.05	3.51
CO	064.6	041.4	031.8	043.6
C2	428.8	411.9	355.5	399.8
NX	3.67	3.00	3.92	3.39

	IDLE	LO CR	HI CR	2500
HC	2831	4054	3291	
LH	000	000	000	
CO	1.82	1.42	0.14	
NX	195	520	2589	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1203 DATE 9/10/74

DRY 81 WET 56 PRES 24.65

MPG 18.58

MAKE PONTIAC MODEL LEMA YEAR 73 CYL. 8 CID 400 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.40	+0010	+00	+03	1	2	1	0	2	2	006704
AFTER MAINT	02.16	+0000	+00	+00	1	1	1	0	2	1	006704
AFTER 6 MO	01.87	+0000	-04	+00	1	1	1	0	2	2	010112
AFTER 12 MO	01.80	+0080	-04	-01	1	1	1	0	2	1	013239

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	PTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	1	2	2	2	1	2	2	1	1	1	2	2

AS RECEIVED					AFTER MAINTENANCE				AFTER 6 MONTHS				AFTER 12 MONTHS			
	CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975
HC	4.06	3.19	3.07	3.34	HC	5.13	3.25	3.40	3.69	HC	6.04	4.11	3.54	4.36	HC	4.53	4.40	3.99	4.32
CO	067.3	039.0	031.7	042.9	CO	067.2	035.6	036.9	042.6	CO	118.7	051.7	035.6	061.3	CO	074.1	031.5	025.6	038.8
C2	724.6	701.5	598.3	677.7	C2	674.5	678.1	543.3	640.0	C2	611.3	646.9	530.6	607.2	C2	744.9	705.6	563.9	674.5
NX	2.27	2.42	4.40	2.94	NX	2.80	2.85	5.29	3.51	NX	2.91	3.52	5.23	3.87	NX	2.43	2.46	3.94	2.86
	IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500
HC	2217	2475	2425		HC	2991	2643	2786		HC	2893	2874	2753		HC	2632	5357	2762	
LH	353	507	472		LH	628	579	565		LH	264	278	241		LH	000	000	000	
CO	1.46	0.16	0.38		CO	2.38	0.34	0.69		CO	1.96	0.19	0.71		CO	1.90	0.72	0.91	
NX	147	2659	3167		NX	154	1879	3575		NX	131	2736	3430		NX	115	1297	2578	
HS	145	150	130	080	HS	190	180	155	090	HS	200	150	200	140	HS	000	000	000	000
CS	1.55	0.25	0.40	1.90	CS	2.25	0.30	0.73	1.80	CS	2.20	1.60	0.80	1.80	CS	0.00	0.00	0.00	0.00

TEST C0162 DATE 8/29/73	TEST C0198 DATE 8/31/73	TEST C1042 DATE 3/06/74	TEST C1197 DATE 9/04/74
DRY 70 WET 56 PRES 24.76	DRY 73 WET 57 PRES 24.53	DRY 76 WET 51 PRES 24.32	DRY 72 WET 55 PRES 24.72
MPG 11.79	MPG 12.40	MPG 12.42	MPG 11.89

MAKE PLYMOUTH MODEL DUST YEAR 72 CYL. 6 CID 198 WEIGHT 3000 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.10	-0060	+00	-03	1	2	1	0	2	0	020817
AFTER MAINT	00.90	-0120	-03	-03	1	2	1	0	2	0	020817
AFTER 6 MO	00.82	-0750	+07	+00	1	1	1	0	2	0	026525
AFTER 12 MO	04.00	-0020	+00	+00	1	1	1	0	2	0	030780

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	1	1	1	1	2	2	2	1	1	1	1	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.59	3.43	2.96	3.96
CO	129.2	063.6	076.3	080.8
C2	341.9	344.6	302.2	332.3
NX	2.67	3.85	3.45	3.49

	IDLE	LO CR	HI CR	2500
HC	5575	4257	4945	
LH	794	676	699	
CO	6.03	3.06	8.41	
NX	102	1811	541	
HS	440	275	330	140
CS	5.20	2.80	7.90	1.00

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.07	2.96	2.76	3.14
CO	081.0	019.6	045.2	039.6
C2	367.4	372.0	336.5	361.2
NX	3.89	4.90	4.83	4.67

	IDLE	LO CR	HI CR	2500
HC	7051	3677	4374	
LH	1082	460	501	
CO	0.14	0.76	7.42	
NX	272	3709	908	
HS	800	190	245	100
CS	0.14	0.85	7.50	0.35

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	4.84	2.93	3.00	3.35
CO	085.7	024.5	054.3	045.6
C2	344.6	355.4	301.6	338.2
NX	4.56	5.87	5.06	5.37

	IDLE	LO CR	HI CR	2500
HC	4018	3029	4257	
LH	517	317	434	
CO	0.10	1.43	8.62	
NX	499	2950	550	
HS	260	300	320	150
CS	0.15	1.60	7.40	0.50

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	6.58	3.78	3.05	4.16
CO	110.2	064.5	066.0	074.5
C2	284.7	310.6	271.3	294.3
NX	2.20	2.69	2.97	2.67

	IDLE	LO CR	HI CR	2500
HC	6114	3488	0296	
LH	000	000	000	
CO	5.44	0.84	2.15	
NX	088	2582	2355	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C0183 DATE 8/30/73 TEST C0218 DATE 9/04/73 TEST C1040 DATE 3/06/74 TEST C1200 DATE 9/06/74

DRY 74 WET 56 PRES 24.67 DRY 73 WET 54 PRES 24.88 DRY 78 WET 55 PRES 24.32 DRY 70 WET 53 PRES 24.81

MPG 18.88 MPG 20.56 MPG 21.18 MPG 20.99

MAKE PONTIAC MODEL CATA YEAR 65 CYL. 8 CID 389 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.10	-0010	+00	+06	1	2	1	0	1	0	076369
AFTER MAINT	06.00	+0300	+00	-05	1	2	1	0	1	0	076369
AFTER 6 MO	06.23	+0000	-01	-04	1	2	1	0	2	0	078559
AFTER 12 MO	05.20	+0220	-01	-05	1	2	1	0	1	0	081313

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	36.25	33.74	31.40	33.62
CO	224.8	168.6	198.2	188.6
C2	449.2	420.7	374.2	413.7
NX	1.26	0.96	1.11	1.06

	IDLE	LO CR	HI CR	2500
HC	15430	27069	33148	
LH	2500	2500	2500	
CO	3.73	6.73	9.18	
NX	032	180	110	
HS	2500	2500	2500	2500
CS	3.30	6.60	9.40	5.80

TEST C0181 DATE 8/30/73

DRY 75 WET 56 PRES 24.67

MPG 10.91

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	17.29	12.78	11.37	13.33
CO	307.2	219.8	243.4	244.7
C2	404.5	417.5	363.0	399.7
NX	0.62	0.55	0.66	0.60

	IDLE	LO CR	HI CR	2500
HC	11942	4965	5510	
LH	857	621	636	
CO	6.33	7.49	11.09	
NX	024	237	163	
HS	720	350	340	580
CS	6.50	7.80	20.00	8.90

TEST C0219 DATE 9/04/73

DRY 70 WET 54 PRES 24.88

MPG 10.78

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	15.18	14.55	12.58	14.16
CO	260.3	218.6	233.8	231.5
C2	415.6	399.2	335.8	385.1
NX	0.98	0.71	0.77	0.78

	IDLE	LO CR	HI CR	2500
HC	9719	5742	6113	
LH	1077	707	697	
CO	6.19	8.71	10.56	
NX	037	041	002	
HS	860	600	540	900
CS	5.40	7.80	9.90	8.40

TEST C1051 DATE 3/08/74

DRY 72 WET 49 PRES 24.45

MPG 11.22

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	10.18	10.21	9.98	10.14
CO	222.3	209.9	203.2	210.6
C2	407.2	458.4	374.5	424.4
NX	0.65	0.56	0.61	0.59

	IDLE	LO CR	HI CR	2500
HC	7664	5213	6442	
LH	000	000	000	
CO	5.27	4.08	8.59	
NX	046	651	254	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1205 DATE 9/11/74

DRY 78 WET 56 PRES 24.62

MPG 11.31

MAKE PLYMOUTH MODEL BELV YEAR 68 CYL. 8 CID 273 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	09.90	+0001	+02	+02	1	1	1	0	2	0	058630
AFTER MAINT	03.95	+0000	+00	+00	1	1	1	0	2	0	058630
AFTER 6 MO	08.19	-0050	-03	-02	1	2	1	0	2	0	062810
AFTER 12 MO	06.60	+0070	+03	-01	1	1	1	0	1	0	065148

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	1	2	1	1	1	2	1	2	2	1	1	1	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	10.59	8.81	6.55	8.55
CO	203.0	186.7	145.8	178.8
C2	412.3	420.3	369.6	404.5
NX	1.16	1.35	1.86	1.45

	IDLE	LO CR	HI CR	2500
HC	12025	3941	4727	
LH	696	469	553	
CO	10.42	2.82	8.01	
NX	024	991	251	
HS	620	315	360	215
CS	20.00	2.90	8.10	4.60

TEST C0204 DATE 9/04/73

DRY 71 WET 55 PRES 24.77

MPG 12.50

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	10.99	5.26	4.80	6.33
CO	212.0	108.4	130.1	136.1
C2	420.5	422.2	382.3	410.8
NX	0.95	1.53	1.78	1.48

	IDLE	LO CR	HI CR	2500
HC	4066	3937	4699	
LH	801	745	755	
CO	4.24	3.60	8.37	
NX	086	1006	272	
HS	290	280	310	190
CS	4.30	3.40	8.40	4.40

TEST C0270 DATE 9/10/73

DRY 71 WET 62 PRES 24.82

MPG 13.82

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	10.56	8.08	4.44	7.59
CO	219.0	185.2	078.5	162.7
C2	405.2	437.3	399.9	420.2
NX	0.99	1.26	3.73	1.89

	IDLE	LO CR	HI CR	2500
HC	6455	4357	5280	
LH	532	416	470	
CO	8.52	2.59	7.48	
NX	053	1170	315	
HS	460	340	360	220
CS	8.10	2.60	7.10	5.00

TEST C1064 DATE 3/15/74

DRY 70 WET 48 PRES 24.43

MPG 12.73

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	10.57	5.89	4.43	6.46
CO	239.0	146.2	070.9	144.7
C2	480.3	501.2	462.8	486.2
NX	0.95	1.33	3.50	1.85

	IDLE	LO CR	HI CR	2500
HC	5010	3821	4146	
LH	000	000	000	
CO	6.67	0.91	2.48	
NX	057	1103	1046	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1214 DATE 9/20/74

DRY 79 WET 56 PRES 24.94

MPG 12.14

MAKE CHEVROLET MODEL CORV YEAR 65 CYL. 6 CID 164 WEIGHT 2750 TRANS 4 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.70	-0075	+02	-03	0	1	1	0	2	0	076078
AFTER MAINT	04.30	+0500	+07	-03	0	1	1	0	2	0	076078
AFTER 6 MO	04.31	+0300	+00	+02	0	1	1	0	2	0	078647
AFTER 12 MO	02.10	+0020	-04	+07	0	1	2	0	1	0	031475

	IG WS	COIL	SPRKS	AIP/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	1	1	1	2	2	2
TAMP. 12 MO	2	1	1	1	1	2	2	2	2	1	1	2	2	2

AS RECEIVED				AFTER MAINTENANCE				AFTER 6 MONTHS				AFTER 12 MONTHS			
	CT	CS	HT	1975	CT	CS	HT	1975	CT	CS	HT	1975	CT	CS	HT	1975
HC	10.62	8.83	5.85	8.38	10.31	6.44	5.40	6.96	14.43	10.71	7.27	10.53	31.37	38.61	30.86	34.95
CO	093.8	079.8	033.1	069.7	107.7	102.3	084.8	098.6	120.6	111.8	090.9	107.8	111.2	094.4	086.2	095.6
C2	297.9	332.9	155.1	276.2	292.3	339.3	280.4	313.2	303.7	326.5	260.3	304.4	289.4	298.2	244.1	281.3
NX	1.58	1.34	1.77	1.51	1.21	1.11	1.38	1.21	1.23	1.15	1.38	1.23	1.25	1.06	1.11	1.11

	IDLE	LO CR	HI CR	2500	IDLE	LO CR	HI CR	2500	IDLE	LO CR	HI CR	2500	IDLE	LO CR	HI CR	2500
HC	13045	5210	4840		5531	4802	4636		15941	8788	7514		36394	32214	31610	
LH	2088	855	738		500	529	533		1962	791	633		000	000	000	
CO	2.45	3.77	4.05		4.74	4.99	5.15		4.70	5.26	5.40		2.52	4.34	3.54	
NX	046	822	1229		054	376	904		044	614	550		021	203	650	
HS	2500	480	400	400	360	355	375	345	2000	800	560	840	000	000	000	000
CS	2.00	3.60	3.80	4.00	4.55	4.85	4.90	6.10	4.40	4.80	5.00	6.00	0.00	0.00	0.00	0.00

TEST C0209 DATE 9/04/73 TEST C0229 DATE 9/05/73 TEST C1050 DATE 3/08/74 TEST C1201 DATE 9/09/74

DRY 72 WET 53 PRES 24.87 DRY 75 WET 56 PRES 24.87 DRY 70 WET 48 PRES 24.45 DRY 79 WET 54 PRES 24.74

MPG 21.60 MPG 18.18 MPG 17.56 MPG 16.42

MAKE RAMBLER MODEL AMER YEAR 66 CYL. 6 CID 232 WEIGHT 3000 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	07.20	+0040	-05	-01	2	1	1	0	2	0	064169
AFTER MAINT	07.20	+0040	-05	-01	2	1	1	0	2	0	064169
AFTER 6 MO	08.52	+0050	-01	+01	1	1	1	0	2	0	067233
AFTER 12 MO	07.40	+0150	+00	+02	1	2	1	0	2	0	070302

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	10.17	7.78	6.98	8.06
CO	104.7	113.9	097.3	107.4
C2	307.0	279.2	250.8	277.1
NX	3.12	1.51	2.10	2.01

	IDLE	LO CR	HI CR	2500
HC	17023	4650	4177	
LH	1029	706	563	
CO	8.49	2.57	2.62	
NX	026	1805	2058	
HS	720	340	265	730
CS	8.00	2.45	2.00	9.10

TEST C0211 DATE 9/04/73

DRY 77 WET 55 PRES 24.86

MPG 18.90

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	10.17	7.78	6.98	8.06
CO	104.7	113.9	097.3	107.4
C2	307.0	279.2	250.8	277.1
NX	3.12	1.51	2.10	2.01

	IDLE	LO CR	HI CR	2500
HC	17023	4650	4177	
LH	1029	706	563	
CO	8.49	2.57	2.62	
NX	026	1805	2058	
HS	720	340	265	730
CS	8.00	2.45	2.00	9.10

TEST C0211 DATE 9/04/73

DRY 77 WET 55 PRES 24.86

MPG 18.90

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	9.18	11.73	6.89	9.85
CO	094.9	119.2	091.4	106.4
C2	343.5	304.5	268.7	302.7
NX	3.78	1.78	2.83	2.49

	IDLE	LO CR	HI CR	2500
HC	16408	4933	4552	
LH	1192	470	383	
CO	9.32	2.65	3.50	
NX	040	1783	1470	
HS	900	460	320	640
CS	7.60	2.40	3.30	8.00

TEST C1047 DATE 3/07/74

DRY 72 WET 44 PRES 24.35

MPG 17.78

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	8.77	9.87	7.22	8.91
CO	086.0	101.9	091.0	095.6
C2	330.9	309.2	272.3	303.5
NX	3.34	1.48	2.14	2.05

	IDLE	LO CR	HI CR	2500
HC	18453	5360	3925	
LH	000	000	000	
CO	8.49	3.95	2.84	
NX	019	1058	1819	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1202 DATE 9/09/74

DRY 81 WET 56 PRES 24.74

MPG 18.49

MAKE CHEVROLET MODEL IMPA YEAR 67 CYL. 8 CID 283 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.45	+0020	+00	+06	1	2	1	0	2	0	064860
AFTER MAINT	06.22	+0000	+00	+00	1	1	1	0	2	0	064860
AFTER 6 MO	06.56	-0100	+01	+06	1	2	1	0	2	0	069272
AFTER 12 MO	02.80	-0080	+02	-01	1	1	1	0	2	0	075336

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	1
TAMP. 12 MO	2	2	2	2	2	2	2	2	2	1	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	13.28	13.48	11.24	12.82
CO	176.1	178.3	154.2	171.2
C2	452.8	438.1	416.8	435.2
NX	2.32	1.21	2.37	1.77

	IDLE	LO CR	HI CR	2500
HC	8665	6758	8687	
LH	1488	1095	1161	
CO	3.75	3.50	9.60	
NX	224	1268	245	
HS	1090	790	800	180
CS	3.60	3.30	9.20	5.00

TEST C0236 DATE 9/06/73

DRY 76 WET 57 PRES 24.89

MPG 11.96

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	17.44	12.68	10.79	13.15
CO	213.4	190.9	161.8	187.5
C2	425.0	387.7	392.4	396.8
NX	1.58	0.80	1.64	1.19

	IDLE	LO CR	HI CR	2500
HC	7437	5826	6913	
LH	1164	906	1052	
CO	7.00	4.30	8.52	
NX	080	746	231	
HS	1160	880	940	740
CS	7.20	4.40	9.10	6.70

TEST C0381 DATE 9/19/73

DRY 81 WET 55 PRES 24.68

MPG 12.15

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	26.00	17.49	12.78	17.96
CO	255.1	238.8	178.1	225.4
C2	457.6	398.8	382.5	406.6
NX	1.36	0.58	1.09	0.89

	IDLE	LO CR	HI CR	2500
HC	9947	6586	7928	
LH	1224	837	921	
CO	6.45	4.14	9.39	
NX	064	450	127	
HS	1080	760	780	800
CS	6.20	4.00	9.00	6.80

TEST C1073 DATE 3/21/74

DRY 69 WET 48 PRES 24.52

MPG 10.90

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	21.97	15.11	12.89	15.93
CO	239.4	215.6	181.8	211.2
C2	445.4	406.8	387.2	409.5
NX	1.52	0.76	1.39	1.09

	IDLE	LO CR	HI CR	2500
HC	20394	9718	8344	
LH	000	000	000	
CO	3.36	5.63	5.43	
NX	140	542	815	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1218 DATE 9/24/74

DRY 70 WET 49 PRES 24.78

MPG 11.25

MAKE PONTIAC MODEL CATA YEAR 67 CYL. 8 CID 400 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.39	+0000	-04	+03	1	1	1	0	1	0	071128
AFTER MAINT	00.39	+0000	-04	+03	1	1	1	0	1	0	071128
AFTER 6 MO	00.59	+0100	-06	+00	1	1	1	0	2	0	077038
AFTER 12 MO	02.30	+0120	-04	-01	1	1	1	0	2	0	081359

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	1	2	1	2	2	2	2	1	1	1	1	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.75	4.59	4.47	4.80
CO	100.7	058.4	079.5	073.1
C2	546.6	542.1	450.7	517.7
NX	3.32	2.82	3.17	3.02

	IDLE	LO CR	HI CR	2500
HC	3828	3517	3113	
LH	411	377	309	
CO	0.50	2.52	2.94	
NX	163	1371	1727	
HS	240	220	170	135
CS	0.50	2.90	3.00	3.90

TEST C0248 DATE 9/07/73

DRY 72 WET 56 PRES 24.74

MPG 13.75

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.75	4.59	4.47	4.80
CO	100.7	058.4	079.5	073.1
C2	546.6	542.1	450.7	517.7
NX	3.32	2.82	3.17	3.02

	IDLE	LO CR	HI CR	2500
HC	3828	3517	3113	
LH	411	377	309	
CO	0.50	2.52	2.94	
NX	163	1371	1727	
HS	240	220	170	135
CS	0.50	2.90	3.00	3.90

TEST C0248 DATE 9/07/73

DRY 72 WET 56 PRES 24.74

MPG 13.75

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	7.25	4.93	4.73	5.36
CO	137.3	065.9	086.0	086.4
C2	606.0	578.6	500.9	562.8
NX	2.13	2.30	2.64	2.36

	IDLE	LO CR	HI CR	2500
HC	4013	3476	3376	
LH	430	347	299	
CO	0.57	2.11	3.09	
NX	118	1311	1114	
HS	330	260	240	190
CS	0.57	2.00	3.10	2.40

TEST C1053 DATE 3/11/74

DRY 70 WET 50 PRES 24.45

MPG 12.45

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	16.68	5.20	4.60	7.43
CO	216.0	082.3	087.3	111.7
C2	536.2	541.7	443.2	513.2
NX	2.28	2.61	2.84	2.60

	IDLE	LO CR	HI CR	2500
HC	4247	3274	2732	
LH	000	000	000	
CO	2.93	2.50	2.48	
NX	091	1076	1445	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1209 DATE 9/16/74

DRY 73 WET 55 PRES 24.85

MPG 12.51

MAKE PONTIAC MODEL FIRE YEAR 67 CYL. 8 CID 326 WEIGHT 3500 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.90	-0110	+00	-02	1	1	1	0	2	0	042146
AFTER MAINT	05.40	+0120	+00	+03	1	1	1	0	2	0	042146
AFTER 6 MO	07.68	-0100	+00	+00	1	1	1	0	2	0	045915
AFTER 12 MO	05.90	+0000	+00	+03	1	1	1	0	2	0	049512

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	?	1	2	2	2	2	2	2	2	1
TAMP. 12 MO	2	2	1	?	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	9.91	11.88	9.48	10.80
CO	088.4	138.8	091.9	115.2
C2	426.7	365.1	336.8	370.1
NX	4.12	1.85	3.36	2.74

	IDLE LO CR	HI CR	2500
HC	19722	4720	4183
LH	1845	636	566
CO	7.32	2.55	2.31
NX	026	1924	3119
HS	240	355	305	420
CS	6.80	2.70	2.40	5.70

TEST C0267 DATE 9/10/73

DRY 70 WET 61 PRES 24.84

MPG 15.22

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	14.09	12.81	8.76	11.95
CO	115.4	150.8	099.0	129.0
C2	396.2	358.4	352.9	364.8
NX	3.14	1.35	3.52	2.33

	IDLE LO CR	HI CR	2500
HC	18165	4409	4122
LH	1241	537	506
CO	6.53	2.49	2.18
NX	038	1756	2896
HS	740	290	255	330
CS	5.40	2.30	2.00	4.40

TEST C0291 DATE 9/11/73

DRY 74 WET 62 PRES 24.72

MPG 14.72

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	12.49	16.86	9.58	13.93
CO	096.9	151.7	088.5	122.7
C2	463.5	445.2	389.3	433.5
NX	3.21	1.89	3.04	2.48

	IDLE LO CR	HI CR	2500
HC	14008	5650	4632
LH	1762	560	434
CO	8.39	2.47	1.39
NX	036	1428	3190
HS	1450	510	350	600
CS	7.70	2.60	1.40	4.80

TEST C1054 DATE 3/11/74

DRY 70 WET 50 PRES 24.46

MPG 13.29

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	13.33	13.94	10.57	12.88
CO	124.5	161.1	116.1	141.0
C2	440.1	385.2	367.0	391.6
NX	3.15	1.19	2.68	2.01

	IDLE LO CR	HI CR	2500
HC	18024	7356	5085
LH	000	000	000
CO	5.72	5.26	2.27
NX	026	309	2302
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1206 DATE 9/12/74

DRY 69 WET 52 PRES 24.89

MPG 13.62

MAKE CHEVROLET MODEL IMPA YEAR 66 CYL. 8 CID 327 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	08.20	+0045	-02	+03	1	1	1	0	2	0	033735
AFTER MAINT	03.50	+0000	-02	+01	1	1	1	0	2	0	033735
AFTER 6 MO	03.80	+0025	-02	+00	1	1	1	0	2	0	037299
AFTER 12 MO	07.90	+0145	+00	+02	1	1	1	0	2	0	040195

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	1	1	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	1	1	2	2	2	1	1	1	1	2

AS RECEIVED

	CT	CS	HT	1975
HC	10.39	9.29	7.56	9.04
CO	145.9	158.0	121.7	145.4
C2	483.3	420.8	384.3	423.8
NX	3.87	2.09	2.99	2.71

	IDLE	LO CR	HI CR	2500
HC	7578	4619	3854	
LH	871	613	485	
CO	9.00	3.67	2.48	
NX	044	1268	2268	
HS	680	420	280	325
CS	8.80	3.50	2.50	5.00

TEST C0282 DATE 9/11/73

DRY 69 WET 59 PRES 24.79

MPG 13.09

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.78	7.36	6.26	7.56
CO	142.9	118.9	105.7	120.3
C2	444.3	414.3	379.8	411.0
NX	3.03	1.98	2.87	2.44

	IDLE	LO CR	HI CR	2500
HC	6228	4804	4048	
LH	919	750	625	
CO	4.03	4.27	2.79	
NX	063	1106	1977	
HS	520	340	245	320
CS	3.30	3.70	2.60	6.20

TEST C0306 DATE 9/12/73

DRY 79 WET 60 PRES 24.65

MPG 14.28

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	8.77	7.18	6.44	7.31
CO	090.9	072.6	059.2	072.7
C2	509.8	468.5	426.9	465.6
NX	4.79	2.80	4.09	3.57

	IDLE	LO CR	HI CR	2500
HC	10634	6070	4756	
LH	1440	624	449	
CO	1.33	4.04	2.25	
NX	065	1048	2323	
HS	980	700	480	420
CS	3.30	3.50	2.20	1.90

TEST C1060 DATE 3/13/74

DRY 70 WET 51 PRES 24.59

MPG 14.77

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	10.56	8.26	7.00	8.39
CO	152.9	120.0	100.3	121.4
C2	469.4	456.7	408.6	446.0
NX	3.17	2.79	3.48	3.06

	IDLE	LO CR	HI CR	2500
HC	10076	6000	4591	
LH	000	000	000	
CO	8.24	3.24	1.72	
NX	103	1175	2320	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1212 DATE 9/17/74

DRY 77 WET 54 PRES 24.90

MPG 13.43

MAKE DODGE MODEL CORO YEAR 66 CYL. 8 CID 318 WEIGHT 3500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.30	-0100	+05	+00	1	2	1	0	2	0	048219
AFTER MAINT	00.20	+0120	+05	+05	1	2	1	0	2	0	048219
AFTER 6 MO	08.50	+0200	+00	+01	1	1	1	0	2	0	050895
AFTER 12 MO	09.50	+0315	+06	+01	1	1	1	0	2	0	053239

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	14.31	6.77	5.00	7.86
CO	210.6	081.5	059.0	102.3
C2	386.4	437.4	398.0	415.8
NX	1.82	5.12	5.70	4.59

	IDLE	LO CR	HI CR	2500
HC	5777	4765	4219	
LH	720	634	507	
CO	4.79	0.80	2.39	
NX	126	3173	2137	
HS	615	350	390	240
CS	4.40	0.70	2.30	1.40

TEST C0283 DATE 9/11/73

DRY 72 WET 62 PRES 24.79

MPG 14.81

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	12.44	4.15	4.01	5.85
CO	174.3	037.2	035.6	065.4
C2	363.0	430.5	392.5	405.8
NX	1.13	2.59	3.02	2.40

	IDLE	LO CR	HI CR	2500
HC	3677	3659	3517	
LH	727	682	644	
CO	0.25	1.87	2.40	
NX	215	1387	1670	
HS	265	250	200	115
CS	0.25	2.00	2.20	1.65

TEST C0309 DATE 9/12/73

DRY 77 WET 60 PRES 24.65

MPG 16.90

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	15.75	8.98	6.42	9.69
CO	229.1	129.2	077.4	135.8
C2	381.8	411.1	400.2	402.0
NX	1.03	2.62	3.57	2.58

	IDLE	LO CR	HI CR	2500
HC	8686	4354	4055	
LH	805	403	301	
CO	8.71	0.87	2.19	
NX	046	2689	1882	
HS	700	500	400	310
CS	8.80	1.10	1.80	2.00

TEST C1058 DATE 3/13/74

DRY 68 WET 50 PRES 24.60

MPG 13.79

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	15.45	9.71	6.42	10.00
CO	209.1	149.7	079.8	142.7
C2	357.0	390.6	368.3	377.4
NX	1.29	2.54	4.17	2.73

	IDLE	LO CR	HI CR	2500
HC	10771	5151	4715	
LH	000	000	000	
CO	9.64	0.73	3.13	
NX	038	2496	1473	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1208 DATE 9/13/74

DRY 71 WET 55 PRES 24.86

MPG 14.06

MAKE CHEVROLET MODEL BISC YEAR 65 CYL. 8 CID 283 WEIGHT 3500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	08.70	+0050	-14	+00	0	2	1	0	2	0	073598
AFTER MAINT	05.60	+0000	+00	+02	0	2	1	0	2	0	073598
AFTER 6 MO	05.90	+0050	-04	-14	0	1	1	0	2	0	076516
AFTER 12 MO	02.60	+0170	+02	-05	0	1	1	0	2	0	079965

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	1	1	2	2	2	2	1	1	1	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	10.32	8.96	7.11	8.73
CO	160.7	164.3	136.5	155.8
C2	394.3	366.4	341.0	365.2
NX	2.50	1.31	1.96	1.74

	IDLE	LO CR	HI CR	2500
HC	13746	5330	4515	
LH	617	654	546	
CO	9.41	5.69	4.47	
NX	026	616	1207	
HS	800	455	315	550
CS	9.20	5.20	4.20	4.40

TEST C0295 DATE 9/12/73

DRY 71 WET 60 PRES 24.69

MPG 13.97

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	8.27	6.72	5.33	6.66
CO	144.2	133.6	125.4	133.6
C2	394.0	377.0	339.7	370.2
NX	1.42	0.77	1.27	1.04

	IDLE	LO CR	HI CR	2500
HC	6862	4167	3802	
LH	773	689	629	
CO	5.99	5.06	4.39	
NX	050	491	852	
HS	490	355	280	390
CS	5.70	4.80	4.20	5.70

TEST C0324 DATE 9/13/73

DRY 78 WET 56 PRES 24.63

MPG 14.82

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	12.02	10.08	9.31	10.27
CO	146.4	138.4	122.8	135.8
C2	427.4	400.5	363.1	395.7
NX	1.75	0.96	1.50	1.27

	IDLE	LO CR	HI CR	2500
HC	8169	6317	5338	
LH	729	615	493	
CO	5.76	4.27	3.83	
NX	055	556	847	
HS	680	620	620	800
CS	5.60	4.30	4.40	5.00

TEST C1059 DATE 3/13/74

DRY 69 WET 52 PRES 24.59

MPG 13.88

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	9.12	6.43	6.33	6.96
CO	182.4	136.7	138.7	146.8
C2	477.3	421.6	379.4	421.5
NX	1.33	0.67	1.10	0.93

	IDLE	LO CR	HI CR	2500
HC	4842	6440	4956	
LH	000	000	000	
CO	2.73	4.69	4.06	
NX	093	339	644	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1207 DATE 9/13/74

DRY 72 WET 55 PRES 24.86

MPG 13.21

MAKE FORD MODEL MUST YEAR 65 CYL. 6 CID 200 WEIGHT 2750 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.50	+0020	-02	-07	1	1	1	0	1	0	092515
AFTER MAINT	03.50	+0020	-02	-07	1	1	1	0	1	0	092515
AFTER 6 MO	05.27	-0010	+00	-02	1	1	1	0	2	0	094277
AFTER 12 MO	06.40	+0230	+08	-01	1	1	1	0	1	0	095986

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	1	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	9.70	8.66	5.60	8.03
CO	067.8	077.9	048.4	067.6
C2	309.2	295.0	272.2	291.6
NX	3.67	2.03	3.44	2.77

	IDLE	LO CR	HI CR	2500
HC	5810	4998	4775	
LH	544	562	561	
CO	3.97	4.71	5.42	
NX	061	529	922	
HS	450	355	340	240
CS	3.80	4.50	5.00	3.50

TEST C0297 DATE 9/12/73

DRY 71 WET 60 PRES 24.68

MPG 21.04

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.70	8.66	5.60	8.03
CO	067.8	077.9	048.4	067.6
C2	309.2	295.0	272.2	291.6
NX	3.67	2.03	3.44	2.77

	IDLE	LO CR	HI CR	2500
HC	5810	4998	4775	
LH	544	562	561	
CO	3.97	4.71	5.42	
NX	061	529	922	
HS	450	355	340	240
CS	3.80	4.50	5.00	3.50

TEST C0297 DATE 9/12/73

DRY 71 WET 60 PRES 24.68

MPG 21.04

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	8.18	8.51	6.51	7.89
CO	064.4	074.7	051.4	066.1
C2	291.1	285.1	272.1	282.7
NX	3.84	2.34	3.51	3.01

	IDLE	LO CR	HI CR	2500
HC	9817	6546	5115	
LH	829	519	413	
CO	5.13	4.29	1.22	
NX	051	696	3617	
HS	800	480	320	500
CS	5.00	4.20	1.20	5.40

TEST C1063 DATE 3/15/74

DRY 69 WET 48 PRES 24.43

MPG 21.64

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	9.19	9.14	6.13	8.31
CO	069.3	084.6	056.1	073.5
C2	292.6	277.6	257.4	275.1
NX	3.27	1.62	2.77	2.28

	IDLE	LO CR	HI CR	2500
HC	11673	6460	5476	
LH	000	000	000	
CO	6.45	3.23	2.47	
NX	033	337	2014	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1213 DATE 9/18/74

DRY 74 WET 52 PRES 24.79

MPG 21.37

MAKE VOLKSWAGON MODEL SEDA YEAR 65 CYL. 4 CID 073 WEIGHT 2000 TRANS 4 EXH CTRL 2 EVAP CTRL 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MTS	NOX	ODOM
AS RECEIVED	01.47	-0085	-01	-01	0	1	1	0	1	0	089782
AFTER MAINT	05.40	+0575	-01	-02	0	1	1	0	2	0	089782
AFTER 6 MO	07.20	+0125	-10	-15	0	1	1	0	2	0	098220
AFTER 12 MO	00.36	+0000	+00	+00	0	1	1	0	2	0	109800

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	2	1	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.56	6.02	4.38	5.47
CO	075.7	091.5	060.7	079.6
C2	243.0	226.7	210.4	225.6
NX	3.23	1.24	2.78	2.08

	IDLE	LO CR	HI CR	2500
HC	12924	4315	3128	
LH	2042	518	440	
CO	1.76	4.61	1.91	
NX	072	1198	3889	
HS	1350	240	160	360
CS	1.50	4.20	1.80	8.10

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.95	6.93	4.41	5.77
CO	077.0	103.6	066.0	087.6
C2	232.5	209.2	197.0	210.7
NX	2.41	0.92	1.88	1.50

	IDLE	LO CR	HI CR	2500
HC	7918	4068	3038	
LH	1143	707	566	
CO	6.00	5.15	2.37	
NX	052	986	2958	
HS	465	265	190	500
CS	5.60	4.70	2.35	9.30

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	4.22	4.59	3.57	4.23
CO	080.9	109.2	069.6	092.3
C2	263.6	259.5	222.9	250.2
NX	2.69	1.29	2.23	1.84

	IDLE	LO CR	HI CR	2500
HC	8597	4215	3251	
LH	451	306	245	
CO	9.02	4.70	2.55	
NX	072	537	2243	
HS	500	400	390	560
CS	7.60	7.10	2.80	5.20

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	4.29	6.31	4.08	5.27
CO	064.2	088.4	059.2	075.2
C2	225.0	230.8	205.5	222.6
NX	2.07	1.09	1.91	1.52

	IDLE	LO CR	HI CR	2500
HC	17128	5160	3517	
LH	000	000	000	
CO	0.50	5.88	3.40	
NX	069	307	1841	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C0296 DATE 9/12/73 TEST C0325 DATE 9/13/73 TEST C1062 DATE 3/14/74 TEST C1210 DATE 9/16/74

DRY 69 WET 60 PRES 24.68 DRY 78 WET 56 PRES 24.63 DRY 70 WET 48 PRES 24.15 DRY 70 WET 54 PRES 24.85

MPG 24.20 MPG 24.30 MPG 21.80 MPG 24.92

MAKE FORD MODEL TORI YEAR 70 CYL. 8 CID 351 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.60	-0100	+06	-04	2	1	1	0	1	0	045898
AFTER MAINT	04.95	+0000	+00	+00	1	1	1	0	2	0	045898
AFTER 6 MO	05.75	-0150	+02	+02	1	1	1	0	2	0	053704
AFTER 12 MO	05.50	-0080	-05	+01	1	1	1	0	2	0	064380

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED	CT	CS	HT	1975
HC	7.12	7.23	7.01	7.15
CO	074.3	023.4	027.3	035.1
C2	508.3	492.7	451.1	484.4
NX	6.51	5.22	8.14	6.30

	IDLE	LO CR	HI CR	2500
HC	10686	6964	2939	
LH	974	1360	578	
CO	0.79	0.14	0.74	
NX	166	2700	4230	
HS	1150	750	170	2500
CS	0.80	0.20	0.70	0.60

TEST C0310 DATE 9/13/73

DRY 69 WET 59 PRES 24.66

MPG 15.84

AFTER MAINTENANCE	CT	CS	HT	1975
HC	7.78	4.09	3.94	4.82
CO	097.8	075.3	051.5	073.4
C2	546.6	530.4	486.3	521.6
NX	2.09	1.55	2.15	1.83

	IDLE	LO CR	HI CR	2500
HC	4368	2069	2268	
LH	412	233	234	
CO	6.19	0.60	1.12	
NX	081	772	1447	
HS	290	140	145	080
CS	5.20	0.65	1.20	1.25

TEST C0382 DATE 9/19/73

DRY 78 WET 54 PRES 24.68

MPG 13.66

AFTER 6 MONTHS	CT	CS	HT	1975
HC	11.45	7.98	5.95	8.14
CO	129.6	106.9	067.7	100.8
C2	417.7	425.9	381.4	411.8
NX	2.46	1.66	2.81	2.15

	IDLE	LO CR	HI CR	2500
HC	12606	4159	3979	
LH	896	380	350	
CO	10.07	1.56	2.43	
NX	029	2184	2185	
HS	580	340	390	460
CS	5.20	1.20	2.20	2.10

TEST C1070 DATE 3/19/74

DRY 70 WET 49 PRES 24.50

MPG 14.95

AFTER 12 MONTHS	CT	CS	HT	1975
HC	16.87	6.69	5.94	8.61
CO	166.6	114.7	085.7	117.5
C2	444.7	430.3	373.4	417.5
NX	3.50	2.64	3.48	3.05

	IDLE	LO CR	HI CR	2500
HC	10782	3494	3724	
LH	000	000	000	
CO	10.65	1.28	2.80	
NX	026	1412	1886	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1217 DATE 9/23/74

DRY 80 WET 53 PRES 24.64

MPG 14.15

MAKE OLDSMOBILE MODEL DYNA YEAR 66 CYL. 8 CID 425 WEIGHT 4500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.75	-0060	+02	+01	1	2	1	0	2	0	048553
AFTER MAINT	07.04	+0000	+00	+00	1	1	1	0	2	0	048553
AFTER 6 MO	05.75	+0120	+02	+03	1	1	1	0	2	0	050741
AFTER 12 MO	08.90	+0130	-05	+03	1	2	1	0	2	0	053441

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	?	2	2	2	?	?	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	9.11	4.73	5.15	5.76
CO	208.5	099.4	113.3	126.1
C2	654.3	670.9	557.0	635.8
NX	1.88	1.44	1.88	1.66

	IDLE	LO CR	HI CR	2500
HC	2965	3115	3511	
LH	450	464	496	
CO	0.86	1.96	4.25	
NX	116	634	767	
HS	130	140	170	105
CS	0.70	0.80	4.30	3.10

TEST C0327 DATE 9/14/73

DRY 70 WET 59 PRES 24.80

MPG 10.45

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	11.20	9.75	7.52	9.44
CO	207.6	151.3	141.6	160.4
C2	549.3	501.0	445.2	495.7
NX	2.50	1.83	2.41	2.13

	IDLE	LO CR	HI CR	2500
HC	8110	4078	4228	
LH	890	556	541	
CO	8.14	3.23	6.47	
NX	030	1218	672	
HS	810	405	370	900
CS	7.40	3.30	6.60	5.20

TEST C0374 DATE 9/19/73

DRY 79 WET 56 PRES 24.68

MPG 11.46

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	45.97	35.32	33.89	37.15
CO	212.5	146.6	146.2	160.3
C2	470.3	454.7	394.5	441.3
NX	1.61	1.52	1.87	1.63

	IDLE	LO CR	HI CR	2500
HC	14900	14196	14649	
LH	1932	1852	1838	
CO	6.30	3.13	5.08	
NX	044	1184	526	
HS	2500	2500	2500	2500
CS	5.60	7.40	4.80	4.60

TEST C1069 DATE 3/19/74

DRY 68 WET 48 PRES 24.50

MPG 10.99

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	13.37	9.19	7.21	9.52
CO	220.6	159.7	148.2	169.3
C2	552.4	515.7	469.3	510.5
NX	2.64	1.86	2.65	2.24

	IDLE	LO CR	HI CR	2500
HC	12495	4286	3966	
LH	000	000	000	
CO	8.95	2.07	3.17	
NX	020	961	1606	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1215 DATE 9/20/74

DRY 76 WET 56 PRES 24.94

MPG 11.04

MAKE CHEVRCLET MODEL NOVA YEAR 72 CYL. 8 CID 350 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.30	+0000	+10	-04	2	2	1	0	2	0	025592
AFTER MAINT	03.03	+0000	+00	+00	1	1	1	0	2	0	025592
AFTER 6 MO	01.37	+0100	+02	+01	1	1	1	0	2	0	028178
AFTER 12 MO	01.10	+0400	+02	-03	1	1	1	0	2	0	030859

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	1	1	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	1	2	2	2	1	1	1	1	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.73	3.80	3.20	4.25
CO	124.9	036.4	037.7	055.3
C2	578.1	594.4	497.7	564.?
NX	4.21	2.88	4.60	3.63

	IDLE	LO CR	HI CR	2500
HC	2853	3028	2367	
LH	530	603	490	
CO	1.20	1.24	0.23	
NX	361	1788	2956	
HS	220	220	130	135
CS	1.50	1.30	0.25	1.60

TEST C0346 DATE 9/17/73

DRY 72 WET 56 PRES 24.92

MPG 13.40

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	3.41	3.33	3.19	3.31
CO	068.6	054.5	058.2	058.4
C2	628.0	637.5	509.8	600.1
NX	2.87	1.75	2.34	2.14

	IDLE	LO CR	HI CR	2500
HC	2900	2973	1755	
LH	269	283	190	
CO	3.19	2.28	0.45	
NX	194	1045	1647	
HS	225	220	090	130
CS	3.50	2.20	0.50	3.00

TEST C0379 DATE 9/19/73

DRY 82 WET 55 PRES 24.68

MPG 12.68

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	4.46	3.39	2.47	3.36
CO	092.5	039.5	036.1	049.7
C2	514.8	535.7	430.0	502.0
NX	2.81	1.77	2.99	2.33

	IDLE	LO CR	HI CR	2500
HC	1910	1721	1088	
LH	340	310	170	
CO	1.14	1.08	0.27	
NX	116	1035	1960	
HS	230	220	090	080
CS	0.90	1.40	0.20	1.40

TEST C1074 DATE 3/21/74

DRY 72 WET 50 PRES 24.52

MPG 15.08

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	4.37	3.69	3.16	3.68
CO	069.2	038.1	038.7	044.8
C2	597.2	701.1	537.9	674.1
NX	3.30	2.90	3.14	3.05

	IDLE	LO CR	HI CR	2500
HC	3287	2707	2883	
LH	000	000	000	
CO	1.15	1.28	1.85	
NX	708	476	1177	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1219 DATE 9/24/74

DRY 74 WET 51 PRES 24.78

MPG 12.44

MAKE FORD MODEL MUST YEAR 66 CYL. 8 CID 289 WEIGHT 3000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.40	-0135	-06	-02	1	1	1	0	2	0	038659
AFTER MAINT	02.34	+0000	+00	+00	1	1	1	0	2	0	038659
AFTER 6 MO	04.63	-0050	+00	+08	1	1	1	0	2	0	041108
AFTER 12 MO	02.90	+0060	-01	+04	1	1	1	0	2	0	043483

	IG WS	COIL	SPRKS	AIR/F	A/C	F/NX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	11.01	8.47	5.67	8.22
CO	110.0	089.3	053.6	083.7
C2	459.4	416.4	430.9	421.1
NX	3.16	3.00	3.97	3.30

	IDLE	LO CR	HI CR	2500
HC	5604	5329	4664	
LH	954	953	777	
CO	3.53	1.00	1.44	
NX	060	2211	1954	
HS	580	560	400	270
CS	3.70	1.10	1.50	6.80

TEST C0340 DATE 9/17/73

DRY 70 WET 58 PRES 24.83

MPG 15.39

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	10.82	7.73	5.82	7.85
CO	106.6	074.0	046.1	073.1
C2	447.4	418.6	398.7	419.1
NX	3.50	3.62	4.20	3.76

	IDLE	LO CR	HI CR	2500
HC	4028	4675	3979	
LH	508	633	471	
CO	2.54	0.76	1.23	
NX	072	2436	2158	
HS	355	420	290	220
CS	2.50	0.70	1.20	1.70

TEST C0409 DATE 9/21/73

DRY 73 WET 52 PRES 24.65

MPG 15.94

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	9.54	8.14	6.13	7.87
CO	100.0	089.3	050.4	080.8
C2	445.8	396.0	376.9	401.1
NX	3.67	3.62	5.05	4.03

	IDLE	LO CR	HI CR	2500
HC	6026	6071	5062	
LH	567	604	444	
CO	4.43	1.10	1.75	
NX	072	2330	2058	
HS	480	520	300	260
CS	4.20	1.00	1.70	2.20

TEST C1072 DATE 3/20/74

DRY 74 WET 50 PRES 24.70

MPG 16.11

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	11.10	8.47	6.56	8.49
CO	123.0	095.7	067.0	093.4
C2	464.2	404.7	380.5	410.4
NX	3.62	3.34	3.81	3.53

	IDLE	LO CR	HI CR	2500
HC	5002	6575	5802	
LH	000	000	000	
CO	2.90	1.15	2.44	
NX	063	2086	1873	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1221 DATE 9/26/74

DRY 76 WET 51 PRES 24.60

MPG 15.25

MAKE FORD MODEL GALA YEAR 66 CYL. 8 CID 352 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.60	+0060	+10	-04	1	1	1	0	2	0	078274
AFTER MAINT	03.70	+0000	+00	+00	1	1	1	0	2	0	078274
AFTER 6 MO	10.60	+0000	+00	+02	1	1	1	0	2	0	082799
AFTER 12 MO	03.10	+0130	-01	-01	1	1	1	0	2	0	088838

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	1	1	1	2	2	1	2	1	1	1	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	10.65	8.78	6.57	8.56
CO	129.6	136.5	095.2	123.6
C2	518.1	478.2	440.1	476.0
NX	4.39	3.59	3.72	3.80

	IDLE	LO CR	HI CR	2500
HC	5055	3610	3740	
LH	751	610	630	
CO	6.85	2.15	2.31	
NX	092	1727	2330	
HS	505	410	300	210
CS	7.20	2.60	2.55	3.00

TEST C0344 DATE 9/17/73

DRY 70 WET 56 PRES 24.86

MPG 12.78

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	11.20	10.10	6.07	9.21
CO	112.2	099.3	062.5	091.8
C2	461.4	434.3	406.6	432.3
NX	2.96	3.28	3.68	3.32

	IDLE	LO CR	HI CR	2500
HC	9679	4123	3664	
LH	1191	644	550	
CO	7.13	1.18	0.98	
NX	070	2289	2813	
HS	320	275	210	270
CS	4.00	1.10	0.80	1.80

TEST C0472 DATE 9/28/73

DRY 70 WET 55 PRES 24.85

MPG 14.71

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	14.89	15.14	9.81	13.61
CO	137.8	176.9	110.7	150.4
C2	503.1	475.0	463.1	477.6
NX	2.67	2.41	3.04	2.64

	IDLE	LO CR	HI CR	2500
HC	12484	4570	3727	
LH	748	414	302	
CO	11.32	2.37	1.89	
NX	017	1342	1902	
HS	650	385	250	240
CS	9.60	2.40	1.80	4.10

TEST C1077 DATE 3/25/74

DRY 73 WET 52 PRES 24.53

MPG 11.77

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	8.45	7.33	5.24	6.98
CO	118.3	123.3	054.9	103.3
C2	544.4	538.9	455.1	516.8
NX	4.51	4.06	5.18	4.47

	IDLE	LO CR	HI CR	2500
HC	5008	4497	3892	
LH	000	000	000	
CO	3.52	1.01	0.98	
NX	136	1879	2576	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1216 DATE 9/23/74

DRY 75 WET 54 PRES 24.67

MPG 12.70

MAKE CHEVROLET MODEL BELA YEAR 65 CYL. 8 CID 283 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	02.40	+0000	+02	+01	0	2	1	0	2	0	130460
AFTER MAINT	02.36	+0000	+00	+00	0	1	1	0	2	0	130460
AFTER 6 MO	01.90	-0030	+08	-01	0	1	1	0	2	0	133797
AFTER 12 MO	02.00	+0150	+02	+01	0	1	1	0	2	0	138605

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	1	1	2	2	2	2	1	1	1	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	11.44	8.51	7.77	8.92
CO	151.3	160.5	141.5	153.3
C2	418.8	394.9	349.9	387.4
NX	1.81	0.62	1.18	1.02

	IDLE	LO CR	HI CR	2500
HC	5367	5454	5891	
LH	776	776	783	
CO	2.65	4.72	7.52	
NX	088	628	406	
HS	700	640	620	550
CS	2.75	4.70	8.00	5.00

TEST C0370 DATE 9/19/73

DRY 72 WET 56 PRES 24.67

MPG 13.57

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	12.38	8.70	7.56	9.15
CO	191.8	188.9	161.0	181.8
C2	434.6	397.3	350.3	392.1
NX	1.49	0.51	1.03	0.86

	IDLE	LO CR	HI CR	2500
HC	4712	4939	6306	
LH	651	617	692	
CO	2.56	5.76	10.75	
NX	077	397	202	
HS	580	520	575	550
CS	2.50	5.70	20.00	6.60

TEST C0425 DATE 9/24/73

DRY 75 WET 51 PRES 24.49

MPG 12.61

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	11.03	8.48	7.66	8.79
CO	167.3	175.7	151.5	167.3
C2	432.2	403.2	352.1	395.1
NX	1.25	0.40	0.72	0.67

	IDLE	LO CR	HI CR	2500
HC	4510	5495	5899	
LH	507	553	543	
CO	1.59	4.44	6.90	
NX	073	416	312	
HS	480	500	460	560
CS	2.00	4.40	6.50	5.70

TEST C1075 DATE 3/25/74

DRY 70 WET 50 PRES 24.53

MPG 12.99

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	10.44	7.60	7.33	8.12
CO	181.3	159.6	151.1	161.8
C2	442.2	401.3	366.7	400.2
NX	1.60	0.69	1.24	1.04

	IDLE	LO CR	HI CR	2500
HC	5687	6469	5522	
LH	000	000	000	
CO	2.08	4.44	4.14	
NX	071	528	986	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1222 DATE 9/27/74

DRY 74 WET 53 PRES 24.49

MPG 13.10

MAKE OLDSMOBILE MODEL STAW YEAR 70 CYL. 8 CID 455 WEIGHT 4500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.50	-0005	-02	+01	2	2	1	0	2	0	033747
AFTER MAINT	01.50	-0005	-02	+01	2	2	1	0	2	0	033747
AFTER 6 MO	01.44	+0020	+02	-02	1	1	1	0	2	0	036400
AFTER 12 MO	01.40	+0000	+00	+00	1	2	1	0	2	0	039917

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.69	4.89	4.41	5.13
CO	091.2	067.5	056.3	069.3
C2	734.8	698.9	630.9	687.5
NX	5.05	3.44	4.97	4.20

	IDLE	LO CR	HI CR	2500
HC	3004	3307	2903	
LH	277	383	311	
CO	1.60	1.60	1.03	
NX	080	1410	2172	
HS	180	240	162	080
CS	1.90	1.80	1.10	1.50

TEST C0387 DATE 9/20/73

DRY 71 WET 54 PRES 24.70

MPG 10.96

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.69	4.89	4.41	5.13
CO	091.2	067.5	056.3	069.3
C2	734.8	698.9	630.9	687.5
NX	5.05	3.44	4.97	4.20

	IDLE	LO CR	HI CR	2500
HC	3004	3307	2903	
LH	277	383	311	
CO	1.60	1.60	1.03	
NX	080	1410	2172	
HS	180	240	162	080
CS	1.90	1.80	1.10	1.50

TEST C0387 DATE 9/20/73

DRY 71 WET 54 PRES 24.70

MPG 10.96

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.16	4.60	4.00	4.76
CO	110.8	052.8	053.7	065.2
C2	680.2	701.7	591.8	666.7
NX	3.86	3.81	4.75	4.08

	IDLE	LO CR	HI CR	2500
HC	3188	3214	2774	
LH	266	257	190	
CO	1.59	1.30	1.07	
NX	100	1298	1837	
HS	220	200	140	060
CS	1.50	1.20	1.00	1.20

TEST C1068 DATE 3/18/74

DRY 72 WET 51 PRES 24.58

MPG 11.36

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	5.98	5.11	4.40	5.10
CO	091.5	059.5	056.5	065.4
C2	685.0	666.6	575.7	645.3
NX	3.98	2.94	3.94	3.44

	IDLE	LO CR	HI CR	2500
HC	3322	3853	2814	
LH	000	000	000	
CO	1.50	1.58	0.77	
NX	096	1040	1909	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1211 DATE 9/17/74

DRY 69 WET 50 PRES 24.90

MPG 11.66

MAKE MERCURY MODEL COUG YEAR 69 CYL. 8 CID 351 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.30	-0050	-06	+00	1	2	1	0	2	0	047191
AFTER MAINT	01.20	+0000	+00	+00	1	1	1	0	2	0	047191
AFTER 6 MO	01.70	+0075	+02	+00	1	1	1	0	2	0	049753
AFTER 12 MO	00.80	+0080	+01	+00	1	2	1	0	2	0	051988

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.16	3.96	3.97	4.43
CO	053.8	020.1	019.7	027.0
C2	547.2	548.8	479.9	529.3
NX	5.54	4.36	5.94	5.05

	IDLE	LO CR	HI CR	2500
HC	2747	3523	3740	
LH	324	420	435	
CO	0.37	0.23	0.81	
NX	233	2387	3327	
HS	190	240	260	100
CS	0.45	0.25	0.85	0.45

TEST C0397 DATE 9/21/73

DRY 70 WET 55 PRES 24.56

MPG 15.20

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.93	4.62	4.57	5.09
CO	040.9	019.9	016.6	023.4
C2	558.2	535.4	478.6	524.4
NX	7.78	5.96	8.25	6.98

	IDLE	LO CR	HI CR	2500
HC	3362	4103	3980	
LH	315	596	536	
CO	1.37	0.18	0.54	
NX	092	2984	5013	
HS	190	285	285	100
CS	1.40	0.17	0.50	0.45

TEST C0451 DATE 9/26/73

DRY 71 WET 53 PRES 24.85

MPG 15.43

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.07	4.32	3.93	4.58
CO	054.5	029.4	022.5	032.8
C2	529.3	526.7	468.2	511.0
NX	5.38	4.57	5.74	5.07

	IDLE	LO CR	HI CR	2500
HC	3929	3669	3757	
LH	427	372	361	
CO	0.56	0.17	0.92	
NX	170	2895	3046	
HS	310	265	260	075
CS	1.60	0.18	0.90	0.40

TEST C1079 DATE 3/25/74

DRY 72 WET 56 PRES 24.63

MPG 15.44

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	6.52	3.43	3.35	4.05
CO	087.6	017.9	019.3	032.9
C2	497.1	525.0	446.8	497.5
NX	5.28	4.83	6.37	5.35

	IDLE	LO CR	HI CR	2500
HC	3363	3033	3769	
LH	000	000	000	
CO	0.83	0.16	1.17	
NX	238	1707	2555	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1220 DATE 9/25/74

DRY 79 WET 53 PRES 24.77

MPG 15.85

MAKE VOLKSWAGON MODEL SEDA YEAR 70 CYL. 4 CID 097 WEIGHT 2000 TRANS 4 EXH CTRL 1 EVAP CTRL 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.20	-0060	+05	+00	0	1	1	0	2	0	012474
AFTER MAINT	06.74	+0000	+00	+00	0	1	1	0	2	0	012474
AFTER 6 MO	07.70	+0100	+00	+00	0	1	1	0	2	0	018485
AFTER 12 MO	07.20	+0050	+00	+00	0	1	1	0	2	0	024974

	IG WS	COIL	SPRKS	AIR/F	A/C	E/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.35	6.21	5.28	5.77
CO	076.4	063.6	069.0	067.8
C2	301.3	339.3	255.4	308.1
NX	2.64	1.87	2.24	2.14

	IDLE	LO CR	HI CR	2500
HC	8898	2754	2993	
LH	745	265	307	
CO	4.45	1.61	3.06	
NX	051	1172	2276	
HS	200	205	210	180
CS	4.50	1.75	3.10	1.60

TEST C0413 DATE 9/24/73

DRY 72 WET 54 PRES 24.49

MPG 20.58

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.80	6.51	4.84	6.31
CO	098.3	073.6	072.5	078.5
C2	269.1	287.7	240.7	270.8
NX	1.92	1.40	1.59	1.56

	IDLE	LO CR	HI CR	2500
HC	14028	3520	3504	
LH	2242	706	674	
CO	8.92	2.11	4.08	
NX	033	828	1731	
HS	1350	210	210	300
CS	7.00	2.10	4.00	3.20

TEST C0468 DATE 9/27/73

DRY 70 WET 54 PRES 24.98

MPG 21.51

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.73	6.55	4.91	5.92
CO	069.1	081.4	063.8	073.9
C2	300.3	321.3	271.3	303.0
NX	2.33	1.57	1.92	1.83

	IDLE	LO CR	HI CR	2500
HC	13322	3008	2738	
LH	799	273	270	
CO	8.51	1.91	2.47	
NX	025	1130	2075	
HS	695	210	190	150
CS	8.80	2.00	2.40	2.90

TEST C1081 DATE 3/27/74

DRY 68 WET 50 PRES 24.62

MPG 20.34

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	5.60	4.63	3.76	4.59
CO	074.8	064.4	055.3	064.1
C2	288.3	297.8	250.4	282.6
NX	3.08	2.23	2.44	2.47

	IDLE	LO CR	HI CR	2500
HC	10662	3397	3077	
LH	000	000	000	
CO	8.42	2.25	2.06	
NX	040	750	2389	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1225 DATE 10/02/74

DRY 73 WET 51 PRES 24.85

MPG 22.39

MAKE VOLKSWAGON MODEL SEDA YEAR 66 CYL. 4 CID 078 WEIGHT 2000 TRANS 4 EXH CTRL 2 EVAP CTRL 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	09.30	+0465	+10	+00	0	1	1	0	2	0	048575
AFTER MAINT	04.30	+0325	+02	+00	0	1	1	0	2	0	048575
AFTER 6 MO	09.40	+0075	+01	+00	0	1	1	0	1	0	050552
AFTER 12 MO	08.60	+0455	-05	+00	0	1	1	0	2	0	052644

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.37	12.27	8.16	10.31
CO	102.9	130.5	099.9	116.2
C2	246.6	251.5	233.3	245.4
NX	3.33	1.59	2.61	2.23

	IDLE	LO CR	HI CR	2500
HC	13235	4488	3831	
LH	1039	501	400	
CO	10.37	5.37	4.15	
NX	026	1365	2286	
HS	860	380	290	420
CS	9.20	5.20	4.00	7.60

TEST C0415 DATE 9/24/73

DRY 70 WET 57 PRES 24.51

MPG 19.34

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.22	8.25	5.42	7.25
CO	088.3	094.1	078.4	088.5
C2	248.1	236.0	205.8	230.2
NX	2.63	1.46	2.10	1.92

	IDLE	LO CR	HI CR	2500
HC	5467	4428	3633	
LH	504	508	445	
CO	4.92	6.54	3.96	
NX	056	635	2526	
HS	365	335	260	340
CS	4.90	6.20	3.80	5.50

TEST C0437 DATE 9/25/73

DRY 70 WET 52 PRES 24.48

MPG 22.71

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	13.11	16.21	11.15	14.16
CO	113.2	140.6	111.0	126.7
C2	221.7	238.9	214.6	228.6
NX	1.04	0.63	0.86	0.78

	IDLE	LO CR	HI CR	2500
HC	25579	6849	5716	
LH	1452	588	514	
CO	9.93	8.12	6.29	
NX	031	035	617	
HS	1900	550	420	550
CS	9.00	7.60	6.00	8.60

TEST C1083 DATE 3/28/74

DRY 69 WET 50 PRES 24.56

MPG 18.85

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	9.55	9.50	6.93	8.79
CO	106.4	108.9	089.4	103.0
C2	219.0	242.3	197.6	225.0
NX	1.33	0.76	1.06	0.96

	IDLE	LO CR	HI CR	2500
HC	21411	5652	5069	
LH	000	000	000	
CO	9.67	6.99	5.93	
NX	015	149	760	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1228 DATE 10/03/74

DRY 74 WET 50 PRES 24.74

MPG 21.48

MAKE FORD MODEL MUST YEAR 66 CYL. 8 CID 289 WEIGHT 3000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	08.50	+0000	+01	+00	1	1	1	0	2	0	081058
AFTER MAINT	02.70	+0000	+00	+00	1	1	1	0	2	0	081058
AFTER 6 MO	05.10	+0000	+00	+00	1	1	1	0	1	0	087553
AFTER 12 MO	03.50	+0120	-02	-06	1	1	1	0	2	0	093522

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	1	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	12.59	11.54	8.13	10.81
CO	152.1	151.3	087.0	133.6
C2	403.2	399.7	379.2	394.7
NX	1.87	1.60	2.78	1.98

	IDLE	LO CR	HI CR	2500
HC	8852	4350	3940	
LH	724	542	476	
CO	9.69	2.00	2.24	
NX	027	1308	1789	
HS	540	390	300	700
CS	9.10	2.10	2.20	4.20

TEST C0432 DATE 9/25/73

DRY 70 WET 53 PRES 24.49

MPG 13.94

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.95	6.82	5.21	7.03
CO	135.2	101.7	060.6	097.3
C2	390.5	424.5	374.3	403.5
NX	1.93	2.00	3.01	2.27

	IDLE	LO CR	HI CR	2500
HC	4062	4308	3977	
LH	529	618	556	
CO	3.12	1.45	1.63	
NX	083	1316	2561	
HS	325	365	285	500
CS	3.00	1.55	1.80	2.20

TEST C0452 DATE 9/26/73

DRY 69 WET 52 PRES 24.88

MPG 15.39

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	8.95	6.69	4.82	6.64
CO	143.5	116.8	069.7	109.4
C2	402.8	393.4	364.0	387.2
NX	1.43	1.01	1.50	1.26

	IDLE	LO CR	HI CR	2500
HC	12132	4674	4033	
LH	1455	464	369	
CO	5.13	1.98	2.39	
NX	050	907	1312	
HS	1050	325	240	310
CS	4.10	1.70	2.20	3.70

TEST C1080 DATE 3/26/74

DRY 76 WET 53 PRES 24.63

MPG 15.36

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	6.97	5.11	4.38	5.29
CO	137.0	102.5	070.8	100.9
C2	461.3	458.5	380.7	437.5
NX	2.10	1.55	2.21	1.85

	IDLE	LO CR	HI CR	2500
HC	4842	4605	4511	
LH	000	000	000	
CO	4.76	2.59	2.84	
NX	084	612	1522	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1224 DATE 9/30/74

DRY 72 WET 50 PRES 24.85

MPG 14.53

MAKE FORD MODEL STAW YEAR 65 CYL. 8 CID 289 WEIGHT 4500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.80	+0020	-03	+03	1	1	1	0	2	0	071092
AFTER MAINT	03.06	+0000	+00	+00	1	1	1	0	2	0	071092
AFTER 6 MO	05.70	+0050	+02	+00	1	1	1	0	2	0	073888
AFTER 12 MO	01.70	+0120	+04	+00	1	1	1	0	2	0	077604

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	1	1	2	2	2	2	1	1	1	2	1

AS RECEIVED

	CT	CS	HT	1975
HC	17.03	13.84	10.72	13.64
CO	190.7	155.8	132.6	156.7
C2	486.1	477.8	450.2	471.9
NX	2.11	1.99	2.54	2.17

	IDLE	LO CR	HI CR	2500
HC	6219	5411	5347	
LH	844	768	704	
CO	4.83	3.61	6.46	
NX	072	1000	445	
HS	770	600	470	520
CS	4.00	3.70	6.50	4.60

TEST C0427 DATE 9/25/73

DRY 72 WET 56 PRES 24.48

MPG 11.70

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	18.22	13.74	10.46	13.77
CO	199.3	143.5	115.9	147.6
C2	478.3	459.7	457.9	453.1
NX	2.45	2.22	3.64	2.66

	IDLE	LO CR	HI CR	2500
HC	7212	6154	4762	
LH	913	801	569	
CO	3.42	3.15	1.78	
NX	060	1347	2372	
HS	780	575	310	390
CS	3.60	3.40	1.90	4.40

TEST C0477 DATE 9/28/73

DRY 71 WET 56 PRES 24.86

MPG 12.06

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	15.05	12.40	8.55	11.91
CO	158.1	132.5	101.9	129.4
C2	456.7	457.7	425.1	448.5
NX	2.06	1.95	2.57	2.15

	IDLE	LO CR	HI CR	2500
HC	10236	6249	4494	
LH	1108	646	394	
CO	5.73	3.01	2.35	
NX	053	1086	1640	
HS	920	613	380	600
CS	5.20	3.00	2.20	4.10

TEST C1079 DATE 3/26/74

DRY 68 WET 49 PRES 24.63

MPG 12.92

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	16.06	11.91	8.70	11.89
CO	187.4	128.7	118.5	138.1
C2	471.6	479.3	432.3	464.7
NX	2.37	2.57	2.75	2.58

	IDLE	LO CR	HI CR	2500
HC	9297	7434	5303	
LH	000	000	000	
CO	1.78	3.85	3.21	
NX	142	1069	1532	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1223 DATE 9/23/74

DRY 71 WET 50 PRES 24.52

MPG 12.38

MAKE CHEVROLET MODEL NOVA YEAR 72 CYL. 8 CID 350 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	02.80	-0010	+00	+01	1	2	1	1	2	0	021117
AFTER MAINT	03.92	+0000	+00	+00	1	1	1	1	2	0	021117
AFTER 6 MO	04.15	-0030	+00	+02	1	1	1	1	2	0	027773
AFTER 12 MO	03.20	-0080	+04	+01	1	1	1	1	2	0	035992

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	1	1	2	1	2	2	1	1	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.90	4.96	4.63	5.28
CO	094.9	065.7	059.8	070.2
C2	555.9	546.3	477.1	529.1
NX	3.72	2.40	3.87	3.08

	IDLE	LO CR	HI CR	2500
HC	4411	4106	3577	
LH	556	541	483	
CO	2.94	2.01	0.98	
NX	101	1699	2638	
HS	395	350	270	185
CS	3.00	2.60	1.15	2.60

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.50	4.06	4.03	4.56
CO	129.9	074.7	067.0	084.1
C2	536.7	561.0	474.4	531.9
NX	2.21	1.70	2.61	2.06

	IDLE	LO CR	HI CR	2500
HC	4254	3621	3240	
LH	653	643	580	
CO	4.30	2.88	1.65	
NX	083	934	1748	
HS	210	160	110	085
CS	3.40	2.50	1.40	2.50

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.72	4.62	4.21	4.94
CO	118.1	077.8	067.2	083.3
C2	549.0	563.9	486.2	539.2
NX	2.17	1.62	2.46	1.97

	IDLE	LO CR	HI CR	2500
HC	4928	4310	3102	
LH	386	298	154	
CO	3.79	2.19	1.26	
NX	069	979	1642	
HS	1060	540	580	380
CS	2.70	1.20	0.80	1.70

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	5.75	4.17	4.08	4.48
CO	089.4	044.5	044.0	053.8
C2	556.5	527.8	467.6	517.1
NX	3.97	2.49	4.01	3.22

	IDLE	LO CR	HI CR	2500
HC	5162	4040	3583	
LH	000	000	000	
CO	3.18	0.85	1.52	
NX	076	1498	2126	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C0443 DATE 9/26/73 TEST C0595 DATE 10/10/73 TEST C1097 DATE 4/09/74 TEST C1236 DATE 10/09/74

DRY 70 WET 53 PRES 24.77 DRY 72 WET 52 PRES 24.68 DRY 74 WET 56 PRES 24.33 DRY 76 WET 54 PRES 24.80

MPG 13.58 MPG 13.13 MPG 12.99 MPG 14.47

MAKE CHRYSLER MODEL NEWP YEAR 72 CYL. 8 CID 400 WEIGHT 4500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	09.10	+0180	-02	+10	1	1	1	0	2	0	029493
AFTER MAINT	01.10	+0120	-10	+08	1	1	1	0	2	0	029493
AFTER 6 MO	01.60	-0020	-01	-01	1	1	1	0	2	0	032361
AFTER 12 MO	08.30	+0110	-03	-07	1	1	1	0	2	0	041851

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	1	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	27.89	48.60	21.07	36.63
CO	265.8	394.3	230.8	322.1
C2	453.2	423.6	415.9	427.7
NX	1.28	0.51	1.50	0.95

	IDLE	LO CR	HI CR	2500
HC	12878	5268	4088	
LH	1037	722	568	
CO	11.37	7.72	5.63	
NX	020	270	771	
HS	730	415	270	2500
CS	9.50	7.80	5.60	20.00

TEST C0445 DATE 9/26/73

DRY 70 WET 56 PRES 24.77

MPG 8.49

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.66	4.21	4.54	5.02
CO	129.2	055.1	068.6	074.3
C2	567.2	586.4	501.9	558.9
NX	3.14	2.36	3.55	2.85

	IDLE	LO CR	HI CR	2500
HC	3036	3081	3239	
LH	313	353	344	
CO	1.20	0.38	2.30	
NX	073	1861	2206	
HS	120	180	115	065
CS	1.25	0.40	2.40	0.90

TEST C0480 DATE 9/28/73

DRY 70 WET 54 PRES 24.83

MPG 12.88

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.88	4.94	4.51	5.23
CO	129.8	058.7	071.2	077.1
C2	592.7	614.6	522.7	584.5
NX	2.76	2.24	3.50	2.70

	IDLE	LO CR	HI CR	2500
HC	2633	3517	3156	
LH	282	342	264	
CO	1.71	1.77	2.51	
NX	060	1401	1578	
HS	190	270	190	105
CS	1.50	1.70	2.50	1.75

TEST C1082 DATE 3/27/74

DRY 72 WET 52 PRES 24.62

MPG 12.33

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	31.05	10.90	7.05	14.05
CO	244.1	215.9	138.6	200.4
C2	511.4	501.6	461.5	492.5
NX	2.34	1.51	2.90	2.07

	IDLE	LO CR	HI CR	2500
HC	7218	4192	3453	
LH	000	000	000	
CO	8.65	3.51	2.75	
NX	039	555	1761	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1226 DATE 10/02/74

DRY 74 WET 51 PRES 24.85

MPG 10.46

MAKE CHEVROLET MODEL NOVA YEAR 73 CYL. 8 CID 307 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.16	-0200	+00	+01	1	1	1	0	2	1	017115
AFTER MAINT	02.12	+0000	+00	+00	1	1	1	0	2	1	017115
AFTER 6 MO	01.87	+0240	+01	-02	1	1	1	0	2	1	027457
AFTER 12 MO	02.80	-0020	-09	-02	1	2	1	0	2	1	038189

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	1	1	2	2	2	2	2	1	1	2	2	2

AS RECEIVED					AFTER MAINTENANCE				AFTER 6 MONTHS				AFTER 12 MONTHS			
	CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975
HC	4.08	2.50	2.49	2.83	HC	7.19	2.96	2.80	3.80	HC	8.77	3.01	3.82	4.44	HC	8.37	3.38	3.30	4.40
CO	084.8	056.7	067.7	065.6	CO	122.4	051.1	059.9	068.5	CO	160.4	079.4	103.0	102.9	CO	147.6	065.0	085.5	088.0
C2	593.2	562.6	471.6	545.0	C2	630.4	593.8	533.5	584.7	C2	588.0	580.4	494.7	558.2	C2	536.7	546.0	449.4	517.3
NX	1.91	1.32	1.44	1.48	NX	1.84	1.84	2.09	1.91	NX	1.82	1.37	1.39	1.47	NX	1.45	1.22	1.23	1.27
	IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500
HC	0898	1919	1319		HC	3560	2567	1764		HC	3008	2655	2186		HC	3326	3365	2172	
LH	197	303	266		LH	424	335	293		LH	283	238	183		LH	000	000	000	
CO	1.62	2.21	2.67		CO	3.03	1.08	1.87		CO	2.78	2.62	3.89		CO	2.74	2.36	2.61	
NX	049	546	556		NX	087	1045	849		NX	149	417	346		NX	065	500	361	
HS	020	040	030	020	HS	175	110	080	065	HS	070	060	050	040	HS	000	000	000	000
CS	0.37	0.50	0.65	0.15	CS	1.60	0.65	1.21	0.17	CS	0.80	0.70	1.10	0.30	CS	0.00	0.00	0.00	0.00

TEST C0708 DATE 10/22/73 TEST C0615 DATE 10/11/73 TEST C1104 DATE 4/15/74 TEST C1242 DATE 10/14/74

DRY 70 WET 51 PRES 24.73 DRY 74 WET 52 PRES 24.47 DRY 68 WET 49 PRES 24.43 DRY 76 WET 53 PRES 24.99

MPG 13.56 MPG 12.65 MPG 12.14 MPG 13.31

MAKE FORD MODEL GALA YEAR 68 CYL. 8 CID 302 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.70	-0020	+04	+00	1	1	1	0	2	0	076747
AFTER MAINT	06.72	+0000	+00	+00	1	1	1	0	2	0	076747
AFTER 6 MO	02.16	+0070	+05	+01	1	1	1	0	1	0	081861
AFTER 12 MO	03.50	-0050	+02	+02	1	1	1	0	2	0	088725

	IG WS	COIL	SPRKS	AIR/F	A/C	F/NX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	1	1	1	1	1	1	2	1	1	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.89	5.65	5.60	6.32
CO	090.5	066.7	057.2	069.1
C2	585.8	535.0	488.1	532.6
NX	7.19	6.09	7.55	6.73

	IDLE	LO CR	HI CR	2500
HC	6014	3294	3960	
LH	791	591	616	
CO	7.17	0.42	5.67	
NX	064	3619	861	
HS	550	235	265	2500
CS	7.20	0.55	5.40	1.10

TEST C0456 DATE 9/27/73

DRY 74 WET 53 PRES 25.06

MPG 13.47

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	14.87	4.53	4.77	6.76
CO	188.3	081.2	071.5	100.9
C2	555.6	529.7	471.8	519.1
NX	3.00	3.23	4.03	3.41

	IDLE	LO CR	HI CR	2500
HC	4391	2572	3585	
LH	501	441	526	
CO	7.38	0.57	6.02	
NX	067	1861	604	
HS	210	110	150	080
CS	6.00	0.50	5.10	1.10

TEST C0599 DATE 10/10/73

DRY 71 WET 52 PRES 24.66

MPG 12.74

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.99	5.46	6.14	5.97
CO	132.9	058.8	094.8	084.3
C2	503.2	491.8	430.0	477.0
NX	3.81	5.04	4.52	4.64

	IDLE	LO CR	HI CR	2500
HC	7940	3464	5328	
LH	744	334	453	
CO	2.24	0.30	7.88	
NX	088	3150	012	
HS	280	120	120	200
CS	1.10	0.10	2.60	0.20

TEST C1102 DATE 4/11/74

DRY 73 WET 52 PRES 24.20

MPG 14.18

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	34.85	28.30	27.41	29.42
CO	143.0	072.8	089.5	092.1
C2	468.8	450.9	422.5	446.8
NX	2.67	3.18	3.60	3.19

	IDLE	LO CR	HI CR	2500
HC	23893	20634	19957	
LH	000	000	000	
CO	3.54	0.14	0.39	
NX	048	2780	2348	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1240 DATE 10/11/74

DRY 76 WET 48 PRES 24.76

MPG 13.01

MAKE CHEVROLET MODEL NOVA YEAR 68 CYL. 8 CID 307 WEIGHT 3000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.80	-0060	+08	-05	1	1	1	0	2	0	042449
AFTER MAINT	05.57	+0000	+00	+00	1	1	1	0	2	0	042449
AFTER 6 MO	05.43	+0000	+02	+00	2	1	1	0	2	0	045570
AFTER 12 MO	03.60	+0080	+02	-02	1	1	1	0	2	0	048749

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	1	1	1	1	1	2	1	1	1	1	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.27	7.34	5.60	7.05
CO	108.6	096.2	072.7	092.3
C2	431.6	403.1	366.9	399.0
NX	3.45	2.69	3.48	3.07

	IDLE	LO CR	HI CR	2500
HC	6918	4425	4354	
LH	1109	755	704	
CO	7.35	2.29	2.99	
NX	065	1765	1959	
HS	740	390	330	340
CS	7.00	2.50	3.00	2.50

TEST C0457 DATE 9/27/73

DRY 70 WET 54 PRES 25.06

MPG 15.73

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.67	5.56	5.02	5.64
CO	120.1	100.0	097.5	103.5
C2	445.9	438.1	385.3	425.1
NX	2.42	1.70	2.37	2.04

	IDLE	LO CR	HI CR	2500
HC	4946	3670	3577	
LH	625	508	483	
CO	6.09	2.96	3.68	
NX	085	1276	1375	
HS	295	175	155	150
CS	5.55	2.50	3.20	2.60

TEST C0602 DATE 10/11/73

DRY 70 WET 53 PRES 24.48

MPG 14.71

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.69	5.59	5.33	5.75
CO	119.5	088.6	087.8	094.8
C2	420.8	406.1	390.1	404.7
NX	2.23	2.05	2.65	2.25

	IDLE	LO CR	HI CR	2500
HC	7134	4593	4475	
LH	684	456	404	
CO	5.33	1.82	3.03	
NX	083	1384	1378	
HS	520	360	300	210
CS	4.80	1.80	3.40	2.00

TEST C1095 DATE 4/09/74

DRY 68 WET 48 PRES 24.51

MPG 15.58

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	6.99	6.04	5.45	6.08
CO	102.8	075.6	079.4	082.3
C2	436.1	433.3	372.6	417.1
NX	2.70	2.21	2.43	2.38

	IDLE	LO CR	HI CR	2500
HC	7353	5420	5170	
LH	000	000	000	
CO	3.56	3.06	4.17	
NX	100	983	1465	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1233 DATE 10/08/74

DRY 76 WET 50 PRES 24.85

MPG 15.75

MAKE TOYOTA MODEL CORO YEAR 71 CYL. 4 CID 071 WEIGHT 2000 TRANS 4 EXH CTRL 1 EVAP CTRL 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.10	+0210	+00	-11	0	1	1	0	2	0	029881
AFTER MAINT	01.16	+0010	+00	+00	0	1	1	0	2	0	029881
AFTER 6 MO	03.10	+0025	-01	+00	0	1	1	0	2	0	034267
AFTER 12 MO	01.30	+0110	+00	+00	0	1	1	0	2	0	037910

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	1	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.69	6.12	4.04	5.45
CO	046.8	058.2	037.5	050.1
C2	319.8	347.4	279.3	322.7
NX	3.94	1.63	3.10	2.52

	IDLE	LO CR	HI CR	2500
HC	5422	4281	4556	
LH	766	646	761	
CO	4.58	2.21	1.62	
NX	073	851	3950	
HS	365	230	270	165
CS	4.30	2.00	1.40	2.90

TEST C0469 DATE 9/28/73

DRY 76 WET 57 PRES 24.88

MPG 21.28

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.47	3.50	3.38	3.67
CO	038.3	034.8	032.6	034.9
C2	280.0	319.9	247.0	291.3
NX	2.98	1.26	2.24	1.89

	IDLE	LO CR	HI CR	2500
HC	4151	4171	4441	
LH	478	485	591	
CO	1.26	2.80	1.85	
NX	076	414	2942	
HS	340	265	350	300
CS	1.30	2.90	2.00	7.00

TEST C0494 DATE 10/31/73

DRY 75 WET 56 PRES 24.70

MPG 24.89

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	4.02	3.54	3.00	3.49
CO	047.0	046.0	041.3	044.9
C2	265.8	284.3	232.2	266.0
NX	2.30	1.19	1.80	1.59

	IDLE	LO CR	HI CR	2500
HC	12374	4283	3750	
LH	1446	356	344	
CO	3.31	3.96	2.35	
NX	057	521	2804	
HS	1200	950	250	160
CS	3.00	3.80	2.20	3.10

TEST C1093 DATE 4/05/74

DRY 70 WET 50 PRES 24.81

MPG 25.53

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	5.10	2.93	2.53	3.27
CO	029.4	024.9	024.0	025.6
C2	240.2	303.4	243.7	273.6
NX	2.84	1.65	2.56	2.15

	IDLE	LO CR	HI CR	2500
HC	6245	3792	4943	
LH	000	000	000	
CO	1.32	1.04	1.03	
NX	086	451	2300	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1241 DATE 10/11/74

DRY 76 WET 52 PRES 24.75

MPG 27.48

MAKE FORD MODEL LTD YEAR 73 CYL. 8 CID 351 WEIGHT 4500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.60	-0155	+10	+00	1	1	1	0	2	1	004725
AFTER MAINT	00.39	+0000	+00	+00	1	1	1	0	2	1	004725
AFTER 6 MO	01.00	+0050	-01	+00	1	1	1	0	2	1	006647
AFTER 12 MO	01.00	+0090	-01	+00	1	1	1	0	2	1	010352

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.29	4.48	3.99	4.72
CO	134.7	078.8	079.1	090.6
C2	659.0	661.6	537.5	626.6
NX	2.09	1.92	2.00	1.98

	IDLE	LO CR	HI CR	2500
HC	2763	3607	3176	
LH	354	508	451	
CO	0.62	2.18	2.16	
NX	184	1826	1154	
HS	140	220	165	110
CS	0.70	2.20	2.10	3.10

TEST C0482 DATE 10/01/73

DRY 70 WET 54 PRES 24.74

MPG 11.36

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.09	3.85	4.07	4.39
CO	115.6	075.7	073.7	083.5
C2	659.9	694.1	566.0	651.4
NX	1.90	1.86	1.81	1.85

	IDLE	LO CR	HI CR	2500
HC	2041	3086	2832	
LH	565	643	596	
CO	0.44	1.60	1.80	
NX	086	1004	982	
HS	080	130	115	060
CS	0.39	1.70	1.70	2.60

TEST C0525 DATE 10/03/73

DRY 69 WET 56 PRES 24.82

MPG 11.18

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.12	4.31	4.10	4.63
CO	123.3	077.2	078.5	087.2
C2	706.6	699.2	598.5	672.8
NX	1.60	1.52	1.49	1.53

	IDLE	LO CR	HI CR	2500
HC	2350	2861	2831	
LH	235	263	259	
CO	1.03	1.85	2.37	
NX	117	775	799	
HS	165	180	170	095
CS	1.10	1.80	2.35	3.40

TEST C1086 DATE 4/01/74

DRY 76 WET 50 PRES 24.48

MPG 10.80

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	5.45	3.98	5.46	4.70
CO	106.2	060.8	079.9	075.6
C2	689.9	685.9	564.8	653.6
NX	2.52	2.02	1.87	2.08

	IDLE	LO CR	HI CR	2500
HC	2516	2990	2857	
LH	000	000	000	
CO	1.03	2.13	2.48	
NX	143	573	509	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1227 DATE 10/03/74

DRY 74 WET 51 PRES 24.74

MPG 11.31

MAKE PLYMOUTH MODEL DUST YEAR 73 CYL. 6 CID 225 WEIGHT 3000 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.60	+0030	+01	+00	1	2	1	1	2	1	008056
AFTER MAINT	00.60	+0030	+01	+00	1	2	1	1	2	1	008056
AFTER 6 MO	01.60	-0100	+01	+00	1	1	1	1	2	1	010159
AFTER 12 MO	00.39	+0000	+00	+00	1	2	1	1	2	1	013627

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.02	2.90	3.89	3.62
CO	096.3	033.7	049.6	051.2
C2	420.3	458.6	402.0	434.9
NX	2.52	3.21	3.17	3.05

	IDLE	LO CR	HI CR	2500
HC	2747	2723	3908	
LH	340	412	543	
CO	0.72	0.19	6.19	
NX	299	2095	601	
HS	170	165	280	095
CS	0.60	0.18	6.20	0.25

TEST C0498 DATE 10/02/73

DRY 69 WET 54 PRES 24.67

MPG 16.91

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.02	2.90	3.89	3.62
CO	096.3	033.7	049.6	051.2
C2	420.3	458.6	402.0	434.9
NX	2.52	3.21	3.17	3.05

	IDLE	LO CR	HI CR	2500
HC	2747	2723	3908	
LH	340	412	543	
CO	0.72	0.19	6.19	
NX	299	2095	601	
HS	170	165	280	095
CS	0.60	0.18	6.20	0.25

TEST C0498 DATE 10/02/73

DRY 69 WET 54 PRES 24.67

MPG 16.91

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.25	3.35	3.29	3.94
CO	132.6	047.0	053.3	066.7
C2	410.0	448.2	376.3	420.3
NX	1.37	1.94	3.88	2.36

	IDLE	LO CR	HI CR	2500
HC	3035	3097	4753	
LH	305	285	428	
CO	1.83	0.70	7.76	
NX	209	3215	356	
HS	225	210	315	100
CS	1.70	0.60	7.20	0.25

TEST C1031 DATE 4/04/74

DRY 70 WET 50 PRES 24.71

MPG 16.57

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	5.67	3.46	4.83	4.30
CO	115.5	029.6	080.6	061.7
C2	432.1	468.4	390.3	439.1
NX	2.28	3.45	2.75	3.01

	IDLE	LO CR	HI CR	2500
HC	2784	3801	4374	
LH	000	000	000	
CO	0.43	0.38	5.02	
NX	463	2446	747	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1229 DATE 10/04/74

DRY 72 WET 51 PRES 24.55

MPG 16.20

MAKE CHEVROLET MODEL CHE2 YEAR 67 CYL. 6 CID 194 WEIGHT 3000 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.70	+0050	-02	+00	1	1	1	0	2	0	022266
AFTER MAINT	07.20	+0140	+00	+00	1	1	1	0	2	0	022266
AFTER 6 MO	08.70	+0500	-04	+00	1	1	1	0	1	0	024954
AFTER 12 MO	09.20	+0210	-04	+01	1	1	1	0	2	0	026224

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	1	1	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	1	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	19.08	14.67	11.88	14.82
CO	128.2	162.6	102.8	138.8
C2	318.4	282.3	289.3	291.8
NX	1.84	0.81	2.02	1.36

	IDLE	LO CR	HI CR	2500
HC	6564	4482	5427	
LH	648	607	694	
CO	7.54	3.96	8.93	
NX	041	703	203	
HS	500	420	475	720
CS	6.90	4.00	8.10	6.60

TEST C0499 DATE 10/02/73

DRY 69 WET 54 PRES 24.67

MPG 16.00

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	19.26	14.13	11.02	14.34
CO	146.0	170.3	119.7	151.2
C2	329.8	311.8	276.3	305.7
NX	1.81	1.14	1.50	1.38

	IDLE	LO CR	HI CR	2500
HC	6389	4655	5366	
LH	776	760	842	
CO	8.11	2.79	9.15	
NX	050	1606	178	
HS	320	300	330	285
CS	7.60	3.00	2.40	4.10

TEST C0527 DATE 10/03/73

DRY 69 WET 56 PRES 24.81

MPG 15.13

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	12.58	11.49	8.11	10.78
CO	123.6	158.9	110.3	138.1
C2	339.7	325.4	275.3	314.5
NX	1.57	0.86	1.47	1.18

	IDLE	LO CR	HI CR	2500
HC	9070	5574	6983	
LH	516	446	547	
CO	8.97	2.69	9.12	
NX	039	1815	831	
HS	425	390	420	400
CS	8.70	2.70	8.70	5.10

TEST C1088 DATE 4/02/74

DRY 70 WET 50 PRES 24.41

MPG 15.75

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	11.38	9.46	7.12	9.21
CO	108.2	136.3	084.1	116.0
C2	306.8	275.3	256.5	276.7
NX	1.98	0.77	1.93	1.35

	IDLE	LO CR	HI CR	2500
HC	11587	6991	4258	
LH	000	000	000	
CO	9.80	4.30	1.69	
NX	028	512	2125	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1231 DATE 10/07/74

DRY 76 WET 52 PRES 24.85

MPG 18.25

MAKE CHEVRCLET MODEL CAPR YEAR 71 CYL. 8 CID 400 WEIGHT 4500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.45	+0290	+04	+00	1	1	1	0	2	0	036250
AFTER MAINT	00.45	+0000	+00	+00	1	1	1	0	2	0	036250
AFTER 6 MO	02.30	+0010	+00	+00	1	1	1	0	2	0	042024
AFTER 12 MO	00.64	-0050	+04	+00	1	1	1	0	2	0	043800

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	ROV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.35	4.48	4.44	4.86
CO	083.0	035.2	051.0	049.6
C2	689.6	700.6	624.1	677.1
NX	6.29	5.03	6.57	5.72

	IDLE	LO CR	HI CR	2500
HC	2890	2873	3035	
LH	350	359	373	
CO	0.41	0.52	1.60	
NX	416	2584	2323	
HS	210	160	160	075
CS	0.45	0.50	1.70	1.60

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.13	3.76	3.84	4.28
CO	099.1	035.1	054.0	053.8
C2	594.5	619.6	541.5	592.7
NX	4.83	4.18	5.18	4.59

	IDLE	LO CR	HI CR	2500
HC	3108	2584	2833	
LH	655	594	583	
CO	0.50	0.21	1.65	
NX	111	2362	2528	
HS	215	140	150	090
CS	0.50	0.20	1.60	1.80

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	7.53	5.22	5.18	5.69
CO	108.0	053.0	074.4	070.4
C2	712.4	655.9	603.5	653.2
NX	5.51	4.38	5.46	4.91

	IDLE	LO CR	HI CR	2500
HC	4153	3073	2813	
LH	435	266	220	
CO	2.28	0.44	1.36	
NX	121	2521	2585	
HS	380	200	150	050
CS	2.30	0.49	1.50	0.65

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	5.93	3.91	3.96	4.35
CO	093.2	031.4	044.4	047.9
C2	693.0	629.4	581.6	629.5
NX	5.39	4.25	5.73	4.90

	IDLE	LO CR	HI CR	2500
HC	3208	2507	2820	
LH	000	000	000	
CO	0.66	0.23	1.62	
NX	176	2234	2375	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C0513 DATE 10/03/73 TEST C0570 DATE 10/08/73 TEST C1090 DATE 4/04/74 TEST C1230 DATE 10/07/74

DRY 75 WET 55 PRES 24.71 DRY 72 WET 48 PRES 24.42 DRY 70 WET 50 PRES 24.71 DRY 76 WET 50 PRES 24.81

MPG 11.56 MPG 12.90 MPG 11.39 MPG 12.40

MAKE FORD MODEL PINT YEAR 72 CYL. 4 CID 122 WEIGHT 2250 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.10	+0310	+00	-04	1	1	1	0	2	0	011175
AFTER MAINT	06.10	+0310	+00	-04	1	1	1	0	2	0	011175
AFTER 6 MO	06.50	+0000	+00	+10	1	1	1	0	2	0	013995
AFTER 12 MO	04.60	+0070	+00	+02	1	1	1	0	2	0	018258

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.76	4.73	5.93	5.28
CO	104.2	071.5	078.3	080.2
C2	322.6	321.2	304.5	316.8
NX	3.08	2.85	3.33	3.03

	IDLE	LO CR	HI CR	2500
HC	4686	4517	5152	
LH	769	769	831	
CO	6.81	1.74	7.85	
NX	086	2068	717	
HS	260	250	300	250
CS	6.10	1.50	7.10	5.00

TEST C0530 DATE 10/04/73

DRY 69 WET 54 PRES 24.94

MPG 19.38

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.76	4.73	5.93	5.28
CO	104.2	071.5	078.3	080.2
C2	322.6	321.2	304.5	316.8
NX	3.08	2.85	3.33	3.03

	IDLE	LO CR	HI CR	2500
HC	4686	4517	5152	
LH	769	769	831	
CO	6.81	1.74	7.85	
NX	086	2068	717	
HS	260	250	300	250
CS	6.10	1.50	7.10	5.00

TEST C0530 DATE 10/04/73

DRY 69 WET 54 PRES 24.94

MPG 19.38

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.75	5.06	4.04	5.13
CO	130.2	090.6	082.3	096.6
C2	310.7	307.0	264.5	296.0
NX	1.72	1.66	1.74	1.69

	IDLE	LO CR	HI CR	2500
HC	5367	5514	6820	
LH	406	447	512	
CO	6.42	2.33	8.08	
NX	075	1460	600	
HS	280	325	350	300
CS	5.80	2.20	7.40	4.50

TEST C1089 DATE 4/02/74

DRY 73 WET 51 PRES 24.11

MPG 19.20

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	4.60	3.17	3.73	3.62
CO	093.1	042.5	051.4	055.5
C2	310.6	251.9	265.3	267.9
NX	1.87	1.71	2.22	1.88

	IDLE	LO CR	HI CR	2500
HC	4568	6110	4668	
LH	000	000	000	
CO	4.69	3.51	1.59	
NX	083	528	1863	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1234 DATE 10/08/74

DRY 76 WET 49 PRES 24.95

MPG 24.29

MAKE VOLKSWAGON MODEL SQBK YEAR 72 CYL. 4 CID 097 WEIGHT 2500 TRANS 4 EXH CTRL 1 EVAP CTRL 1 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	02.90	+0160	+05	-01	0	1	0	0	2	0	011511
AFTER MAINT	02.90	+0160	+05	-01	0	1	0	0	2	0	011511
AFTER 6 MO	01.30	+0200	+00	+00	0	1	0	0	2	0	013864
AFTER 12 MO	03.03	+0010	+00	+00	0	1	0	0	2	0	017763

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED					AFTER MAINTENANCE					AFTER 6 MONTHS					AFTER 12 MONTHS				
	CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975
HC	6.50	5.27	3.70	5.09	HC	6.50	5.27	3.70	5.09	HC	4.99	3.36	2.59	3.49	HC	6.90	7.48	4.87	6.63
CO	042.3	040.1	021.6	035.4	CO	042.3	040.1	021.6	035.4	CO	042.6	027.0	025.9	030.0	CO	028.4	027.6	014.0	024.0
C2	346.2	377.2	319.4	354.7	C2	346.2	377.2	319.4	354.7	C2	323.1	373.4	342.1	354.2	C2	315.2	320.0	280.4	308.0
NX	5.20	3.25	4.63	4.04	NX	5.20	3.25	4.63	4.04	NX	3.18	2.47	3.08	2.79	NX	6.25	4.51	5.42	5.13
	IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500
HC	2964	0999	1319		HC	2964	0999	1319		HC	1420	0509	0659		HC	5451	3111	2004	
LH	445	433	465		LH	445	433	465		LH	127	085	094		LH	000	000	000	
CO	3.03	0.20	0.14		CO	3.03	0.20	0.14		CO	1.41	0.15	0.14		CO	3.11	0.11	0.15	
NX	099	1083	3501		NX	099	1083	3501		NX	112	709	2220		NX	055	681	2473	
HS	115	070	080	110	HS	115	070	080	110	HS	085	040	045	300	HS	000	000	000	000
CS	2.90	0.08	0.08	2.40	CS	2.90	0.08	0.08	2.40	CS	1.50	0.16	0.14	0.42	CS	0.00	0.00	0.00	0.00

TEST C0557 DATE 10/08/73	TEST C0557 DATE 10/08/73	TEST C1094 DATE 4/08/74	TEST C1232 DATE 10/08/74
DRY 69 WET 49 PRES 24.46	DRY 69 WET 49 PRES 24.46	DRY 71 WET 50 PRES 24.82	DRY 76 WET 48 PRES 24.85
MPG 20.89	MPG 20.89	MPG 21.60	MPG 24.29

MAKE DATSUN MODEL 510 YEAR 71 CYL. 4 CID 097 WEIGHT 2000 TRANS 4 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.50	-0200	-04	-07	0	2	1	0	2	0	027615
AFTER MAINT	02.45	+0000	-05	-03	0	2	1	0	2	0	027615
AFTER 6 MO	02.26	+0030	+00	+00	0	1	1	0	2	0	030858
AFTER 12 MO	00.30	+0400	+00	+00	0	1	1	0	2	0	034231

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	1	1	1	2	1	2	2	1	2	1	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	4.28	4.65	3.94	4.37
CO	036.2	047.7	036.8	042.2
C2	343.2	338.4	282.3	323.8
NX	4.83	2.90	4.01	3.61

	IDLE	LO CR	HI CR	2500
HC	8242	3907	3354	
LH	822	787	672	
CO	4.78	2.36	1.00	
NX	024	2507	3800	
HS	270	190	165	230
CS	3.50	1.65	0.80	0.65

TEST C0558 DATE 10/08/73

DRY 69 WET 49 PRES 24.45

MPG 22.04

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	8.41	3.26	3.36	4.36
CO	064.3	042.0	042.0	046.6
C2	331.6	337.2	285.6	321.7
NX	4.06	2.20	3.35	2.91

	IDLE	LO CR	HI CR	2500
HC	4352	3821	3302	
LH	393	551	494	
CO	3.31	2.76	1.04	
NX	039	2221	4108	
HS	130	150	150	290
CS	2.50	1.80	0.80	0.70

TEST C0586 DATE 10/09/73

DRY 70 WET 52 PRES 24.39

MPG 21.79

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.65	2.85	3.24	3.75
CO	056.2	044.0	039.2	045.2
C2	339.3	360.7	298.0	338.8
NX	5.14	2.47	3.90	3.43

	IDLE	LO CR	HI CR	2500
HC	3968	3535	1167	
LH	351	348	152	
CO	2.25	2.30	0.77	
NX	043	1922	1729	
HS	380	140	080	800
CS	2.80	2.40	0.20	3.00

TEST C1099 DATE 4/10/74

DRY 73 WET 52 PRES 24.10

MPG 21.12

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	3.55	2.25	2.39	2.56
CO	023.7	030.7	022.0	026.8
C2	353.4	331.4	279.8	321.7
NX	5.28	2.76	3.96	3.62

	IDLE	LO CR	HI CR	2500
HC	1638	1958	3041	
LH	000	000	000	
CO	0.59	1.59	0.95	
NX	113	531	2981	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1237 DATE 10/10/74

DRY 76 WET 52 PRES 24.78

MPG 23.95

MAKE PLYMOUTH MODEL FURY YEAR 70 CYL. 8 CID 318 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	02.80	+0060	+10	-10	1	2	1	0	1	0	063652
AFTER MAINT	03.29	+0000	+00	+00	1	1	1	0	2	0	063652
AFTER 6 MO	03.68	+0000	-03	+00	1	1	1	0	2	0	069788
AFTER 12 MO	03.78	+0060	-04	+00	1	2	1	0	2	0	077464

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	33.83	26.66	29.43	28.93
CO	152.1	110.6	117.0	121.0
C2	516.2	490.3	444.2	483.0
NX	4.03	3.33	3.55	3.54

	IDLE	LO CR	HI CR	2500
HC	13683	5991	13655	
LH	2500	1146	2500	
CO	3.59	3.23	7.52	
NX	185	1458	460	
HS	2500	600	1900	2500
CS	2.80	2.90	6.10	1.50

TEST C0573 DATE 10/09/73

DRY 74 WET 53 PRES 24.39

MPG 11.65

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.05	4.42	4.27	4.93
CO	162.0	094.0	105.4	111.4
C2	617.6	587.7	513.1	577.3
NX	2.56	2.34	2.71	2.49

	IDLE	LO CR	HI CR	2500
HC	3338	3708	3315	
LH	324	418	371	
CO	3.51	5.02	3.79	
NX	144	648	1224	
HS	225	270	190	170
CS	3.60	5.00	3.80	3.60

TEST C0627 DATE 10/12/73

DRY 70 WET 49 PRES 24.52

MPG 11.66

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	7.27	5.30	5.16	5.67
CO	167.9	135.6	133.3	141.7
C2	532.7	529.4	462.4	511.5
NX	1.06	1.68	2.15	1.68

	IDLE	LO CR	HI CR	2500
HC	3574	3706	3486	
LH	247	243	191	
CO	3.61	2.92	3.83	
NX	086	815	349	
HS	260	240	140	130
CS	2.10	1.80	1.90	1.20

TEST C1100 DATE 4/11/74

DRY 68 WET 50 PRES 24.20

MPG 11.84

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	6.92	4.87	4.42	5.17
CO	143.1	082.3	093.6	098.2
C2	569.8	572.8	454.2	539.2
NX	2.50	2.21	2.38	2.32

	IDLE	LO CR	HI CR	2500
HC	4964	3864	3952	
LH	000	000	000	
CO	3.96	1.08	4.37	
NX	105	1603	714	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1238 DATE 10/10/74

DRY 77 WET 57 PRES 24.75

MPG 12.55

MAKE FORD MODEL MUST YEAR 67 CYL. 8 CID 289 WEIGHT 3000 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	09.85	-0250	-02	+02	1	1	1	0	2	0	051835
AFTER MAINT	09.85	+0000	+00	+00	1	1	1	0	2	0	051835
AFTER 6 MO	10.25	-0150	+00	+00	1	1	1	0	2	0	054950
AFTER 12 MO	10.30	+0080	-11	-04	1	1	1	0	2	0	056234

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	1	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	2	2	2	2	2	2	2	1	2

AS RECEIVED

	CT	CS	HT	1975
HC	16.37	16.63	12.00	15.29
CO	173.1	181.1	130.7	165.4
C2	302.0	292.7	296.0	295.6
NX	0.85	0.52	1.25	0.79

	IDLE	LO CR	HI CR	2500
HC	16921	4953	4627	
LH	1368	901	873	
CO	10.35	4.37	4.05	
NX	017	917	1250	
HS	740	335	320	450
CS	20.00	4.00	3.80	5.00

TEST C0572 DATE 10/08/73

DRY 72 WET 48 PRES 24.42

MPG 14.75

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	13.12	13.75	8.34	12.12
CO	149.2	161.4	100.0	141.9
C2	294.0	294.5	295.7	294.7
NX	1.34	0.81	1.69	1.16

	IDLE	LO CR	HI CR	2500
HC	11547	4823	4471	
LH	1352	737	687	
CO	10.58	4.65	5.23	
NX	026	615	960	
HS	920	480	420	560
CS	9.00	4.00	3.60	4.60

TEST C0720 DATE 10/22/73

DRY 77 WET 53 PRES 24.80

MPG 16.02

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	14.96	17.08	12.41	15.34
CO	073.9	084.3	106.9	088.4
C2	327.2	331.4	291.1	319.3
NX	1.13	0.92	1.47	1.12

	IDLE	LO CR	HI CR	2500
HC	20565	5715	4948	
LH	977	611	507	
CO	9.48	4.13	3.49	
NX	014	576	1436	
HS	500	500	380	600
CS	20.00	4.40	4.00	5.20

TEST C1113 DATE 4/18/74

DRY 72 WET 51 PRES 24.80

MPG 17.57

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	13.21	16.94	10.30	14.32
CO	148.5	181.0	130.1	160.1
C2	274.6	281.3	259.6	273.9
NX	0.74	0.47	0.94	0.66

	IDLE	LO CR	HI CR	2500
HC	21228	5675	5772	
LH	000	000	000	
CO	9.64	8.09	5.03	
NX	007	135	830	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1246 DATE 10/16/74

DRY 79 WET 54 PRES 24.87

MPG 15.61

MAKE CHEVROLET MODEL STAW YEAR 66 CYL. 8 CID 283 WEIGHT 4000 TRANS 3 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.70	+0000	+02	+00	1	1	1	0	2	0	061637
AFTER MAINT	05.70	+0000	+02	+00	1	1	1	0	2	0	061637
AFTER 6 MO	03.83	+0350	+06	+00	1	1	1	0	2	0	067976
AFTER 12 MO	05.50	+0160	+02	+00	1	1	1	0	2	0	075509

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	1	1	2	2	2	1	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	13.45	15.88	11.48	14.15
CO	145.9	174.6	138.8	158.7
C2	463.6	550.2	450.7	504.5
NX	2.32	2.15	2.51	2.28

	IDLE	LO CR	HI CR	2500
HC	10189	5621	5548	
LH	1391	1005	989	
CO	6.06	4.58	7.32	
NX	037	941	432	
HS	570	350	335	375
CS	5.30	4.00	6.60	5.90

TEST C0574 DATE 10/09/73

DRY 71 WET 53 PRES 24.39

MPG 11.15

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	13.45	15.88	11.48	14.15
CO	145.9	174.6	138.8	158.7
C2	463.6	550.2	450.7	504.5
NX	2.32	2.15	2.51	2.28

	IDLE	LO CR	HI CR	2500
HC	10189	5621	5548	
LH	1391	1005	989	
CO	6.06	4.58	7.32	
NX	037	941	432	
HS	570	350	335	375
CS	5.30	4.00	6.60	5.90

TEST C0574 DATE 10/09/73

DRY 71 WET 53 PRES 24.39

MPG 11.15

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	12.12	11.29	8.42	10.67
CO	156.6	159.1	121.0	148.0
C2	472.4	475.9	417.8	459.1
NX	2.94	2.11	2.92	2.51

	IDLE	LO CR	HI CR	2500
HC	9627	5350	4711	
LH	691	426	394	
CO	3.85	3.79	3.48	
NX	034	1047	1140	
HS	380	240	210	280
CS	2.60	2.60	2.50	2.40

TEST C1098 DATE 4/10/74

DRY 72 WET 52 PRES 24.10

MPG 12.28

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	15.16	9.11	8.08	10.09
CO	143.5	118.8	108.6	121.1
C2	412.5	423.3	379.1	408.8
NX	1.61	0.97	1.69	1.30

	IDLE	LO CR	HI CR	2500
HC	12677	6449	5794	
LH	000	000	000	
CO	5.53	5.28	4.32	
NX	033	319	883	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1239 DATE 10/11/74

DRY 76 WET 50 PRES 24.76

MPG 14.12

MAKE CHEVRCLET MODEL NOVA YEAR 73 CYL. 8 CID 307 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.10	-0040	+01	-04	1	1	1	0	2	1	016372
AFTER MAINT	05.85	+0000	+00	+00	1	1	1	0	2	1	016372
AFTER 6 MO	05.11	+0020	+02	-02	1	1	1	0	2	1	023252
AFTER 12 MO	05.00	+0045	+03	-05	1	1	1	0	2	1	033498

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	1	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	9.51	4.95	5.65	6.10
CO	132.8	087.6	097.4	099.8
C2	491.6	550.9	462.5	514.0
NX	1.51	1.41	1.74	1.52

	IDLE	LO CR	HI CR	2500
HC	3522	4111	3453	
LH	388	532	446	
CO	5.00	3.23	3.98	
NX	047	755	700	
HS	175	210	160	095
CS	4.10	2.50	3.30	0.50

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	10.46	4.86	5.61	6.24
CO	168.6	104.3	115.4	120.8
C2	465.4	526.3	431.5	487.3
NX	0.98	0.87	0.95	0.91

	IDLE	LO CR	HI CR	2500
HC	4892	5462	4946	
LH	522	812	696	
CO	7.24	5.57	6.12	
NX	035	322	506	
HS	480	730	570	140
CS	6.00	4.60	5.15	0.70

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	8.30	4.05	5.33	5.29
CO	179.9	091.8	110.5	115.5
C2	473.6	512.2	444.9	485.5
NX	1.03	0.99	1.26	1.07

	IDLE	LO CR	HI CR	2500
HC	3865	5254	5364	
LH	374	514	487	
CO	5.69	3.48	5.33	
NX	036	766	563	
HS	070	050	080	050
CS	1.00	0.80	1.90	0.60

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	7.51	5.00	5.08	5.54
CO	143.6	086.4	104.2	103.3
C2	475.7	519.7	430.7	485.8
NX	1.41	1.29	1.35	1.33

	IDLE	LO CR	HI CR	2500
HC	6042	6193	6997	
LH	000	000	000	
CO	6.44	4.06	6.30	
NX	068	406	284	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C0589 DATE 10/10/73 TEST C0643 DATE 10/15/73 TEST C1107 DATE 4/16/74 TEST C1244 DATE 10/15/74

DRY 76 WET 54 PRES 24.68 DRY 82 WET 58 PRES 24.95 DRY 68 WET 48 PRES 24.80 DRY 76 WET 50 PRES 24.86

MPG 12.91 MPG 12.78 MPG 13.03 MPG 13.39

MAKE RAMBLER MODEL AMER YEAR 64 CYL. 6 CID 196 WEIGHT 3000 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.28	+0150	+00	-07	0	2	1	0	2	0	068526
AFTER MAINT	00.28	+0150	+00	-07	0	2	1	0	2	0	068526
AFTER 6 MO	00.32	+0450	+00	+00	0	1	1	0	2	0	070750
AFTER 12 MO	00.50	+0725	+10	+00	0	2	1	0	2	0	073542

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.55	5.42	6.31	6.32
CO	095.0	062.5	086.6	076.0
C2	387.6	416.9	339.0	389.1
NX	3.29	3.27	2.37	3.02

	IDLE	LO CR	HI CR	2500
HC	3523	4150	5510	
LH	476	605	764	
CO	0.33	3.38	9.24	
NX	186	1207	285	
HS	275	350	450	380
CS	0.30	3.40	9.20	4.50

TEST C0607 DATE 10/11/73

DRY 70 WET 53 PRES 24.51

MPG 16.85

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	8.55	5.42	6.31	6.32
CO	095.0	062.5	086.6	076.0
C2	387.6	416.9	339.0	389.1
NX	3.29	3.27	2.37	3.02

	IDLE	LO CR	HI CR	2500
HC	3523	4150	5510	
LH	476	605	764	
CO	0.33	3.38	9.24	
NX	186	1207	285	
HS	275	350	450	380
CS	0.30	3.40	9.20	4.60

TEST C0607 DATE 10/11/73

DRY 70 WET 53 PRES 24.51

MPG 16.85

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.54	4.13	3.86	4.35
CO	055.0	037.8	047.8	044.2
C2	435.4	448.5	364.6	422.5
NX	4.07	3.37	3.02	3.42

	IDLE	LO CR	HI CR	2500
HC	2444	4509	6104	
LH	215	426	519	
CO	0.43	2.22	8.34	
NX	179	1576	036	
HS	050	090	080	050
CS	0.10	0.70	1.80	0.30

TEST C1106 DATE 4/15/74

DRY 72 WET 50 PRES 24.43

MPG 17.61

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	7.81	4.38	5.12	5.31
CO	064.1	045.5	058.6	053.0
C2	343.9	345.1	303.6	333.4
NX	2.97	2.35	2.24	2.45

	IDLE	LO CR	HI CR	2500
HC	3284	4594	4716	
LH	000	000	000	
CO	0.54	1.79	3.08	
NX	176	1592	1640	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1243 DATE 10/14/74

DRY 76 WET 53 PRES 24.99

MPG 20.55

MAKE BUICK MODEL WILD YEAR 65 CYL. 8 CID 425 WEIGHT 4500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	11.10	-0060	+10	+00	1	2	1	0	2	0	078046
AFTER MAINT	11.00	-0060	+22	+00	1	2	1	0	2	0	078046
AFTER 6 MO	10.38	+0150	+00	+00	1	1	1	0	2	0	080979
AFTER 12 MO	05.00	+0020	+00	+00	1	1	1	0	2	0	083266

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	1	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	19.21	30.27	17.59	24.44
CO	201.6	263.7	219.5	238.5
C2	459.1	398.6	374.1	404.5
NX	2.93	0.96	1.41	1.50

	IDLE	LO CR	HI CR	2500
HC	16320	6929	5977	
LH	1800	993	796	
CO	11.88	8.16	6.97	
NX	011	327	790	
HS	2500	1440	1040	2500
CS	20.00	9.00	7.40	9.80

TEST C0662 DATE 10/17/73

DRY 69 WET 50 PRES 24.86

MPG 10.41

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	21.80	34.57	19.07	27.60
CO	202.2	272.6	237.8	248.2
C2	482.2	426.0	441.7	442.1
NX	3.83	1.20	2.04	1.98

	IDLE	LO CR	HI CR	2500
HC	16549	6568	6059	
LH	2500	799	728	
CO	12.62	7.71	7.48	
NX	008	417	762	
HS	2500	620	530	720
CS	20.00	6.90	6.70	7.30

TEST C0687 DATE 10/18/73

DRY 71 WET 52 PRES 24.82

MPG 9.69

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	17.10	16.32	13.05	15.58
CO	294.0	372.7	302.9	336.8
C2	612.8	562.4	512.8	559.2
NX	3.69	1.26	1.71	1.89

	IDLE	LO CR	HI CR	2500
HC	8902	6231	5011	
LH	712	579	476	
CO	10.48	8.67	7.55	
NX	076	384	723	
HS	400	240	150	180
CS	3.50	3.50	2.90	2.60

TEST C1111 DATE 4/17/74

DRY 72 WET 51 PRES 24.33

MPG 7.83

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	14.28	13.70	10.99	13.07
CO	236.5	254.1	229.6	243.6
C2	542.7	458.5	422.9	466.3
NX	2.33	0.77	1.12	1.19

	IDLE	LO CR	HI CR	2500
HC	8052	9407	8009	
LH	000	000	000	
CO	4.95	10.06	9.01	
NX	049	168	140	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1245 DATE 10/16/74

DRY 77 WET 54 PRES 24.89

MPG 10.00

MAKE DODGE MODEL CORO YEAR 69 CYL. 8 CID 318 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.40	-0050	+02	+00	1	1	1	0	2	0	051016
AFTER MAINT	04.92	+0000	+00	+00	1	1	1	0	2	0	051016
AFTER 6 MO	04.01	+0000	+00	+00	1	1	1	0	2	0	051439
AFTER 12 MO	03.90	+0000	+00	+00	1	1	1	0	2	0	054678

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	10.51	9.88	8.49	9.63
CO	125.0	118.8	102.9	115.7
C2	453.0	464.4	454.7	459.3
NX	3.92	2.90	3.63	3.32

	IDLE	LO CR	HI CR	2500
HC	7828	5499	4954	
LH	1478	782	670	
CO	5.77	3.52	4.22	
NX	069	1417	1198	
HS	1260	540	385	400
CS	4.80	3.00	3.40	4.30

TEST C0674 DATE 10/18/73

DRY 70 WET 52 PRES 24.89

MPG 13.26

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	15.18	10.13	8.85	10.83
CO	253.4	192.5	192.2	205.2
C2	343.1	376.0	340.5	359.3
NX	0.50	0.58	0.59	0.57

	IDLE	LO CR	HI CR	2500
HC	7882	8384	7126	
LH	1132	1296	1051	
CO	5.23	11.46	10.54	
NX	000	000	000	
HS	120	110	090	090
CS	0.40	0.90	0.85	0.40

TEST C0736 DATE 10/23/73

DRY 76 WET 47 PRES 24.40

MPG 12.44

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	18.47	15.02	11.85	14.86
CO	297.9	261.5	231.0	260.7
C2	434.1	448.0	387.7	428.3
NX	0.60	0.54	0.62	0.57

	IDLE	LO CR	HI CR	2500
HC	9214	10165	8302	
LH	846	1085	832	
CO	3.87	8.96	8.38	
NX	096	180	215	
HS	1000	1100	860	900
CS	4.80	20.00	9.90	20.00

TEST C1115 DATE 4/19/74

DRY 69 WET 48 PRES 24.33

MPG 10.07

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	19.91	15.20	12.47	15.42
CO	292.3	226.9	217.9	238.1
C2	439.1	468.9	391.0	441.9
NX	0.97	0.94	0.81	0.91

	IDLE	LO CR	HI CR	2500
HC	9377	11202	11161	
LH	000	000	000	
CO	3.93	9.17	10.11	
NX	126	174	179	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1248 DATE 10/17/74

DRY 76 WET 52 PRES 24.96

MPG 10.31

MAKE VOLKSWAGON MODEL SEDA YEAR 68 CYL. 4 CID 091 WEIGHT 2000 TRANS 4 EXH CTRL 1 EVAP CTRL 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.94	+0010	+00	+00	0	1	1	0	1	0	084309
AFTER MAINT	00.70	+0000	+00	+00	0	1	1	0	2	0	084309
AFTER 6 MO	00.63	+0050	-01	+00	0	1	1	0	1	0	091542
AFTER 12 MO	03.80	+0100	+00	-02	0	1	1	0	2	0	098192

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	1	2	2	2	2	1	1	1	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	4.63	3.79	6.30	4.66
CO	093.2	106.4	099.5	101.7
C2	247.4	254.3	197.4	237.1
NX	1.28	0.78	0.73	0.87

	IDLE	LO CR	HI CR	2500
HC	5081	3799	2722	
LH	401	434	360	
CO	7.78	8.92	4.93	
NX	055	247	1387	
HS	400	410	290	720
CS	7.70	9.00	4.70	20.00

TEST C0664 DATE 10/17/73

DRY 74 WET 53 PRES 24.90

MPG 21.64

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.77	4.09	3.82	4.16
CO	078.9	054.4	062.5	061.8
C2	267.8	295.5	240.3	274.4
NX	2.20	1.97	1.82	1.98

	IDLE	LO CR	HI CR	2500
HC	3411	2926	2835	
LH	430	402	411	
CO	0.78	3.09	4.59	
NX	073	1283	1521	
HS	250	170	185	260
CS	0.70	2.80	4.00	2.90

TEST C0707 DATE 10/19/73

DRY 70 WET 50 PRES 24.85

MPG 23.16

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.69	4.33	3.89	4.49
CO	087.2	053.7	062.7	063.2
C2	268.1	289.1	238.8	270.7
NX	2.35	2.19	1.91	2.15

	IDLE	LO CR	HI CR	2500
HC	20587	3611	2845	
LH	2007	352	294	
CO	0.73	3.46	3.85	
NX	069	1345	1857	
HS	300	110	070	100
CS	0.20	0.70	1.30	0.70

TEST C1110 DATE 4/17/74

DRY 79 WET 50 PRES 24.33

MPG 23.18

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	4.55	8.41	5.34	6.75
CO	097.7	162.5	090.3	128.9
C2	243.3	189.8	206.2	205.5
NX	1.88	0.37	1.51	1.01

	IDLE	LO CR	HI CR	2500
HC	4566	4548	3526	
LH	000	000	000	
CO	4.89	8.39	6.94	
NX	068	198	790	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1249 DATE 10/17/74

DRY 79 WET 59 PRES 24.96

MPG 20.74

MAKE FORD MODEL FAIR YEAR 68 CYL. 8 CID 289 WEIGHT 3500 TRANS 3 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.56	-0115	+06	+00	1	2	1	1	1	0	077348
AFTER MAINT	08.56	+0000	+00	+00	1	1	1	1	2	0	077348
AFTER 6 MO	00.56	+0025	+04	+00	1	1	1	1	1	0	084242
AFTER 12 MO	01.00	+0095	-01	+02	1	1	2	1	2	0	088395

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	1	2	1	1	1	1	1	1	1	1	1	1	2	2
TAMP. 12 MO	2	2	1	1	1	2	1	1	2	1	1	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	9.52	7.34	6.36	7.53
CO	119.5	088.7	076.1	091.7
C2	377.8	449.2	361.4	409.9
NX	1.48	1.45	1.96	1.60

	IDLE	LO CR	HI CR	2500
HC	5701	3322	4059	
LH	456	513	618	
CO	4.24	1.96	3.02	
NX	039	1620	1739	
HS	250	160	235	115
CS	3.00	1.20	2.00	0.70

TEST C0695 DATE 10/19/73

DRY 74 WET 52 PRES 24.86

MPG 15.42

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	13.04	7.43	6.75	8.41
CO	172.3	102.6	085.9	112.6
C2	426.3	485.0	402.8	449.9
NX	0.76	0.78	1.18	0.89

	IDLE	LO CR	HI CR	2500
HC	9354	3747	3594	
LH	756	464	453	
CO	10.14	2.75	4.01	
NX	039	466	604	
HS	520	240	240	140
CS	7.40	2.20	3.20	0.40

TEST C0750 DATE 10/24/73

DRY 77 WET 50 PRES 24.40

MPG 13.63

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	7.38	8.26	6.77	7.66
CO	079.8	048.3	051.5	055.8
C2	521.7	591.1	440.2	534.7
NX	1.55	1.40	1.43	1.44

	IDLE	LO CR	HI CR	2500
HC	9848	4340	3929	
LH	1148	502	396	
CO	0.64	1.08	2.19	
NX	067	656	935	
HS	1000	400	340	200
CS	0.70	1.00	2.20	0.80

TEST C1119 DATE 4/23/74

DRY 70 WET 49 PRES 24.61

MPG 13.77

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	15.82	10.15	9.58	11.18
CO	170.7	068.6	090.3	095.9
C2	499.6	562.9	448.7	518.0
NX	1.11	1.46	1.52	1.40

	IDLE	LO CR	HI CR	2500
HC	15022	6681	5540	
LH	000	000	000	
CO	1.48	1.00	1.56	
NX	072	631	973	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1253 DATE 10/23/74

DRY 76 WET 52 PRES 24.88

MPG 12.65

MAKE FORD MODEL GALA YEAR 68 CYL. 8 CID 390 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.50	+0010	+09	+00	1	2	1	0	2	0	046034
AFTER MAINT	00.09	+0000	+00	+00	1	1	1	0	2	0	046034
AFTER 6 MO	00.06	-0050	+00	+00	1	1	1	0	2	0	049183
AFTER 12 MO	00.08	-0090	+00	+00	1	1	1	0	2	0	053436

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	2	2	2	1	1	1	1	1	2

AS RECEIVED					AFTER MAINTENANCE					AFTER 6 MONTHS					AFTER 12 MONTHS				
	CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975
HC	7.12	6.51	5.74	6.43	HC	5.66	3.80	3.75	4.17	HC	5.73	3.58	3.53	4.05	HC	18.66	17.15	12.30	16.12
CO	065.6	100.6	054.4	080.4	CO	068.8	008.4	022.8	025.1	CO	072.0	009.4	011.5	023.1	CO	041.3	011.9	016.8	019.4
C2	602.5	520.8	503.7	533.2	C2	814.4	658.3	695.3	701.3	C2	637.4	633.7	535.2	607.2	C2	604.4	603.2	541.7	586.4
NX	7.15	5.13	7.11	6.10	NX	7.04	5.84	7.65	6.59	NX	5.56	5.77	7.18	6.12	NX	6.22	5.98	6.68	6.22
	IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500
HC	4569	3535	3180		HC	2448	3147	2346		HC	2258	3304	0117		HC	18255	3708	3308	
LH	502	552	472		LH	368	428	318		LH	257	334	312		LH	000	000	000	
CO	6.31	0.25	0.25		CO	0.11	0.42	0.21		CO	0.07	0.27	1.14		CO	0.10	0.16	0.30	
NX	065	3298	4275		NX	088	2927	3192		NX	125	3436	2961		NX	112	2006	2649	
HS	220	180	115	126	HS	175	210	100	090	HS	095	135	085	040	HS	000	000	000	000
CS	6.00	0.20	0.16	0.60	CS	0.09	0.25	0.19	0.60	CS	0.13	0.34	0.25	0.55	CS	0.00	0.00	0.00	0.00

TEST C0694 DATE 10/19/73 TEST C0769 DATE 10/26/73 TEST C1118 DATE 4/22/74 TEST C1247 DATE 10/17/74

DRY 70 WET 50 PRES 24.86 DRY 70 WET 49 PRES 24.75 DRY 72 WET 51 PRES 24.52 DRY 76 WET 53 PRES 24.96

MPG 13.10 MPG 11.81 MPG 13.57 MPG 13.33

MAKE PLYMOUTH MODEL FURY YEAR 71 CYL. 8 CID 383 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.40	-0110	+04	+00	1	1	1	0	2	0	030259
AFTER MAINT	02.48	+0000	+00	+00	1	1	1	0	2	0	030259
AFTER 6 MO	07.60	-0050	+00	-01	1	1	1	0	2	0	038154
AFTER 12 MO	06.80	-0150	+00	+06	1	1	1	0	2	0	046880

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	11.95	6.75	5.61	7.52
CO	199.3	157.5	126.0	157.5
C2	548.2	559.3	480.8	535.2
NX	2.18	1.13	2.10	1.62

	IDLE	LO CR	HI CR	2500
HC	5950	4087	3766	
LH	535	459	425	
CO	5.93	4.29	4.63	
NX	044	657	1167	
HS	365	275	210	195
CS	4.60	3.40	3.70	3.90

TEST C0710 DATE 10/22/73

DRY 70 WET 50 PRES 24.77

MPG 11.05

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.49	4.37	5.42	5.73
CO	170.0	103.4	129.2	124.5
C2	567.8	657.1	572.4	614.9
NX	1.72	1.23	2.03	1.56

	IDLE	LO CR	HI CR	2500
HC	3114	3344	3349	
LH	333	401	385	
CO	2.88	3.64	4.48	
NX	072	655	1079	
HS	560	780	700	620
CS	2.20	3.40	4.00	3.00

TEST C0779 DATE 10/26/73

DRY 70 WET 50 PRES 24.71

MPG 10.75

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	10.00	11.10	7.64	9.91
CO	185.3	194.8	151.9	180.9
C2	554.1	563.5	489.2	541.0
NX	1.75	1.05	1.64	1.36

	IDLE	LO CR	HI CR	2500
HC	13089	3996	3845	
LH	751	367	327	
CO	8.22	2.78	4.38	
NX	026	617	807	
HS	640	280	210	260
CS	8.20	3.20	4.80	5.00

TEST C1120 DATE 4/23/74

DRY 72 WET 50 PRES 24.61

MPG 10.40

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	11.55	7.94	7.54	8.58
CO	208.4	178.6	156.6	178.7
C2	667.0	569.2	537.1	580.8
NX	2.58	1.19	2.38	1.81

	IDLE	LO CR	HI CR	2500
HC	10815	4112	4018	
LH	000	000	000	
CO	8.07	3.66	3.49	
NX	031	364	962	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1255 DATE 10/23/74

DRY 76 WET 52 PRES 24.80

MPG 10.02

MAKE CHEVROLET MODEL IMPA YEAR 73 CYL. 8 CID 350 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.40	+0020	+02	+02	1	2	1	0	2	0	006702
AFTER MAINT	03.70	+0000	+00	+00	1	1	1	0	2	0	006702
AFTER 6 MO	02.82	+0040	-02	-01	1	1	1	0	2	0	010355
AFTER 12 MO	02.50	+0020	+00	-02	1	1	1	0	2	0	015406

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	1	2
TAMP. 12 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED					AFTER MAINTENANCE					AFTER 6 MONTHS					AFTER 12 MONTHS				
	CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975
HC	3.84	2.92	3.04	3.15	HC	4.08	2.73	2.97	3.08	HC	3.38	2.42	2.57	2.66	HC	4.16	2.76	2.58	3.00
CO	088.5	064.7	069.8	071.1	CO	101.8	069.3	078.5	078.6	CO	081.7	053.0	069.3	063.5	CO	099.8	053.1	060.5	064.9
C2	606.0	644.4	492.2	594.1	C2	579.5	621.1	476.1	572.2	C2	637.4	670.8	520.5	622.1	C2	687.4	700.1	552.3	656.4
NX	1.83	1.33	1.48	1.47	NX	1.65	1.12	1.09	1.22	NX	2.04	1.50	1.40	1.58	NX	2.60	2.27	2.31	2.35
	IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500
HC	1061	2337	2203		HC	2132	3021	4465		HC	1634	2126	1933		HC	1431	2438	2144	
LH	220	407	380		LH	315	486	657		LH	211	224	191		LH	000	000	000	
CO	1.79	1.63	1.57		CO	4.38	4.30	10.75		CO	3.51	1.62	3.09		CO	3.03	1.64	1.62	
NX	053	649	1356		NX	052	238	121		NX	060	565	659		NX	056	526	967	
HS	050	155	125	040	HS	520	790	1180	180	HS	070	080	100	050	HS	000	000	000	000
CS	1.40	1.30	1.25	0.40	CS	3.20	3.20	2.00	0.30	CS	3.20	1.20	4.00	0.50	CS	0.00	0.00	0.00	0.00

TEST C0724 DATE 10/23/73 TEST C0761 DATE 10/25/73 TEST C1122 DATE 4/24/74 TEST C1251 DATE 10/22/74

DRY 70 WET 50 PRES 24.70 DRY 72 WET 49 PRES 24.61 DRY 70 WET 49 PRES 24.70 DRY 76 WET 52 PRES 24.92

MPG 12.44 MPG 12.63 MPG 12.19 MPG 11.60

MAKE OLDSMOBILE MODEL OMEG YEAR 73 CYL. 8 CID 350 WEIGHT 3500 TRANS 3 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.42	+0110	-02	-02	2	1	1	0	2	2	009599
AFTER MAINT	00.47	+0000	+00	+00	1	1	1	0	2	1	009599
AFTER 6 MO	00.33	+0100	-04	-03	1	1	1	0	2	2	012095
AFTER 12 MO	00.30	+0110	-04	+01	1	1	1	0	2	1	018888

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	4.66	3.74	4.24	4.07
CO	092.8	079.7	070.8	077.9
C2	577.3	621.0	464.5	568.4
NX	1.49	0.91	1.10	1.08

	IDLE	LO CR	HI CR	2500
HC	1464	2092	2062	
LH	218	275	280	
CO	0.41	1.34	0.65	
NX	069	485	1665	
HS	075	140	120	095
CS	0.48	1.30	0.58	1.50

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.12	2.93	3.00	3.20
CO	069.1	058.4	052.6	059.0
C2	600.5	632.4	501.8	589.5
NX	1.59	1.07	1.38	1.26

	IDLE	LO CR	HI CR	2500
HC	1669	2405	2015	
LH	227	293	267	
CO	0.55	2.10	0.56	
NX	075	443	1226	
HS	090	160	120	080
CS	0.20	0.50	0.20	0.40

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	3.81	4.53	4.62	4.40
CO	041.6	069.2	053.2	059.0
C2	634.2	706.5	528.2	641.9
NX	1.94	1.20	1.64	1.48

	IDLE	LO CR	HI CR	2500
HC	0773	2543	2277	
LH	108	193	191	
CO	0.39	2.89	1.56	
NX	075	320	1148	
HS	050	100	090	070
CS	0.40	3.60	1.60	4.20

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	4.96	4.10	4.25	4.32
CO	067.9	055.3	055.5	058.0
C2	614.7	623.1	502.8	588.0
NX	2.49	1.52	1.98	1.85

	IDLE	LO CR	HI CR	2500
HC	0909	2650	3164	
LH	000	000	000	
CO	0.34	1.63	1.63	
NX	078	375	712	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C0726 DATE 10/23/73 TEST C0782 DATE 10/25/73 TEST C1125 DATE 4/25/74 TEST C1252 DATE 10/22/74

DRY 70 WET 48 PRES 24.68 DRY 71 WET 50 PRES 24.42 DRY 72 WET 51 PRES 24.70 DRY 76 WET 52 PRES 24.95

MPG 12.66 MPG 12.87 MPG 11.90 MPG 12.86

MAKE FORD MODEL THUN YEAR 65 CYL. 8 CID 390 WEIGHT 5000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.12	+0000	+00	+06	1	1	1	0	2	0	083016
AFTER MAINT	05.70	+0000	+00	+05	1	1	1	0	2	0	083016
AFTER 6 MO	03.14	+0050	+01	+06	1	1	1	0	2	0	085143
AFTER 12 MO	00.30	+0040	+01	+12	1	1	2	0	1	0	087185

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	1	2	2	2	2	2
TAMP. 12 MO	2	2	2	1	2	2	2	1	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	9.94	7.53	5.73	7.54
CO	142.3	169.1	145.4	156.9
C2	599.1	526.4	467.9	525.4
NX	3.68	1.80	1.88	2.21

	IDLE	LO CR	HI CR	2500
HC	4494	3816	3504	
LH	436	488	438	
CO	5.16	4.15	3.99	
NX	074	973	1327	
HS	280	310	240	180
CS	4.10	3.40	3.20	3.80

TEST C0739 DATE 10/24/73

DRY 76 WET 50 PRES 24.56

MPG 11.19

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	8.97	7.29	11.79	8.89
CO	141.1	174.3	174.7	167.5
C2	567.6	568.2	473.8	541.9
NX	3.59	1.91	1.51	2.15

	IDLE	LO CR	HI CR	2500
HC	3927	3839	3536	
LH	461	491	449	
CO	5.70	5.48	5.47	
NX	085	596	759	
HS	380	360	270	220
CS	4.80	1.20	4.60	4.80

TEST C0762 DATE 10/25/73

DRY 72 WET 54 PRES 24.61

MPG 10.69

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	19.03	7.31	6.33	9.49
CO	443.1	195.3	142.5	232.5
C2	563.9	584.8	503.8	558.0
NX	0.93	1.74	1.95	1.63

	IDLE	LO CR	HI CR	2500
HC	3957	4077	3504	
LH	327	390	300	
CO	3.44	4.55	3.58	
NX	077	596	1358	
HS	300	380	300	260
CS	3.80	5.20	4.40	3.40

TEST C1117 DATE 4/22/74

DRY 70 WET 50 PRES 24.52

MPG 9.34

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	19.03	7.14	5.11	9.06
CO	383.8	142.4	073.3	173.7
C2	523.4	636.4	507.4	577.0
NX	0.82	3.79	4.22	3.29

	IDLE	LO CR	HI CR	2500
HC	5995	3312	3230	
LH	000	000	000	
CO	0.42	1.63	2.39	
NX	189	1256	1295	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1250 DATE 10/21/74

DRY 78 WET 55 PRES 24.63

MPG 10.14

MAKE CHRYSLER MODEL IMPE YEAR 71 CYL. 8 CID 440 WEIGHT 5000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.20	-0060	+08	+04	1	1	1	0	1	0	023677
AFTER MAINT	05.20	-0060	+08	+04	1	1	1	0	1	0	023677
AFTER 6 MO	00.64	+0000	+01	+05	1	1	1	0	2	0	024261
AFTER 12 MO	01.50	+0010	+00	+03	1	1	1	0	2	0	025589

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.45	4.99	5.34	5.81
CO	199.8	117.6	131.5	138.7
C2	707.0	763.0	511.5	681.5
NX	1.82	1.61	2.24	1.83

	IDLE	LO CR	HI CR	2500
HC	3386	3117	3360	
LH	303	309	320	
CO	5.73	2.62	4.60	
NX	077	701	666	
HS	175	130	130	140
CS	4.50	2.20	3.70	3.00

TEST C0741 DATE 10/24/73

DRY 74 WET 49 PRES 24.62

MPG 9.71

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	8.45	4.99	5.34	5.81
CO	199.8	117.6	131.5	138.7
C2	707.0	763.0	511.5	681.5
NX	1.82	1.61	2.24	1.83

	IDLE	LO CR	HI CR	2500
HC	3386	3117	3360	
LH	303	309	320	
CO	5.73	2.62	4.60	
NX	077	701	666	
HS	175	130	130	140
CS	4.50	2.20	3.70	3.00

TEST C0741 DATE 10/24/73

DRY 74 WET 49 PRES 24.62

MPG 9.71

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	8.65	4.37	4.86	5.40
CO	201.5	096.6	106.1	121.2
C2	757.5	820.9	646.7	759.3
NX	1.78	1.74	2.07	1.84

	IDLE	LO CR	HI CR	2500
HC	37105	2982	2413	
LH	3617	262	187	
CO	8.67	1.68	2.46	
NX	1360	919	789	
HS	190	100	090	080
CS	3.00	1.40	2.50	1.80

TEST C1125 DATE 4/25/74

DRY 74 WET 51 PRES 24.68

MPG 9.21

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	9.33	6.14	5.91	6.74
CO	172.7	075.7	097.9	102.7
C2	706.2	683.4	627.0	672.5
NX	4.16	3.43	4.26	3.81

	IDLE	LO CR	HI CR	2500
HC	3715	4686	4762	
LH	000	000	000	
CO	1.56	1.89	2.54	
NX	095	1465	1979	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1254 DATE 10/23/74

DRY 76 WET 52 PRES 24.88

MPG 10.42

MAKE FORD MODEL MUST YEAR 69 CYL. 6 CID 200 WEIGHT 3000 TRANS 3 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	02.75	+0170	-06	+03	2	2	1	0	1	0	068680
AFTER MAINT	07.35	+0000	+00	+00	1	1	1	0	2	0	068680
AFTER 6 MO	03.90	-0075	+00	+00	1	1	1	0	1	0	077635
AFTER 12 MO	03.40	+0300	-02	+04	1	2	1	0	2	0	086967

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	1	2	2	2	2	2	2	2	1	2	2	2

AS RECEIVED					AFTER MAINTENANCE				AFTER 6 MONTHS				AFTER 12 MONTHS			
	CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975
HC	5.51	4.54	4.25	4.66	HC	6.17	6.04	5.68	5.97	HC	5.30	5.17	3.89	4.84	HC	9.20	5.35	4.72	5.98
CO	076.7	098.0	069.2	085.5	CO	095.9	142.2	089.7	118.0	CO	068.5	080.1	045.7	068.2	CO	114.2	122.9	075.2	107.8
C2	401.3	427.0	340.3	397.5	C2	388.1	378.5	339.4	369.6	C2	447.6	456.1	384.9	434.6	C2	427.3	378.8	321.5	373.1
NX	1.75	0.97	1.37	1.25	NX	1.64	0.78	1.49	1.16	NX	2.55	1.51	2.39	1.97	NX	2.68	1.02	1.83	1.59
	IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500
HC	3490	2306	4141		HC	5419	3349	3027		HC	7675	3718	3365		HC	8289	4635	3498	
LH	294	248	500		LH	426	365	360		LH	615	257	224		LH	000	000	000	
CO	2.94	0.92	6.45		CO	7.60	1.27	0.90		CO	4.10	0.91	0.96		CO	3.42	2.81	1.25	
NX	104	994	433		NX	074	1078	2300		NX	092	1242	2461		NX	086	423	1249	
HS	190	130	320	175	HS	240	195	180	140	HS	600	290	255	350	HS	000	000	000	000
CS	3.10	0.90	5.30	3.50	CS	6.60	1.10	0.80	2.90	CS	4.00	0.75	0.80	3.50	CS	0.00	0.00	0.00	0.00

TEST C0753 DATE 10/25/73	TEST C0807 DATE 10/30/73	TEST C1139 DATE 5/01/74	TEST C1260 DATE 10/28/74
DRY 69 WET 49 PRES 24.64	DRY 70 WET 50 PRES 24.56	DRY 75 WET 53 PRES 24.61	DRY 76 WET 54 PRES 24.41
MPG 16.29	MPG 15.52	MPG 15.99	MPG 15.87

MAKE CHEVROLET MODEL NOVA YEAR 71 CYL. 6 CID 250 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	02.26	+0140	-02	+00	2	1	1	0	1	0	095217
AFTER MAINT	02.26	+0140	-02	+00	2	1	1	0	1	0	095217
AFTER 6 MO	02.49	+0150	+01	-04	1	1	1	0	2	0	107212
AFTER 12 MO	02.40	+0360	-08	+02	1	1	1	0	2	0	126349

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	1	2	1	1	2	1	1	1	1	1	1	1	1	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.05	2.60	3.13	3.26
CO	085.1	030.4	032.2	042.3
C2	501.1	486.2	392.0	463.2
NX	4.07	2.79	4.59	3.56

	IDLE	LO CR	HI CR	2500
HC	2461	2602	3005	
LH	255	344	363	
CO	2.47	0.20	1.66	
NX	088	2888	2496	
HS	140	180	180	065
CS	2.40	0.20	1.50	0.29

TEST C0775 DATE 10/26/73

DRY 72 WET 50 PRES 24.77

MPG 16.49

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.05	2.60	3.13	3.26
CO	085.1	030.4	032.2	042.3
C2	501.1	486.2	392.0	463.2
NX	4.07	2.79	4.59	3.56

	IDLE	LO CR	HI CR	2500
HC	2461	2602	3005	
LH	255	344	363	
CO	2.47	0.20	1.66	
NX	088	2888	2496	
HS	140	180	180	065
CS	2.40	0.20	1.50	0.29

TEST C0775 DATE 10/26/73

DRY 72 WET 50 PRES 24.77

MPG 16.49

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.72	3.37	3.17	3.80
CO	053.2	034.4	029.5	037.0
C2	478.3	478.6	423.1	463.1
NX	7.13	5.58	8.22	6.63

	IDLE	LO CR	HI CR	2500
HC	3905	2739	2649	
LH	435	260	215	
CO	4.33	0.18	0.86	
NX	107	4355	4301	
HS	290	235	215	210
CS	2.45	0.15	0.75	0.55

TEST C1141 DATE 5/02/74

DRY 72 WET 53 PRES 24.50

MPG 16.70

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	4.21	3.07	4.18	3.61
CO	080.4	015.4	048.7	038.2
C2	523.8	506.8	421.5	486.7
NX	6.26	5.32	5.84	5.66

	IDLE	LO CR	HI CR	2500
HC	3628	2953	2616	
LH	000	000	000	
CO	2.33	0.56	0.67	
NX	347	1303	1924	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1276 DATE 11/14/74

DRY 76 WET 54 PRES 24.68

MPG 15.96

MAKE PONTIAC MODEL FIRE YEAR 67 CYL. 8 CID 326 WEIGHT 3500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.23	-0115	+00	+00	1	1	1	0	2	0	059028
AFTER MAINT	03.75	+0000	+00	+00	1	1	1	0	2	0	059028
AFTER 6 MO	05.04	-0100	+00	+00	1	1	1	0	2	0	061426
AFTER 12 MO	03.30	+0020	-08	+03	1	1	1	0	2	0	064713

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	1	2	1	1	2	1	1	1	2	2	2	1	1	2

AS RECEIVED

	CT	CS	HT	1975
HC	12.18	9.58	10.32	10.33
CO	175.2	157.4	143.2	157.2
C2	445.9	405.1	329.7	392.7
NX	2.20	1.34	1.69	1.62

	IDLE	LO CR	HI CR	2500
HC	7305	4055	4353	
LH	910	566	578	
CO	6.91	2.17	5.88	
NX	049	1713	855	
HS	800	370	370	480
CS	5.10	1.80	4.60	2.80

TEST C0787 DATE 10/29/73

DRY 70 WET 50 PRES 24.59

MPG 13.25

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	11.35	7.32	7.45	8.20
CO	188.9	136.1	157.9	153.2
C2	404.6	399.4	326.1	380.2
NX	1.39	1.05	1.35	1.20

	IDLE	LO CR	HI CR	2500
HC	6247	4148	4356	
LH	763	593	626	
CO	4.14	3.58	6.72	
NX	052	1066	602	
HS	550	360	355	330
CS	3.00	2.60	4.80	2.30

TEST C0829 DATE 11/01/73

DRY 73 WET 52 PRES 24.24

MPG 13.77

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	11.18	9.18	8.06	9.29
CO	154.7	135.8	129.4	138.0
C2	406.3	380.4	335.1	373.2
NX	1.56	0.91	1.36	1.17

	IDLE	LO CR	HI CR	2500
HC	10333	5351	5454	
LH	957	567	532	
CO	6.61	2.63	4.17	
NX	052	1268	1256	
HS	860	540	525	480
CS	5.10	2.50	4.20	4.10

TEST C1136 DATE 4/30/74

DRY 76 WET 54 PRES 24.90

MPG 14.38

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	26.09	20.54	14.31	19.97
CO	360.5	365.2	287.7	342.8
C2	448.6	438.6	358.3	418.4
NX	0.37	0.28	0.30	0.30

	IDLE	LO CR	HI CR	2500
HC	4220	7421	7814	
LH	000	000	000	
CO	3.57	8.67	10.19	
NX	094	142	098	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1256 DATE 10/24/74

DRY 76 WET 55 PRES 24.89

MPG 8.73

MAKE PLYMOUTH MODEL FURY YEAR 66 CYL. 8 CID 318 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	07.60	+0100	-05	+00	1	2	1	0	1	0	092494
AFTER MAINT	05.08	+0000	+00	+00	1	1	1	0	2	0	092494
AFTER 6 MO	06.98	+0120	+00	+00	1	1	1	0	2	0	094643
AFTER 12 MO	04.80	+0030	-03	+00	1	1	2	0	1	0	096599

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED					AFTER MAINTENANCE				AFTER 6 MONTHS				AFTER 12 MONTHS			
	CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975
HC	12.93	7.64	6.81	8.52	HC	9.33	6.32	5.32	6.67	HC	57.12	42.02	37.30	43.87	HC	*****	83.93	74.83	94.43
CO	208.3	139.2	139.9	153.8	CO	154.6	110.7	098.5	116.5	CO	242.3	194.6	170.7	198.0	CO	355.7	211.1	181.8	233.2
C2	418.1	443.0	393.8	424.1	C2	489.3	446.1	422.4	448.6	C2	513.3	463.7	420.6	462.1	C2	505.6	423.6	401.3	434.6
NX	2.77	2.87	2.93	2.87	NX	3.20	2.97	3.33	3.12	NX	1.33	1.22	1.18	1.23	NX	0.79	0.83	0.91	0.85

	IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500
HC	6679	4193	4513		HC	4548	3667	2905		HC	24956	22779	24690		HC	32838	33231	32394	
LH	785	536	606		LH	422	448	307		LH	1905	1840	1852		LH	000	000	000	
CO	8.03	3.65	3.52		CO	5.31	3.30	2.19		CO	7.57	2.84	7.65		CO	5.22	1.98	1.76	
NX	060	2152	2235		NX	092	1522	1698		NX	058	715	129		NX	055	807	533	
HS	710	330	380	165	HS	280	270	145	230	HS	2500	2500	2500	2500	HS	000	000	000	000
CS	6.50	3.00	2.90	5.70	CS	4.00	2.60	1.80	1.90	CS	6.80	2.70	7.10	3.20	CS	0.00	0.00	0.00	0.00

TEST C0788 DATE 10/29/73 TEST C0856 DATE 11/05/73 TEST C1143 DATE 5/02/74 TEST C1262 DATE 10/29/74

DRY 70 WET 50 PRES 24.57 DRY 72 WET 53 PRES 24.55 DRY 72 WET 51 PRES 24.44 DRY 76 WET 54 PRES 24.42

MPG 12.86 MPG 13.65 MPG 9.77 MPG 8.09

MAKE CHEVRCLET MODEL CAPR YEAR 70 CYL. 8 CID 400 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	07.00	-0090	-04	+00	1	2	1	0	2	0	047305
AFTER MAINT	03.75	+0000	+00	+00	1	1	1	0	2	0	047305
AFTER 6 MO	03.85	+0000	-01	+00	1	1	1	0	2	0	051714
AFTER 12 MO	04.10	+0030	+02	+04	1	1	1	0	2	0	055829

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	1	2	2	2	2	2	2	2	2

AS RECEIVED					AFTER MAINTENANCE				AFTER 6 MONTHS				AFTER 12 MONTHS			
	CT	CS	HT	1975	CT	CS	HT	1975	CT	CS	HT	1975	CT	CS	HT	1975
HC	10.33	5.27	5.11	6.28	11.30	5.20	6.92	6.96	6.58	5.28	4.15	5.24	10.26	4.80	4.40	5.83
CO	208.1	109.1	092.9	125.3	197.1	082.5	106.2	113.1	118.1	098.1	065.4	093.2	194.1	078.9	078.6	102.9
C2	600.5	603.4	448.6	559.8	525.7	554.9	488.6	530.4	432.1	553.5	487.8	509.9	621.6	602.0	535.6	587.7
NX	2.12	2.02	2.09	2.06	3.74	3.56	4.32	3.81	3.23	3.28	4.89	3.72	2.77	2.64	2.95	2.75
	IDLE	LO CR	HI CR	2500	IDLE	LO CR	HI CR	2500	IDLE	LO CR	HI CR	2500	IDLE	LO CR	HI CR	2500
HC	5203	2814	3375		3818	3357	3424		4607	3409	3652		4541	2578	3609	
LH	475	370	404		470	439	443		516	361	357		000	000	000	
CO	7.60	1.63	3.54		4.00	1.46	3.18		4.23	1.09	3.09		4.80	1.69	4.61	
NX	063	1198	1385		115	2645	2084		114	2692	2215		093	604	608	
HS	250	160	190	110	310	250	240	075	410	320	345	145	000	000	000	000
CS	5.60	1.20	2.90	2.90	3.00	1.10	2.30	1.70	3.60	0.90	2.95	1.85	0.00	0.00	0.00	0.00

TEST C0789 DATE 10/29/73 TEST C0845 DATE 11/02/73 TEST C1138 DATE 5/01/74 TEST C1259 DATE 10/25/74

DRY 78 WET 51 PRES 24.57 DRY 69 WET 50 PRES 24.64 DRY 73 WET 54 PRES 24.62 DRY 76 WET 54 PRES 25.09

MPG 11.47 MPG 12.20 MPG 13.24 MPG 11.60

MAKE PONTIAC MODEL LEMA YEAR 66 CYL. 8 CID 326 WEIGHT 3500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	07.40	-0070	-03	+00	1	1	1	0	2	0	073426
AFTER MAINT	04.45	+0000	+00	+00	1	1	1	0	2	0	073426
AFTER 6 MO	07.61	+0020	+00	+00	1	1	1	0	2	0	076841
AFTER 12 MO	09.40	+0080	-02	+00	1	1	1	0	2	0	078962

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	1	2	1	1	2	1	2	1	2	2	2	2	2	2

AS RECEIVED					AFTER MAINTENANCE					AFTER 6 MONTHS					AFTER 12 MONTHS				
	CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975
HC	11.94	8.93	6.47	8.88	HC	10.30	6.41	5.59	7.00	HC	10.34	9.76	7.54	9.27	HC	11.89	11.90	7.90	10.79
CO	148.2	126.3	105.2	125.1	CO	143.2	106.6	121.8	118.5	CO	132.4	132.5	119.0	128.7	CO	160.1	148.2	118.3	142.4
C2	493.7	455.7	409.4	450.8	C2	509.7	554.4	482.2	525.0	C2	530.1	465.8	423.9	467.7	C2	509.9	437.9	388.0	439.1
NX	3.72	2.65	3.24	3.04	NX	3.71	3.18	2.51	3.10	NX	4.47	3.11	3.92	3.62	NX	4.49	3.58	3.76	3.82
	IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500
HC	8090	3838	5241		HC	4493	3469	3738		HC	12660	4382	4700		HC	16698	5332	4063	
LH	881	481	637		LH	599	459	483		LH	784	358	361		LH	000	000	000	
CO	7.93	0.62	10.14		CO	4.74	0.38	3.64		CO	8.18	1.13	4.98		CO	9.15	3.71	1.77	
NX	034	2668	228		NX	228	2594	1492		NX	041	2794	451		NX	019	1095	2131	
HS	800	360	430	150	HS	275	180	185	175	HS	1050	440	425	415	HS	000	000	000	000
CS	6.40	0.52	7.80	2.40	CS	4.30	0.20	3.50	1.90	CS	8.30	1.10	4.90	2.90	CS	0.00	0.00	0.00	0.00

TEST C0798 DATE 10/30/73	TEST C0866 DATE 11/05/73	TEST C1147 DATE 5/06/74	TEST C1272 DATE 11/12/74
DRY 75 WET 53 PRES 24.70	DRY 73 WET 53 PRES 24.67	DRY 76 WET 54 PRES 24.66	DRY 77 WET 52 PRES 24.69
MPG 13.19	MPG 12.15	MPG 12.74	MPG 12.78

MAKE FORD MODEL MUST YEAR 65 CYL. 8 CID 289 WEIGHT 3000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.30	+0120	+00	+00	1	2	1	0	2	0	059885
AFTER MAINT	05.30	+0120	+00	+00	1	2	1	0	2	0	059885
AFTER 6 MO	03.85	+0200	+00	+00	1	1	1	0	2	0	063401
AFTER 12 MO	07.60	+0060	-03	+06	1	1	1	0	2	0	066652

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	9.05	5.73	4.93	6.20
CO	096.5	100.6	055.5	087.2
C2	429.2	418.5	396.1	414.5
NX	3.16	2.32	3.96	2.95

	IDLE	LO CR	HI CR	2500
HC	4394	4167	3539	
LH	485	653	651	
CO	5.64	3.35	2.30	
NX	064	1321	1304	
HS	320	470	310	380
CS	4.20	2.70	1.90	3.40

TEST C0801 DATE 10/30/73

DRY 72 WET 50 PRES 24.70

MPG 15.59

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.05	5.73	4.93	6.20
CO	096.5	100.6	055.5	087.2
C2	429.2	418.5	396.1	414.5
NX	3.16	2.32	3.96	2.95

	IDLE	LO CR	HI CR	2500
HC	4394	4167	3539	
LH	485	653	651	
CO	5.64	3.35	2.30	
NX	064	1321	1304	
HS	320	470	310	380
CS	4.20	2.70	1.90	3.40

TEST C0801 DATE 10/30/73

DRY 72 WET 50 PRES 24.70

MPG 15.59

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.54	5.37	4.48	5.37
CO	086.2	108.8	066.8	092.4
C2	442.6	435.6	385.2	423.1
NX	3.28	1.64	2.98	2.36

	IDLE	LO CR	HI CR	2500
HC	4011	4562	3530	
LH	417	478	309	
CO	4.15	1.91	1.51	
NX	146	1822	2200	
HS	380	320	150	150
CS	4.10	2.20	1.60	3.20

TEST C1130 DATE 4/29/74

DRY 70 WET 53 PRES 24.89

MPG 15.22

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	7.34	5.96	4.33	5.80
CO	091.8	109.4	066.0	093.7
C2	410.4	361.2	339.7	365.5
NX	2.53	1.35	2.30	1.86

	IDLE	LO CR	HI CR	2500
HC	6111	5752	4425	
LH	000	000	000	
CO	7.81	4.62	2.16	
NX	052	511	1466	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1261 DATE 10/28/74

DRY 76 WET 56 PRES 24.40

MPG 16.77

MAKE TOYOTA MODEL STAW YEAR 73 CYL. 4 CID 120 WEIGHT 2500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.01	+0030	+00	+00	1	1	1	0	2	0	003829
AFTER MAINT	03.01	+0030	+00	+00	1	1	1	0	2	0	003829
AFTER 6 MO	02.01	+0050	+01	+00	1	1	1	0	2	0	013680
AFTER 12 MO	01.60	+0070	+00	+06	1	2	1	0	2	0	020500

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	?	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	1	2	?	2	2	2	2	1	2	1	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	4.36	3.24	2.76	3.34
CO	078.6	061.6	041.9	059.7
C2	429.0	374.9	359.2	381.9
NX	3.73	2.14	3.51	2.85

	IDLE	LO CR	HI CR	2500
HC	4856	3174	3009	
LH	563	418	393	
CO	4.70	2.60	1.75	
NX	082	828	2135	
HS	250	190	165	140
CS	2.60	1.90	1.40	3.00

TEST C0802 DATE 10/30/73

DRY 72 WET 50 PRES 24.70

MPG 18.32

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.36	3.24	2.76	3.34
CO	078.6	061.6	041.9	059.7
C2	429.0	374.9	359.2	381.9
NX	3.73	2.14	3.51	2.85

	IDLE	LO CR	HI CR	2500
HC	4856	3174	3009	
LH	563	418	393	
CO	4.70	2.60	1.75	
NX	082	828	2135	
HS	250	190	165	140
CS	2.60	1.90	1.40	3.00

TEST C0802 DATE 10/30/73

DRY 72 WET 50 PRES 24.70

MPG 18.32

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	4.40	3.31	2.78	3.39
CO	069.2	050.4	040.2	051.5
C2	422.5	396.0	368.1	393.8
NX	3.28	1.96	3.17	2.57

	IDLE	LO CR	HI CR	2500
HC	5354	4680	3616	
LH	790	582	413	
CO	2.85	2.53	2.09	
NX	194	1457	1800	
HS	490	450	300	230
CS	2.05	2.30	1.95	3.80

TEST C1135 DATE 4/30/74

DRY 70 WET 51 PRES 24.90

MPG 18.35

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	5.20	3.47	3.21	3.76
CO	101.0	037.4	024.7	047.2
C2	441.6	392.7	377.5	398.7
NX	3.70	3.46	5.07	3.96

	IDLE	LO CR	HI CR	2500
HC	6345	4389	3070	
LH	000	000	000	
CO	2.31	2.97	0.52	
NX	202	491	2533	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1257 DATE 11/24/74

DRY 76 WET 58 PRES 24.89

MPG 18.37

MAKE CHEVROLET MODEL STAW YEAR 67 CYL. 8 CID 327 WEIGHT 4000 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.90	-0240	-02	+06	1	2	1	0	2	0	096491
AFTER MAINT	05.02	+0000	+00	+00	1	1	1	0	2	0	096491
AFTER 6 MO	04.40	-0100	+01	+00	1	1	1	0	2	0	099480
AFTER 12 MO	04.80	+0170	-02	+00	2	1	2	0	2	0	102005

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	1	2	1	1	1	2	2	2	2	1	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	19.84	12.63	8.96	13.12
CO	210.1	184.6	143.5	178.5
C2	361.5	351.7	316.6	344.0
NX	1.32	0.78	1.21	1.01

	IDLE	LO CR	HI CR	2500
HC	7510	5583	4698	
LH	879	686	597	
CO	6.80	6.12	4.05	
NX	055	720	1375	
HS	860	550	400	640
CS	4.80	4.70	3.30	5.80

TEST C0799 DATE 10/30/73

DRY 75 WET 53 PRES 24.70

MPG 13.37

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	20.76	12.08	9.11	13.07
CO	200.9	165.7	137.7	165.3
C2	368.6	395.6	347.2	376.5
NX	1.19	0.73	1.24	0.97

	IDLE	LO CR	HI CR	2500
HC	6945	5488	4382	
LH	775	742	567	
CO	5.60	6.10	3.64	
NX	050	366	1234	
HS	550	540	410	450
CS	4.95	4.90	3.70	5.80

TEST C0852 DATE 11/02/73

DRY 71 WET 51 PRES 24.73

MPG 13.15

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	88.68	47.19	32.51	51.80
CO	177.8	158.4	125.1	153.2
C2	363.1	388.6	347.2	371.7
NX	1.76	1.29	1.57	1.47

	IDLE	LO CR	HI CR	2500
HC	25138	22684	21919	
LH	1017	1938	1897	
CO	5.36	5.02	3.49	
NX	040	333	805	
HS	2500	2500	2500	2500
CS	4.90	5.00	3.60	6.80

TEST C1144 DATE 5/03/74

DRY 70 WET 52 PRES 24.75

MPG 11.47

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	26.45	12.57	8.66	14.39
CO	262.9	194.3	162.6	199.9
C2	480.0	478.8	425.3	464.2
NX	1.00	0.55	0.90	0.74

	IDLE	LO CR	HI CR	2500
HC	7620	5853	5207	
LH	000	000	000	
CO	4.68	5.79	5.00	
NX	038	147	293	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1263 DATE 10/29/74

DRY 76 WET 54 PRES 24.41

MPG 10.81

MAKE DODGE MODEL CHAR YEAR 68 CYL. 8 CID 318 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.40	+0000	+00	-02	1	2	1	0	2	0	065609
AFTER MAINT	02.53	+0000	+00	+00	1	1	1	0	2	0	065609
AFTER 6 MO	03.87	+0050	-01	-01	1	1	1	0	2	0	065609
AFTER 12 MO	03.00	+0110	+00	-02	1	1	1	0	2	0	072666

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	?	2	?	2	?	?	?	2	2	2	2
TAMP. 12 MO	2	2	2	?	2	?	2	?	?	?	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.95	6.31	5.72	6.70
CO	170.2	099.4	096.6	113.5
C2	410.3	458.8	411.1	435.4
NX	1.24	2.29	1.82	1.94

	IDLE	LO CR	HI CR	2500
HC	4096	4482	4187	
LH	439	601	475	
CO	5.10	2.14	4.52	
NX	081	1617	648	
HS	270	420	280	250
CS	3.10	1.90	3.80	3.20

TEST C0816 DATE 10/31/73

DRY 74 WET 50 PRES 24.49

MPG 14.03

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	43.98	7.53	6.79	14.95
CO	295.6	100.7	095.3	140.0
C2	368.6	438.2	374.8	406.0
NX	1.30	2.71	2.40	2.33

	IDLE	LO CR	HI CR	2500
HC	3862	4772	4638	
LH	451	657	568	
CO	2.82	1.56	4.74	
NX	078	2388	968	
HS	210	340	270	240
CS	1.70	1.10	2.80	2.30

TEST C0860 DATE 11/05/73

DRY 72 WET 56 PRES 24.76

MPG 13.23

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	11.96	6.92	6.18	7.77
CO	181.1	084.3	090.5	106.3
C2	414.8	442.7	391.7	422.7
NX	2.04	3.43	2.56	2.90

	IDLE	LO CR	HI CR	2500
HC	5360	6115	5675	
LH	427	481	392	
CO	4.38	2.81	4.12	
NX	080	1632	1147	
HS	510	525	510	470
CS	4.20	2.90	4.30	4.90

TEST C1146 DATE 5/06/74

DRY 71 WET 52 PRES 24.66

MPG 14.50

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	9.08	5.64	5.63	6.36
CO	172.9	078.3	099.9	104.1
C2	367.5	400.1	341.1	376.9
NX	1.23	2.51	1.78	2.04

	IDLE	LO CR	HI CR	2500
HC	4815	5370	5706	
LH	000	000	000	
CO	3.99	2.19	3.88	
NX	052	895	1027	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1264 DATE 11/05/74

DRY 76 WET 46 PRES 24.65

MPG 15.89

MAKE BUICK MODEL LESA YEAR 71 CYL. 8 CID 455 WEIGHT 4500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.10	+0020	-10	+00	1	2	1	0	2	0	017998
AFTER MAINT	03.70	+0000	+00	+00	1	1	1	0	2	0	017998
AFTER 6 MO	03.40	-0050	-01	+00	1	1	1	0	2	0	020669
AFTER 12 MO	04.90	+0100	+07	+00	1	1	1	0	2	0	024910

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.58	6.05	5.09	5.89
CO	143.0	151.2	102.2	135.9
C2	775.5	763.9	665.8	739.1
NX	3.61	1.56	3.42	2.50

	IDLE	LO CR	HI CR	2500
HC	3900	2971	2904	
LH	406	331	328	
CO	5.56	0.92	2.53	
NX	071	1454	1798	
HS	275	180	155	070
CS	4.50	0.75	2.20	2.25

TEST C0817 DATE 10/31/73

DRY 74 WET 50 PRES 24.47

MPG 9.17

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.03	5.04	4.64	5.35
CO	125.1	116.9	094.6	112.4
C2	839.4	794.5	642.7	761.8
NX	4.32	1.69	3.35	2.70

	IDLE	LO CR	HI CR	2500
HC	3498	3396	2628	
LH	356	381	266	
CO	3.92	3.38	1.81	
NX	076	618	1380	
HS	160	165	085	065
CS	3.50	3.00	1.50	2.40

TEST C0865 DATE 11/05/73

DRY 71 WET 53 PRES 24.70

MPG 9.32

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.68	4.40	4.04	4.57
CO	092.0	071.5	049.7	069.8
C2	702.1	759.2	613.0	706.7
NX	4.39	2.43	4.56	3.43

	IDLE	LO CR	HI CR	2500
HC	3655	3735	2708	
LH	264	255	154	
CO	3.62	1.66	0.72	
NX	081	1332	2533	
HS	320	325	205	125
CS	3.65	1.65	0.75	1.60

TEST C1148 DATE 5/06/74

DRY 77 WET 55 PRES 24.66

MPG 10.72

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	6.87	5.90	5.16	5.90
CO	146.9	117.0	090.3	115.9
C2	723.5	718.0	617.9	691.4
NX	4.22	1.92	3.94	2.96

	IDLE	LO CR	HI CR	2500
HC	4298	3973	3789	
LH	000	000	000	
CO	4.89	2.18	2.68	
NX	069	671	1285	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1265 DATE 11/05/74

DRY 76 WET 50 PRES 24.65

MPG 9.99

MAKE PLYMOUTH MODEL FURY YEAR 69 CYL. 8 CID 318 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	07.80	-0140	+08	+00	1	2	1	0	2	0	052667
AFTER MAINT	01.34	+0000	+00	+00	1	1	1	0	2	0	052667
AFTER 6 MO	03.10	-0030	+02	+00	2	1	1	0	1	0	058215
AFTER 12 MO	03.50	-0030	-08	+00	1	1	1	0	1	0	062419

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED					AFTER MAINTENANCE				AFTER 6 MONTHS				AFTER 12 MONTHS			
	CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975
HC	7.53	5.98	5.42	6.15	HC	7.89	6.59	27.63	12.70	HC	41.62	35.09	34.42	36.27	HC	33.76	22.98	23.63	25.42
CO	141.9	118.0	094.4	116.5	CO	153.3	102.0	109.3	114.8	CO	164.5	089.3	092.6	105.9	CO	153.1	097.4	123.4	116.3
C2	455.7	459.0	421.3	448.0	C2	473.4	468.9	440.3	461.9	C2	455.7	458.6	417.0	446.5	C2	440.8	436.1	400.0	427.1
NX	2.28	2.05	2.72	2.29	NX	2.79	2.30	2.77	2.53	NX	2.79	2.81	3.07	2.88	NX	2.74	2.15	2.27	2.31
	IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500
HC	3590	3475	3360		HC	9051	10404	10327		HC	22529	22494	25121		HC	21296	10040	22021	
LH	443	378	381		LH	2054	2018	1991		LH	1936	1867	1850		LH	000	000	000	
CO	1.44	2.15	3.04		CO	1.57	3.15	2.41		CO	3.48	2.34	3.03		CO	3.69	3.65	3.25	
NX	097	1281	1786		NX	080	1069	1678		NX	079	1359	1113		NX	047	833	963	
HS	580	250	230	230	HS	1620	2500	1990	1790	HS	2500	2500	2500	2500	HS	000	000	000	000
CS	7.00	1.70	2.50	3.00	CS	1.00	8.20	5.50	2.40	CS	3.40	2.50	3.00	3.70	CS	0.00	0.00	0.00	0.00

TEST C0839 DATE 11/02/73	TEST C0892 DATE 11/07/73	TEST C1150 DATE 5/07/74	TEST C1266 DATE 11/06/74
DRY 75 WET 52 PRES 24.57	DRY 74 WET 52 PRES 24.68	DRY 73 WET 53 PRES 24.64	DRY 76 WET 50 PRES 24.75
MPG 13.69	MPG 13.05	MPG 12.24	MPG 12.90

MAKE CHEVRCLET MODEL NOVA YEAR 71 CYL. 8 CID 307 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.40	-0030	+01	+01	1	1	1	0	2	0	029533
AFTER MAINT	04.80	+0000	+00	+00	1	1	1	0	2	0	029533
AFTER 6 MO	04.10	+0000	-01	+00	1	1	1	0	2	0	034594
AFTER 12 MO	05.70	-0030	-04	-02	1	1	1	0	2	0	039462

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	1	1	1	2	2	2	2	1	1	1	2	2

AS RECEIVED					AFTER MAINTENANCE					AFTER 6 MONTHS					AFTER 12 MONTHS				
	CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975
HC	7.50	5.40	4.77	5.67	HC	7.41	5.04	4.83	5.48	HC	6.78	5.71	5.04	5.75	HC	6.07	5.67	4.36	5.39
CO	079.7	046.7	043.3	052.7	CO	074.0	030.2	046.4	043.9	CO	063.9	039.7	038.7	044.5	CO	051.3	039.1	036.3	040.4
C2	536.4	530.4	422.1	501.6	C2	598.5	609.0	467.7	567.6	C2	478.8	461.6	400.5	448.3	C2	506.5	444.7	397.8	444.6
NX	4.13	3.26	3.79	3.59	NX	5.01	4.35	4.84	4.62	NX	3.43	3.13	3.94	3.42	NX	4.95	4.12	4.42	4.38
	IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500
HC	5191	4124	3531		HC	4965	3992	3337		HC	9179	5272	3846		HC	8966	5200	4587	
LH	534	544	399		LH	488	525	367		LH	771	392	227		LH	000	000	000	
CO	5.09	0.79	1.32		CO	5.06	1.22	0.99		CO	4.34	0.54	0.77		CO	5.55	0.99	1.64	
NX	055	1996	2272		NX	064	1912	2555		NX	091	2204	2486		NX	068	1477	1684	
HS	350	350	215	150	HS	300	330	190	120	HS	1015	480	290	255	HS	000	000	000	000
CS	3.80	0.55	1.20	1.70	CS	3.60	1.10	0.75	1.60	CS	4.40	0.70	0.80	1.10	CS	0.00	0.00	0.00	0.00

TEST C0840 DATE 11/02/73	TEST C0891 DATE 11/07/73	TEST C1151 DATE 5/07/74	TEST C1267 DATE 11/06/74
DRY 71 WET 51 PRES 24.60	DRY 77 WET 54 PRES 24.68	DRY 75 WET 54 PRES 24.63	DRY 76 WET 51 PRES 24.75
MPG 14.79	MPG 13.62	MPG 16.51	MPG 16.96

MAKE FORD MODEL MUST YEAR 72 CYL. 8 CID 351 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.10	+0140	+00	+04	1	2	1	0	2	0	019843
AFTER MAINT	07.34	+0000	+00	+00	1	1	1	0	2	0	019843
AFTER 6 MO	06.73	+0000	+04	+00	1	1	1	0	1	0	025670
AFTER 12 MO	07.20	+0100	+02	+00	1	1	1	0	2	0	033802

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	1	2	1	1	1	2	2	2	1	1	1	1	1	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.28	5.79	5.81	6.32
CO	174.3	135.1	114.9	137.7
C2	691.2	654.3	568.2	638.1
NX	1.31	1.05	1.31	1.17

	IDLE	LO CR	HI CR	2500
HC	4817	2137	2665	
LH	469	228	251	
CO	6.28	1.72	1.69	
NX	054	386	849	
HS	260	090	100	100
CS	4.60	1.40	1.50	1.60

TEST C0841 DATE 11/02/73

DRY 73 WET 52 PRES 24.61

MPG 10.19

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	11.00	9.72	7.51	9.37
CO	189.5	163.8	109.2	154.0
C2	574.3	537.5	481.4	529.6
NX	1.98	1.11	1.96	1.53

	IDLE	LO CR	HI CR	2500
HC	9665	3755	3692	
LH	1001	432	408	
CO	9.64	2.45	2.94	
NX	021	586	1197	
HS	630	265	225	135
CS	7.60	2.30	2.70	3.00

TEST C0882 DATE 11/06/73

DRY 78 WET 55 PRES 24.62

MPG 11.12

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	17.46	7.95	7.60	9.84
CO	296.3	198.9	193.8	217.9
C2	532.9	515.2	449.8	500.8
NX	0.71	0.61	0.70	0.65

	IDLE	LO CR	HI CR	2500
HC	7352	4613	15698	
LH	500	360	451	
CO	8.34	6.00	13.58	
NX	047	167	025	
HS	470	380	520	310
CS	7.20	6.10	20.00	7.00

TEST C1152 DATE 5/07/74

DRY 76 WET 56 PRES 24.63

MPG 10.19

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	8.33	6.20	5.37	6.42
CO	114.7	122.3	089.1	111.5
C2	590.5	552.2	495.3	544.4
NX	2.20	1.33	2.14	1.74

	IDLE	LO CR	HI CR	2500
HC	6775	3114	2590	
LH	000	000	000	
CO	7.68	1.55	1.05	
NX	039	347	726	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1270 DATE 11/11/74

DRY 76 WET 46 PRES 24.89

MPG 12.04

MAKE FORD MODEL MUST YEAR 65 CYL. 8 CID 260 WEIGHT 3000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	10.30	-0015	+08	+00	1	2	1	0	2	0	052813
AFTER MAINT	02.60	-0055	+07	+00	1	1	1	0	2	0	052813
AFTER 6 MO	02.21	-0025	-02	-01	1	1	1	0	2	0	055395
AFTER 12 MO	00.80	+0000	+04	-03	2	1	1	0	2	0	058936

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	1	1	2	2	2	2	2	1	1	2	1	2

AS RECEIVED					AFTER MAINTENANCE					AFTER 6 MONTHS					AFTER 12 MONTHS				
	CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975
HC	10.80	15.81	10.15	13.19	HC	7.97	6.95	5.15	6.66	HC	7.80	6.21	4.82	6.16	HC	6.60	5.42	4.69	5.47
CO	138.5	135.5	101.2	126.6	CO	121.7	079.1	058.5	082.3	CO	117.2	075.6	058.6	079.6	CO	106.0	064.4	057.6	071.2
C2	454.6	370.0	378.0	389.9	C2	429.8	403.5	378.4	402.0	C2	441.0	405.0	383.2	406.5	C2	468.6	415.2	396.8	421.3
NX	3.61	2.06	3.55	2.80	NX	3.26	2.82	3.96	3.23	NX	3.68	3.15	3.94	3.48	NX	4.50	3.60	4.59	4.06
	IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500
HC	15667	4243	3775		HC	4890	3925	3763		HC	5946	3946	3704		HC	13938	4428	4327	
LH	2500	623	555		LH	685	540	493		LH	673	423	350		LH	000	000	000	
CO	11.09	3.01	3.05		CO	2.84	2.15	2.89		CO	2.32	1.80	2.40		CO	0.88	1.99	2.86	
NX	015	1894	2372		NX	088	1859	2458		NX	084	2072	2799		NX	152	1516	2042	
HS	2500	420	340	760	HS	530	370	310	340	HS	300	180	150	210	HS	000	000	000	000
CS	8.30	2.50	2.60	1.40	CS	2.40	1.90	2.60	4.50	CS	2.20	1.90	2.40	3.90	CS	0.00	0.00	0.00	0.00

TEST C0825 DATE 11/01/73 TEST C0853 DATE 11/02/73 TEST C1133 DATE 4/29/74 TEST C1258 DATE 10/25/74

DRY 70 WET 49 PRES 24.23 DRY 69 WET 51 PRES 24.73 DRY 70 WET 52 PRES 24.89 DRY 76 WET 53 PRES 25.09

MPG 14.13 MPG 16.13 MPG 16.17 MPG 16.18

MAKE OPEL MODEL MANT YEAR 73 CYL. 4 CID 116 WEIGHT 2250 TRANS 4 EXH CTRL 1 EVAP CTRL 1 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.07	-0150	-01	-08	0	1	1	0	2	1	006817
AFTER MAINT	03.70	+0000	-01	-05	0	1	1	0	2	1	006817
AFTER 6 MO	02.30	+0000	+00	+00	0	1	1	0	2	1	011046
AFTER 12 MO	03.80	+0000	+00	+00	0	1	1	0	2	1	014306

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	1	1	1	1	2	2	2	1	1	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.28	5.05	4.00	4.81
CO	076.9	088.9	059.7	078.3
C2	274.6	288.7	244.3	273.4
NX	2.31	1.36	2.12	1.77

	IDLE	LO CR	HI CR	2500
HC	6566	3058	3253	
LH	567	364	424	
CO	8.58	1.73	2.39	
NX	043	1641	2040	
HS	150	100	120	080
CS	2.90	2.50	1.20	0.90

TEST C0972 DATE 11/06/73

DRY 70 WET 52 PRES 24.65

MPG 21.64

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.24	3.59	3.10	3.59
CO	067.6	062.9	048.1	059.8
C2	307.8	319.4	268.9	303.0
NX	2.24	1.41	2.11	1.78

	IDLE	LO CR	HI CR	2500
HC	3069	3306	3506	
LH	257	331	402	
CO	3.75	2.66	3.69	
NX	070	1000	1956	
HS	155	205	245	220
CS	3.50	2.45	3.60	3.10

TEST C0901 DATE 11/07/73

DRY 74 WET 53 PRES 24.69

MPG 21.82

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	4.32	4.22	3.31	3.99
CO	070.0	069.5	047.2	063.4
C2	313.1	298.6	258.7	290.6
NX	2.17	1.19	1.86	1.58

	IDLE	LO CR	HI CR	2500
HC	2971	3918	3808	
LH	219	304	284	
CO	3.76	3.18	1.93	
NX	063	821	2556	
HS	160	360	335	220
CS	2.40	3.10	1.80	2.60

TEST C1153 DATE 5/08/74

DRY 70 WET 51 PRES 24.55

MPG 22.11

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	4.62	3.65	2.91	3.65
CO	061.1	059.6	041.9	055.0
C2	305.4	319.8	256.0	299.1
NX	1.97	1.10	1.64	1.43

	IDLE	LO CR	HI CR	2500
HC	3167	3096	3308	
LH	000	000	000	
CO	5.12	2.02	1.81	
NX	055	235	1303	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1269 DATE 11/11/74

DRY 76 WET 51 PRES 24.89

MPG 22.43

MAKE CHEVROLET MODEL NOVA YEAR 69 CYL. 6 CID 230 WEIGHT 3000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.50	-0100	-01	-01	1	1	1	0	1	0	029124
AFTER MAINT	05.31	+0000	+00	+00	1	1	1	0	2	0	029124
AFTER 6 MO	08.10	+0000	+00	+00	1	1	1	0	2	0	030796
AFTER 12 MO	07.60	+0040	-01	+00	1	2	1	0	2	0	034313

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED					AFTER MAINTENANCE					AFTER 6 MONTHS					AFTER 12 MONTHS				
	CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975
HC	7.23	4.00	3.98	4.67	HC	8.15	3.37	3.22	4.33	HC	5.50	3.47	2.84	3.72	HC	6.01	3.90	3.73	4.30
CO	124.8	059.0	068.6	075.5	CO	128.4	057.5	064.5	074.3	CO	098.1	068.2	046.3	068.4	CO	105.0	062.9	060.5	071.0
C2	420.6	429.0	394.2	417.6	C2	430.8	457.9	393.0	434.2	C2	403.9	392.6	311.0	367.2	C2	440.8	403.2	352.3	396.9
NX	3.17	3.19	3.86	3.37	NX	2.61	2.54	3.03	2.69	NX	2.60	1.82	2.43	2.15	NX	3.11	2.16	2.76	2.53
	IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500
HC	3993	3692	3230		HC	3718	3255	3269		HC	6583	3905	2879		HC	6233	4570	4367	
LH	374	446	378		LH	351	385	351		LH	461	273	167		LH	000	000	000	
CO	4.20	3.70	2.80		CO	5.50	2.89	4.71		CO	8.56	3.55	1.88		CO	7.91	1.58	2.23	
NX	063	1147	1833		NX	070	1232	850		NX	043	743	1771		NX	047	1141	1381	
HS	280	335	245	1700	HS	250	275	220	200	HS	620	410	270	250	HS	000	000	000	000
CS	3.70	3.50	2.60	2.40	CS	4.60	2.60	4.00	0.75	CS	8.80	4.00	2.10	1.30	CS	0.00	0.00	0.00	0.00

TEST C0887 DATE 11/07/73	TEST C0949 DATE 11/12/73	TEST C1157 DATE 5/13/74	TEST C1268 DATE 11/07/74
DRY 74 WET 50 PRES 24.66	DRY 73 WET 52 PRES 24.52	DRY 70 WET 50 PRES 24.27	DRY 76 WET 52 PRES 24.75
MPG 16.17	MPG 15.78	MPG 18.31	MPG 17.06

MAKE FORD MODEL TORI YEAR 69 CYL. 8 CID 351 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.50	-0050	-02	-02	1	1	1	0	1	0	074369
AFTER MAINT	05.91	+0000	+00	+00	1	1	1	0	2	0	074369
AFTER 6 MO	07.40	+0050	+00	+00	1	1	1	0	2	0	079659
AFTER 12 MO	07.10	+0030	-02	+00	1	1	1	0	1	0	085965

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	1	1	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	7.47	5.49	5.18	5.82
CO	126.3	104.6	092.5	105.8
C2	457.2	466.1	412.9	449.5
NX	2.28	2.33	2.90	2.48

	IDLE	LO CR	HI CR	2500
HC	6065	3695	3776	
LH	554	453	453	
CO	8.05	1.59	2.72	
NX	053	2237	2211	
HS	380	300	280	140
CS	7.00	1.30	2.30	1.80

TEST C0890 DATE 11/07/73

DRY 75 WET 52 PRES 24.68

MPG 14.05

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.76	5.45	5.25	6.30
CO	147.8	108.5	086.4	110.6
C2	480.2	484.1	474.5	480.6
NX	2.72	3.27	3.94	3.34

	IDLE	LO CR	HI CR	2500
HC	4604	3146	3382	
LH	423	383	421	
CO	6.14	0.25	0.75	
NX	075	2586	4001	
HS	270	240	260	120
CS	5.10	0.20	2.20	2.00

TEST C0950 DATE 11/12/73

DRY 71 WET 51 PRES 24.52

MPG 13.21

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.31	4.46	3.74	4.44
CO	064.4	074.9	054.4	067.0
C2	467.7	458.4	388.8	441.0
NX	3.81	3.01	3.60	3.34

	IDLE	LO CR	HI CR	2500
HC	5594	3202	3297	
LH	400	216	212	
CO	7.20	0.27	1.12	
NX	034	2505	2796	
HS	550	315	315	125
CS	7.60	0.30	1.15	1.00

TEST C1159 DATE 5/13/74

DRY 72 WET 51 PRES 24.27

MPG 15.89

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	5.52	4.61	8.38	5.85
CO	075.8	078.7	065.3	074.4
C2	505.4	474.2	412.8	463.7
NX	4.02	3.10	3.76	3.47

	IDLE	LO CR	HI CR	2500
HC	5818	3387	3627	
LH	000	000	000	
CO	7.04	0.45	0.83	
NX	064	1221	1537	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1269 DATE 11/08/74

DRY 76 WET 53 PRES 24.54

MPG 14.87

MAKE MERCURY MODEL COME YEAR 72 CYL. 8 CID 302 WEIGHT 3000 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	02.30	+0020	-01	-08	1	1	1	0	2	0	008589
AFTER MAINT	05.35	+0000	+00	+00	1	1	1	0	2	0	008589
AFTER 6 MO	00.85	+0020	+00	+00	1	1	1	0	2	0	013182
AFTER 12 MO	02.60	+0025	+00	+00	1	1	1	0	2	0	017005

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	1	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.15	3.14	4.34	3.89
CO	087.9	056.6	056.3	063.1
C2	527.7	508.6	446.5	495.4
NX	2.85	1.11	2.65	1.90

	IDLE	LO CR	HI CR	2500
HC	2585	3374	3773	
LH	247	437	478	
CO	2.45	1.93	2.23	
NX	086	756	1718	
HS	160	300	330	130
CS	2.50	2.70	2.30	1.20

TEST C0904 DATE 11/08/73

DRY 80 WET 56 PRES 24.67

MPG 14.68

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.52	3.64	6.13	4.94
CO	140.3	087.9	092.7	100.2
C2	541.3	623.2	505.3	573.4
NX	3.21	1.30	2.92	2.15

	IDLE	LO CR	HI CR	2500
HC	3768	3662	3925	
LH	440	434	501	
CO	5.64	3.33	2.99	
NX	081	950	1851	
HS	280	295	330	180
CS	4.90	2.80	2.40	3.10

TEST C0956 DATE 11/13/73

DRY 73 WET 50 PRES 24.51

MPG 11.93

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.85	2.99	4.01	4.08
CO	137.2	045.8	043.0	064.1
C2	492.9	642.9	485.0	568.9
NX	2.42	1.76	2.67	2.15

	IDLE	LO CR	HI CR	2500
HC	2044	2538	4142	
LH	175	180	315	
CO	0.91	1.13	1.63	
NX	157	815	2259	
HS	220	245	410	150
CS	0.80	1.20	1.70	2.00

TEST C1161 DATE 5/14/74

DRY 75 WET 51 PRES 24.48

MPG 13.05

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	6.51	3.73	4.86	4.63
CO	117.7	059.8	059.8	071.9
C2	528.9	613.0	492.8	562.1
NX	2.98	1.61	2.99	2.28

	IDLE	LO CR	HI CR	2500
HC	3209	4172	4699	
LH	000	000	000	
CO	2.55	1.51	1.90	
NX	065	451	989	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1274 DATE 11/13/74

DRY 76 WET 52 PRES 24.71

MPG 12.91

MAKE FORD MODEL BRON YEAR 71 CYL. 8 CID 302 WEIGHT 3500 TRANS 3 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	02.30	-0050	+04	+00	1	1	1	0	1	0	020440
AFTER MAINT	00.50	+0000	+00	+00	1	1	1	0	2	0	020440
AFTER 6 MO	00.50	-0100	+00	+00	1	1	1	0	1	0	023544
AFTER 12 MO	01.00	-0020	+02	+03	1	1	1	0	2	0	027225

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	1	1	1	2	2	1	1	2	1	1	1	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	10.31	7.71	7.50	8.19
CO	118.2	097.5	093.5	100.7
C2	459.1	495.9	406.2	463.3
NX	2.87	1.53	2.76	2.15

	IDLE	LO CR	HI CR	2500
HC	6787	4340	3773	
LH	1219	497	457	
CO	3.34	3.22	2.73	
NX	054	1655	1840	
HS	1000	340	280	1150
CS	2.80	2.70	2.30	2.20

TEST C0906 DATE 11/08/73

DRY 74 WET 53 PRES 24.71

MPG 13.76

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	8.57	5.46	8.17	6.86
CO	106.3	075.3	095.1	087.3
C2	504.1	552.8	425.5	507.3
NX	2.58	1.25	2.04	1.75

	IDLE	LO CR	HI CR	2500
HC	1419	3626	3329	
LH	177	392	366	
CO	0.54	2.97	2.32	
NX	091	1546	1711	
HS	165	260	225	150
CS	0.35	2.60	1.80	2.00

TEST C0957 DATE 11/13/73

DRY 77 WET 52 PRES 24.52

MPG 13.37

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	43.26	26.06	22.88	28.78
CO	111.2	059.9	056.5	069.7
C2	425.0	475.0	365.9	434.3
NX	3.38	2.13	2.93	2.61

	IDLE	LO CR	HI CR	2500
HC	1046	3614	6609	
LH	121	310	591	
CO	0.48	1.10	1.81	
NX	083	1277	2031	
HS	135	370	850	2500
CS	0.50	1.30	2.00	1.35

TEST C1162 DATE 5/14/74

DRY 75 WET 52 PRES 24.48

MPG 14.03

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	9.75	4.72	5.84	6.08
CO	118.8	071.9	078.6	083.6
C2	472.4	531.9	403.4	483.8
NX	2.42	1.19	2.04	1.68

	IDLE	LO CR	HI CR	2500
HC	1694	4158	5372	
LH	000	000	000	
CO	1.03	2.23	2.89	
NX	090	386	1135	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1273 DATE 11/11/74

DRY 77 WET 49 PRES 24.88

MPG 14.04

MAKE CHEVROLET MODEL NOVA YEAR 70 CYL. 6 CID 250 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.70	+0050	-02	+00	1	2	1	0	2	0	012130
AFTER MAINT	00.11	+0000	+00	+00	1	1	1	0	2	0	012130
AFTER 6 MO	00.19	+0010	+01	+00	1	1	1	0	2	0	013242
AFTER 12 MO	00.09	+0070	+00	+00	1	1	1	0	2	0	014395

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	1	2	1	2	2	2	2	1	2	2	2	1
TAMP. 12 MO	2	2	1	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED					AFTER MAINTENANCE					AFTER 6 MONTHS					AFTER 12 MONTHS				
	CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975		CT	CS	HT	1975
HC	6.04	3.14	2.78	3.65	HC	4.29	2.29	2.60	2.80	HC	4.26	2.01	2.02	2.48	HC	4.62	2.39	2.57	2.91
CO	115.5	042.7	040.2	057.2	CO	069.8	006.9	014.6	022.2	CO	071.0	009.9	009.5	022.6	CO	074.3	008.7	014.9	024.2
C2	558.5	539.5	493.3	530.7	C2	508.8	524.9	429.1	494.9	C2	464.8	499.2	405.9	466.1	C2	493.8	487.2	401.8	464.9
NX	3.80	2.58	4.10	3.26	NX	4.05	2.92	4.23	3.52	NX	3.60	2.53	3.89	3.13	NX	4.27	3.00	4.09	3.57
	IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500		IDLE	LO CR	HI CR	2500
HC	3421	2644	2679		HC	2223	2272	2106		HC	2512	2098	2395		HC	2430	2456	2318	
LH	392	238	258		LH	262	240	229		LH	207	141	146		LH	000	000	000	
CO	5.09	0.83	1.43		CO	0.12	0.35	0.25		CO	0.20	0.17	0.46		CO	0.09	0.13	0.14	
NX	090	2139	2324		NX	177	1989	3500		NX	148	1603	2533		NX	085	797	1564	
HS	345	155	145	080	HS	215	155	125	045	HS	270	190	200	085	HS	000	000	000	000
CS	4.70	0.85	1.45	1.35	CS	0.15	0.40	0.28	0.35	CS	0.19	0.17	0.50	0.28	CS	0.00	0.00	0.00	0.00

TEST C0935 DATE 11/12/73	TEST C0983 DATE 11/15/73	TEST C1169 DATE 5/16/74	TEST C1278 DATE 11/15/74
DRY 73 WET 50 PRES 24.73	DRY 74 WET 46 PRES 24.76	DRY 71 WET 51 PRES 24.51	DRY 76 WET 51 PRES 24.72
MPG 14.09	MPG 16.53	MPG 17.48	MPG 17.39

MAKE FORD MODEL GALA YEAR 73 CYL. 8 CID 351 WEIGHT 4500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.50	+0020	+02	+00	1	1	1	0	2	1	016385
AFTER MAINT	04.78	+0000	+00	+00	1	1	1	0	2	1	016385
AFTER 6 MO	05.40	+0000	+00	+00	1	1	1	0	2	1	022038
AFTER 12 MO	05.60	+0060	-04	+00	1	1	1	0	2	1	028837

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	1	1	2	2	2	2	2	1	1	1	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	7.48	5.43	5.37	5.84
CO	117.7	112.7	086.9	106.6
C2	591.9	604.1	520.4	578.3
NX	2.16	1.89	2.25	2.05

	IDLE	LO CR	HI CR	2500
HC	4013	3681	3199	
LH	454	454	372	
CO	5.85	2.00	2.09	
NX	088	1943	1125	
HS	375	335	250	170
CS	5.00	1.85	1.95	2.40

TEST C0938 DATE 11/12/73

DRY 77 WET 52 PRES 24.71

MPG 11.66

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.24	5.21	6.39	5.96
CO	138.7	123.5	099.9	120.2
C2	528.8	528.5	476.4	514.1
NX	2.22	1.47	1.57	1.65

	IDLE	LO CR	HI CR	2500
HC	3728	3310	3355	
LH	328	425	425	
CO	5.03	1.97	2.09	
NX	066	1265	1024	
HS	220	280	260	110
CS	4.10	1.60	1.60	1.70

TEST C0980 DATE 11/14/73

DRY 70 WET 47 PRES 24.51

MPG 12.34

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.43	5.27	4.42	5.27
CO	107.8	110.7	076.3	100.5
C2	479.9	480.0	465.4	475.7
NX	4.06	2.40	3.81	3.14

	IDLE	LO CR	HI CR	2500
HC	4557	3334	3198	
LH	366	278	244	
CO	5.09	1.42	2.00	
NX	089	2035	2287	
HS	475	390	345	200
CS	5.70	1.65	2.25	2.40

TEST C1163 DATE 5/14/74

DRY 74 WET 52 PRES 24.39

MPG 13.70

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	5.10	4.62	4.51	4.69
CO	103.9	119.0	085.2	105.5
C2	539.0	544.0	480.1	525.2
NX	3.93	2.18	3.55	2.92

	IDLE	LO CR	HI CR	2500
HC	4376	3610	3799	
LH	000	000	000	
CO	5.58	2.14	2.63	
NX	072	1188	1794	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1271 DATE 11/12/74

DRY 77 WET 49 PRES 24.71

MPG 12.59

MAKE TOYOTA MODEL CORO YEAR 69 CYL. 4 CID 116 WEIGHT 2500 TRANS 4 EXH CTRL 1 EVAP CTRL 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.50	-0175	-08	+00	0	2	1	0	1	0	076050
AFTER MAINT	00.70	-0100	-07	+02	0	2	1	0	1	0	076050
AFTER 6 MO	03.00	+0000	-01	+01	0	1	1	0	1	0	081896
AFTER 12 MO	03.90	+0450	+04	+00	0	1	1	0	2	0	087559

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	1	2	1	1	1	2	2	2	1	1	1	1	2	2
TAMP. 12 MO	2	2	1	1	1	2	2	2	2	1	1	1	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.16	7.09	6.76	6.59
CO	120.7	156.9	170.9	153.2
C2	328.3	348.0	261.9	320.0
NX	2.69	1.44	0.84	1.54

	IDLE	LO CR	HI CR	2500
HC	4433	5320	4169	
LH	301	678	508	
CO	3.66	11.22	11.06	
NX	034	196	275	
HS	210	360	250	750
CS	3.20	8.40	9.10	3.60

TEST C0952 DATE 11/13/73

DRY 75 WET 52 PRES 24.50

MPG 15.32

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.70	3.89	5.01	4.37
CO	141.3	149.2	150.2	147.8
C2	288.3	350.1	277.6	317.1
NX	1.32	0.76	1.01	0.95

	IDLE	LO CR	HI CR	2500
HC	2796	1567	2639	
LH	439	234	324	
CO	1.00	4.41	6.40	
NX	090	522	1100	
HS	150	080	140	210
CS	0.50	3.40	4.70	1.60

TEST C0981 DATE 11/14/73

DRY 71 WET 48 PRES 24.51

MPG 15.82

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.80	6.21	4.27	5.59
CO	144.8	170.2	142.3	157.2
C2	281.9	275.9	235.5	266.0
NX	1.59	0.52	0.79	0.82

	IDLE	LO CR	HI CR	2500
HC	3069	5446	3736	
LH	191	421	290	
CO	3.52	10.92	7.95	
NX	046	245	464	
HS	205	415	320	900
CS	3.20	9.00	7.70	5.70

TEST C1165 DATE 5/15/74

DRY 74 WET 53 PRES 24.34

MPG 16.79

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	11.51	15.08	8.63	12.55
CO	043.9	043.8	036.0	041.6
C2	362.4	379.9	292.2	351.9
NX	3.92	4.13	3.50	3.91

	IDLE	LO CR	HI CR	2500
HC	17126	18350	9037	
LH	000	000	000	
CO	5.57	2.55	1.61	
NX	039	901	1282	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1275 DATE 11/14/74

DRY 76 WET 55 PRES 24.68

MPG 19.49

MAKE TOYOTA MODEL CORO YEAR 70 CYL. 4 CID 113 WEIGHT 2500 TRANS 4 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.21	+0200	+05	-02	1	1	1	0	1	0	051836
AFTER MAINT	00.15	+0270	-04	-05	1	1	1	0	1	0	051836
AFTER 6 MO	07.40	+0050	+00	+00	1	1	1	0	2	0	060987
AFTER 12 MO	03.80	+0950	-30	-19	1	1	1	0	1	0	069128

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2
TAMP. 12 MO	2	2	1	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.29	4.92	4.46	5.50
CO	135.8	042.0	042.5	061.7
C2	337.2	399.1	324.8	365.6
NX	2.49	3.19	3.24	3.06

	IDLE	LO CR	HI CR	2500
HC	5732	2697	2703	
LH	855	302	310	
CO	0.32	0.21	0.39	
NX	132	2299	3654	
HS	400	510	160	110
CS	0.25	0.20	0.40	0.20

TEST C0978 DATE 11/14/73

DRY 72 WET 49 PRES 24.46

MPG 18.56

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.68	3.44	3.23	4.06
CO	088.4	016.1	023.6	033.3
C2	334.3	433.6	343.1	387.7
NX	2.33	4.09	3.38	3.53

	IDLE	LO CR	HI CR	2500
HC	1726	2205	2693	
LH	227	258	319	
CO	0.23	0.27	2.00	
NX	186	1834	2888	
HS	170	130	170	145
CS	0.19	0.27	1.80	2.00

TEST C0982 DATE 11/15/73

DRY 75 WET 49 PRES 24.77

MPG 19.67

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	4.73	5.44	4.09	4.92
CO	078.9	116.1	070.0	095.5
C2	305.3	305.9	258.0	292.5
NX	2.72	1.31	1.91	1.77

	IDLE	LO CR	HI CR	2500
HC	7417	5529	3976	
LH	435	384	273	
CO	8.86	4.83	2.40	
NX	084	599	1994	
HS	475	450	330	350
CS	7.50	4.40	2.30	1.90

TEST C1166 DATE 5/15/74

DRY 80 WET 53 PRES 24.32

MPG 19.45

AFTER 12 MONTHS

	CT	CS	HT	1975
HC	11.70	13.00	6.89	11.03
CO	168.2	058.8	040.6	076.6
C2	362.3	358.3	297.7	342.4
NX	1.75	2.57	3.26	2.59

	IDLE	LO CR	HI CR	2500
HC	5256	4825	4136	
LH	000	000	000	
CO	4.71	5.37	4.06	
NX	064	208	751	
HS	000	000	000	000
CS	0.00	0.00	0.00	0.00

TEST C1277 DATE 11/14/74

DRY 76 WET 56 PRES 24.68

MPG 17.90

SECTION II

Section II Initial and Six Month Data

In this section are the results of emission tests for those vehicles available through at least the six month retest point of the high altitude emission test program. Of the 250 vehicles originally selected for the test program, 165 were available for retest at the six month point.

Figure II-1 is a reproduction of a set of data typical of that contained in this section. To assist investigators in using the data, a line by line explanation of the data follows.

1 VEH. NO. 007

2 MAKE CHEVROLET MODEL IMPA YEAR 66 CYL. 8 CID 327 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

3

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
As received	01.40	-0050	-32	-05	2	1	1	0	2	0	043884
After Maint.	03.30	+0120	-01	+01	2	1	1	0	2	0	043884
After 6 Mo.	03.45	+0120	+12	+00	1	1	1	0	2	0.	048382

4

	IG WS	COIL	SPARK	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
Tamp. 6 Mo.	2	2	2	2	1	2	2	2	2	2	2	2	2	2

5

AS RECEIVED

	CT	CS	HT	1975
HC	6.63	6.98	7.16	6.96
CO	118.2	104.2	102.9	106.8
C2	441.6	409.2	381.4	408.3
NX	2.88	1.80	2.64	2.26

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.74	5.17	5.67	5.64
CO	125.0	119.3	108.9	117.3
C2	433.6	426.7	391.9	418.5
NX	1.54	0.93	1.49	1.21

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	9.18	7.59	6.57	7.64
CO	166.8	136.1	143.9	144.7
C2	518.1	475.1	418.3	468.3
NX	1.78	1.07	1.37	1.30

6

	IDLE	LO CR	HI CR	2500
HC	4274	3771	3301	
LH	554	409	316	
CO	2.04	4.10	3.73	
NX	427	1236	1540	
HS	415	320	245	535
CS	1.65	4.20	3.80	4.60

	IDLE	LO CR	HI CR	2500
HC	3735	3755	3180	
LH	402	375	273	
CO	3.45	4.45	3.37	
NX	175	807	1220	
HS	370	330	235	245
CS	3.80	4.10	3.60	4.60

	IDLE	LO CR	HI CR	2500
HC	4156	4175	3644	
LH	478	461	375	
CO	3.23	4.03	3.43	
NX	133	731	944	
HS	400	370	250	240
CS	3.20	4.00	5.20	4.00

7 Test C0010 Date 8/09/73 | Test C0019 Date 8/10/73 | Test C0994 Date 2/12/74

8 Dry 77 Wet 58 Pres 24.79 | Dry 78 Wet 54 Pres 24.75 | Dry 70 Wet 49 Pres 24.66

9 MPG 14.89 | MPG 14.35 | MPG 12.38

Figure II-1 Typical 6 Month Data

Line (1) Vehicle No.

Each vehicle considered for the program was assigned a number which it retained throughout the program. 327 vehicles were originally considered; 300 received initial emissions inspections; 250 were selected for further testing; 165 completed the six month cycle.

Line (2) Vehicle Identification Data

Make, model, model year, number of cylinders, engine displacement in cubic inches, curb weight in pounds is followed by coded data: vehicles with automatic transmissions were coded "TRANS 1," manual transmission equipped cars were coded "TRANS 3" or "TRANS 4" corresponding to the number of forward speeds; the remaining three entries identify the presence or absence of the equipment listed, "1" indicates equipment installed, "2" indicates equipment not installed.

Line (3) Test Data Summary

Data from three points in the program are summarized. "As Received" indicates data from laboratory screening tests run on all vehicles at the start of the program. Vehicles failing program standards for emissions received corrective maintenance at participating garages and service centers; "After Maintenance" gives results of retests at the laboratory. "After 6 mo" are results of laboratory tests at the end of the six months.

IDLE CO is given in mole percent carbon monoxide. IDLE RPM, ignition timing and dwell in degrees are given as the measured value minus the manufacturer's specification for each parameter.

Following "Dwell" are the coded results of laboratory inspections of

six emission related items in question and answer format:

QUESTION	ANSWER
PCV ok? (positive crankcase ventilation)	"0" not applicable; "1" yes; "2" no
A/C ok? (air cleaner)	"1" yes; "2" no
CHOKE ok? (vacuum kick and heat riser)	"0" not applicable; "1" yes; "2" no
A/P ok? (air pump)	"0" not applicable; "1" yes; "2" no
Misfire?	"1" yes; "2" no
NO_x Control ok?	"0" not applicable; "1" yes; "2" no

Odometer readings give total accumulated vehicle mileage at each point in the program.

Line (4) Results of an unauthorized service check made on 14 emission related items. At the program start, vehicle owner volunteers were requested to refrain from having any maintenance on emission related components during the six month period between the initial test and the first retest unless authorized by the test manager. Paint marks or other identifying marks enabled lab inspectors to identify non-compliance with the no-maintenance request.

Results are coded: "1" indicates part change and/or readjustment
"2" indicates original part and/or setting intact

The items controlled include:

IG WS	=	ignition wires
COIL	=	ignition coil
SPRKS	=	spark plugs
AIR/F	=	air filter
A/C	=	air cleaner hold down nut
F/MX J	=	carburetor idle mixture screw
IDL/AJ	=	idle RPM adjust screw
CHK	=	choke setting
Dist AJ	=	distributor timing adjustment
PTS AJ	=	distributor point cap adjustment
RTR	=	distributor rotor
DST CAP	=	distributor cap
RPV	=	positive crankcase ventilation system

Line (5) Federal Test Procedure Data

Laboratory standard exhaust emission tests were performed according to procedures prescribed in the Federal Register, Volume 38, Number 124, Part III, dated June 28, 1973. Listed are CT (Cold Transient), CS (Cold Stabilized), HT (Hot Transient) and 1975 (Final Test Results Calculated From Preceding Values). The units for CT, CS, and HT are grams/test phase. The final result is given in grams/vehicle mile.

Recorded are readings for "HC" (hydrocarbons), "CO" (carbon monoxide, "C2" (carbon dioxide) and NX (nitrogen oxides). Readings "As Received" and "After Maintenance" will be identical for those vehicles passing the test standards during their initial idle inspections.

Line (6) Emission Test Summary

Additional lab tests were performed using idle and loaded modes of vehicle operation. The first three columns in each set give the results of dynamometer testing using procedures prescribed by Clayton Manufacturing Company with the vehicles in an "Idle" mode, "LO CR" (low cruise) and "HI CR" (high cruise) modes. An unloaded test with engine RPM set to 2500 RPM completes the listing.

Data is recorded for:

HC = ppm carbon using flame ionization detector (Beckman 400)

LH = ppm hydrocarbons as hexane using non-dispersive infrared instrumentation (Beckman 315A)

CO = mole % carbon monoxide using non-dispersive infrared instrumentation (Beckman 315A)

NX = ppm oxides of nitrogen as NO using chemiluminescent detector (Thermo Electron 10A)

HS = ppm hydrocarbons as hexane using non-dispersive infrared instrumentation (Sun EPA 75)

CS = mole % carbon monoxide using non-dispersive infrared instrumentation (Sun EPA-75)

Line (7) Test Sequence Numbering and Test Data Information

Line (8) Dry and Wet Bulb Temperatures in Degrees F. and Barometric Pressure in Inches of Mercury (Uncorrected to Sea Level).

Line (9) Fuel Economy in Miles Per Gallon Calculated From Federal Emission Test Data

VEH. NO. 007

MAKE CHEVROLET MODEL IMPA YEAR 66 CYL. 8 CID 327 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.40	-0050	-32	-05	2	1	1	0	2	0	043884
AFTER MAINT	03.30	+0120	-01	+01	2	1	1	0	2	0	043884
AFTER 6 MO	03.45	+0120	+12	+00	1	1	1	0	2	0	046382

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	PTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.63	6.98	7.16	6.96
CO	118.2	104.2	102.9	106.8
C2	441.6	409.2	381.4	408.3
NX	2.88	1.80	2.64	2.26

	IDLE	LO CR	HI CR	2500
HC	4274	3771	3301	
LH	554	409	316	
CO	2.04	4.10	3.73	
NX	427	1236	1540	
HS	415	320	245	535
CS	1.65	4.20	3.80	4.60

TEST C0010 DATE 8/09/73

DRY 77 WET 58 PRES 24.79

MPG 14.89

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.74	5.17	5.67	5.64
CO	125.0	119.3	108.0	117.3
C2	433.6	426.7	391.9	418.5
NX	1.54	0.93	1.49	1.21

	IDLE	LO CR	HI CR	2500
HC	3735	3755	3180	
LH	402	375	273	
CO	3.45	4.45	3.37	
NX	175	807	1220	
HS	370	330	235	245
CS	3.80	4.10	3.60	4.60

TEST C0019 DATE 8/10/73

DRY 78 WET 54 PRES 24.75

MPG 14.35

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	9.18	7.59	6.57	7.64
CO	166.8	136.1	143.9	144.7
C2	518.1	475.1	418.3	468.3
NX	1.78	1.07	1.37	1.30

	IDLE	LO CR	HI CR	2500
HC	4156	4175	3644	
LH	478	461	375	
CO	3.23	4.03	3.43	
NX	133	731	944	
HS	400	370	250	240
CS	3.20	4.00	5.20	4.00

TEST C0994 DATE 2/12/74

DRY 70 WET 49 PRES 24.55

MPG 12.38

MAKE CHEVROLET MODEL CHE2 YEAR 66 CYL. 6 CID 194 WEIGHT 3000 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	09.50	-0065	-03	-02	1	2	1	0	2	0	072251
AFTER MAINT	08.00	-0115	-03	+01	1	1	1	0	2	0	072251
AFTER 6 MO	09.60	+0075	-01	+11	1	2	1	0	2	0	075409

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	12.58	10.41	9.66	10.66
CO	118.1	117.2	099.1	112.4
C2	323.1	336.6	251.0	310.0
NX	2.58	2.20	2.12	2.26

	IDLE	LO CR	HI CR	2500
HC	15629	3974	5675	
LH	815	447	645	
CO	10.16	1.62	9.82	
NX	024	2073	200	
HS	720	335	475	385
CS	9.60	1.85	9.50	6.80

TEST C0011 DATE 8/09/73

DRY 84 WET 61 PRES 24.79

MPG 17.12

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	14.89	11.06	9.14	11.33
CO	111.6	134.1	092.3	117.8
C2	280.1	256.4	245.1	258.2
NX	2.03	0.88	2.00	1.44

	IDLE	LO CR	HI CR	2500
HC	15775	4606	5642	
LH	894	488	610	
CO	8.98	2.59	8.17	
NX	025	1982	342	
HS	730	365	450	385
CS	8.70	2.60	8.20	5.90

TEST C0026 DATE 8/13/73

DRY 78 WET 58 PRES 24.33

MPG 18.59

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	13.06	13.50	10.96	12.70
CO	124.7	128.5	106.1	121.5
C2	354.9	321.0	260.5	311.3
NX	2.63	1.60	1.60	1.81

	IDLE	LO CR	HI CR	2500
HC	11600	4633	6656	
LH	721	518	698	
CO	9.69	2.51	10.32	
NX	018	1519	154	
HS	720	465	620	520
CS	9.60	2.45	9.90	6.70

TEST C0997 DATE 2/13/74

DRY 69 WET 48 PRES 24.43

MPG 16.42

MAKE CHRYSLER MODEL STAW YEAR 67 CYL. 8 CID 383 WEIGHT 5000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.85	+0140	+00	+04	1	1	1	0	2	0	063004
AFTER MAINT	03.85	+0140	+00	+04	1	1	1	0	2	0	063004
AFTER 6 MO	00.13	+0080	+00	+05	1	1	1	0	2	0	066203

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	1	1	2	2	1	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	17.12	5.27	4.84	7.63
CO	233.0	091.8	078.7	117.7
C2	499.4	562.4	511.7	535.1
NX	1.90	2.04	2.97	2.27

	IDLE	LO CR	HI CR	2500
HC	4076	3862	3679	
LH	484	330	273	
CO	4.25	3.50	3.86	
NX	092	1032	1465	
HS	380	360	230	140
CS	4.10	3.50	4.10	3.30

TEST C0017 DATE 8/10/73

DRY 78 WET 55 PRES 24.75

MPG 11.97

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	17.12	5.27	4.84	7.63
CO	233.0	091.8	078.7	117.7
C2	499.4	562.4	511.7	535.1
NX	1.90	2.04	2.97	2.27

	IDLE	LO CR	HI CR	2500
HC	4076	3862	3679	
LH	484	330	273	
CO	4.25	3.50	3.86	
NX	092	1032	1465	
HS	380	360	230	140
CS	4.10	3.50	4.10	3.30

TEST C0017 DATE 8/10/73

DRY 78 WET 55 PRES 24.75

MPG 11.97

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	10.78	5.80	5.00	6.62
CO	206.2	110.9	092.5	125.8
C2	555.5	585.7	502.7	556.4
NX	1.58	1.78	2.16	1.84

	IDLE	LO CR	HI CR	2500
HC	4319	3463	3723	
LH	2368	1035	683	
CO	2.98	2.17	4.03	
NX	104	1062	1200	
HS	280	250	230	100
CS	2.20	2.40	3.80	2.80

TEST C0996 DATE 2/12/74

DRY 69 WET 49 PRES 24.56

MPG 11.50

MAKE CHEVROLET MODEL CHE2 YEAR 64 CYL. 6 CID 194 WEIGHT 3000 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.09	-0100	-12	+02	1	1	1	0	2	0	049237
AFTER MAINT	00.09	-0100	-12	+02	1	1	1	0	2	0	049237
AFTER 6 MO	00.25	+0160	+00	+05	1	2	1	0	1	0	052547

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	13.48	9.31	7.02	9.55
CO	109.0	107.9	075.0	099.0
C2	280.5	263.1	247.6	262.5
NX	1.80	0.99	1.73	1.37

	IDLE	LO CR	HI CR	2500
HC	6665	4288	5044	
LH	958	431	502	
CO	0.14	2.83	10.20	
NX	043	2071	176	
HS	640	365	415	365
CS	0.15	2.90	9.80	4.30

TEST C0018 DATE 8/10/73

DRY 78 WET 56 PRES 24.75

MPG 19.87

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	13.48	9.31	7.02	9.55
CO	109.0	107.9	075.0	099.0
C2	280.5	263.1	247.6	262.5
NX	1.80	0.99	1.73	1.37

	IDLE	LO CR	HI CR	2500
HC	6665	4288	5044	
LH	958	431	502	
CO	0.14	2.83	10.20	
NX	043	2071	176	
HS	640	365	415	365
CS	0.15	2.90	9.80	4.30

TEST C0018 DATE 8/10/73

DRY 78 WET 56 PRES 24.75

MPG 19.87

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	9.75	6.84	7.39	7.60
CO	114.0	090.0	082.0	092.8
C2	308.2	292.7	270.1	289.7
NX	2.15	1.58	2.06	1.83

	IDLE	LO CR	HI CR	2500
HC	3328	3947	5248	
LH	382	482	579	
CO	0.29	2.71	9.16	
NX	074	1704	260	
HS	240	435	455	1200
CS	0.23	2.60	8.50	2.90

TEST C0993 DATE 2/12/74

DRY 68 WET 47 PRES 24.55

MPG 19.38

MAKE FORD MODEL STAW YEAR 67 CYL. 8 CID 289 WEIGHT 3500 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	08.60	-0075	+00	+00	1	1	1	0	2	0	060240
AFTER MAINT	05.91	+0000	+00	+00	1	1	1	0	2	0	060240
AFTER 6 MO	06.40	-0005	-02	-04	1	1	1	0	2	0	062504

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	1	1	1	1	2

AS RECEIVED

	CT	CS	HT	1975
HC	13.66	15.31	9.79	13.43
CO	126.5	171.4	115.2	146.4
C2	331.4	303.4	276.4	301.8
NX	1.09	0.40	0.87	0.67

	IDLE	LO CR	HI CR	2500
HC	19106	5136	5100	
LH	848	589	613	
CO	8.87	4.35	4.95	
NX	014	687	604	
HS	720	460	485	345
CS	9.40	4.50	4.90	5.90

TEST C0021 DATE 8/13/73

DRY 77 WET 60 PRES 24.94

MPG 15.51

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.24	9.62	8.13	9.13
CO	095.7	109.0	120.7	109.4
C2	363.6	351.6	281.1	334.5
NX	1.26	0.60	0.71	0.77

	IDLE	LO CR	HI CR	2500
HC	6671	4644	4162	
LH	605	562	478	
CO	6.53	4.05	4.24	
NX	034	675	570	
HS	800	900	720	680
CS	6.00	4.20	4.50	6.00

TEST C0055 DATE 8/16/73

DRY 78 WET 57 PRES 24.76

MPG 16.64

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	13.63	16.65	12.00	14.73
CO	150.1	197.8	149.9	174.5
C2	327.6	340.0	268.8	317.7
NX	0.65	0.27	0.41	0.39

	IDLE	LO CR	HI CR	2500
HC	10655	4761	4805	
LH	755	568	622	
CO	8.63	5.39	5.47	
NX	012	358	430	
HS	465	415	430	430
CS	6.20	4.45	4.60	6.20

TEST C1004 DATE 2/15/74

DRY 70 WET 49 PRES 24.65

MPG 13.95

MAKE FORD MODEL FALC YEAR 67 CYL. 8 CID 289 WEIGHT 3000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.10	+0045	+00	+00	1	2	1	0	2	0	059003
AFTER MAINT	06.10	+0045	+00	+00	1	2	1	0	2	0	059003
AFTER 6 MO	00.26	+0045	+00	+00	1	1	1	0	2	0	065707

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	PTR	DST CAP	ROV
TAMP. 6 MO	2	2	2	2	1	2	1	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	7.47	7.38	6.23	7.08
CO	096.9	134.8	106.0	118.9
C2	398.8	362.8	332.0	361.8
NX	2.50	1.10	1.67	1.55

	IDLE	LO CR	HI CR	2500
HC	5167	5372	5561	
LH	600	672	618	
CO	6.52	4.22	7.52	
NX	070	894	293	
HS	450	560	500	365
CS	6.50	4.20	7.80	6.40

TEST C0022 DATE 8/13/73

DRY 76 WET 59 PRES 24.94

MPG 15.60

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.47	7.38	6.23	7.08
CO	096.9	134.8	106.0	118.9
C2	398.8	362.8	332.0	361.8
NX	2.50	1.10	1.67	1.55

	IDLE	LO CR	HI CR	2500
HC	5167	5372	5561	
LH	600	672	618	
CO	6.52	4.22	7.52	
NX	070	894	293	
HS	450	560	500	365
CS	6.50	4.20	7.80	6.40

TEST C0022 DATE 8/13/73

DRY 76 WET 59 PRES 24.94

MPG 15.60

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	7.32	7.12	6.08	6.87
CO	109.9	146.5	118.6	131.1
C2	425.7	401.3	350.2	392.2
NX	1.91	0.95	1.28	1.24

	IDLE	LO CR	HI CR	2500
HC	5574	6216	5257	
LH	2586	1414	939	
CO	7.80	5.78	7.36	
NX	052	442	274	
HS	410	600	420	390
CS	1.80	5.20	7.00	5.50

TEST C0995 DATE 2/12/74

DRY 69 WET 49 PRES 24.56

MPG 14.37

MAKE CHEVRCLET MODEL BISC YEAR 66 CYL. 8 CID 283 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.30	+0190	-18	-01	1	2	2	0	2	0	051045
AFTER MAINT	04.88	+0000	+00	+00	1	1	1	0	2	0	051045
AFTER 6 MO	00.63	-0150	+00	+01	1	1	1	0	2	0	055894

	IG WS	COIL	SPRKS	AIR/F	A/C	F/NX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	1	1	1	1	1	1	1	1	1	1	1	2	1	2

AS RECEIVED

	CT	CS	HT	1975
HC	16.09	9.43	8.02	10.43
CO	211.5	169.6	148.8	172.6
C2	385.7	370.5	339.2	365.0
NX	2.18	1.21	1.67	1.54

	IDLE	LO CR	HI CR	2500
HC	6007	5153	4177	
LH	746	610	425	
CO	6.77	6.09	4.01	
NX	082	647	1723	
HS	590	440	295	420
CS	6.70	5.80	4.10	5.90

TEST C0020 DATE 8/13/73

DRY 75 WET 62 PRES 24.94

MPG 13.31

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	14.13	7.39	7.82	8.92
CO	209.6	154.1	141.8	162.3
C2	376.1	368.7	330.5	359.7
NX	1.51	0.92	1.34	1.16

	IDLE	LO CR	HI CR	2500
HC	5677	4618	4323	
LH	641	499	464	
CO	5.98	5.00	5.29	
NX	056	685	812	
HS	710	720	515	565
CS	5.00	4.90	5.20	5.00

TEST C0074 DATE 8/18/73

DRY 74 WET 61 PRES 24.77

MPG 13.86

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	7.73	7.05	7.14	7.22
CO	193.1	176.0	173.1	178.8
C2	472.2	433.6	395.9	431.2
NX	0.62	0.84	1.33	0.93

	IDLE	LO CR	HI CR	2500
HC	3624	4302	6004	
LH	276	292	386	
CO	0.80	3.95	11.23	
NX	077	301	050	
HS	420	460	500	480
CS	0.70	4.00	2.00	5.20

TEST C1013 DATE 2/21/74

DRY 68 WET 48 PRES 24.53

MPG 12.12

MAKE FORD MODEL STAW YEAR 73 CYL. 8 CID 400 WEIGHT 5000 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	02.80	-0145	+08	-02	2	1	1	0	1	1	003001
AFTER MAINT	01.02	-0005	+00	-01	2	1	1	0	1	1	003001
AFTER 6 MO	01.77	-0175	-01	-02	1	2	1	0	1	1	007105

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	1	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.01	3.72	3.68	3.98
CO	091.7	069.5	068.0	073.7
C2	645.2	635.8	564.3	618.0
NX	6.53	3.15	5.85	4.61

	IDLE LO CR	HI CR	2500	
HC	3450	2804	2530	
LH	337	248	189	
CO	3.15	1.47	1.49	
NX	114	2867	3430	
HS	320	230	170	400
CS	3.00	1.60	1.55	1.80

TEST C0031 DATE 8/14/73

DRY 76 WET 58 PRES 24.78

MPG 11.93

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.50	3.50	3.30	3.65
CO	087.5	065.9	064.3	070.0
C2	678.3	685.1	602.5	660.8
NX	6.71	3.03	5.60	4.51

	IDLE LO CR	HI CR	2500	
HC	2854	2562	2377	
LH	274	229	188	
CO	1.01	1.32	1.39	
NX	265	3225	3767	
HS	400	320	340	2500
CS	1.00	1.20	1.50	1.10

TEST C0041 DATE 8/15/73

DRY 72 WET 56 PRES 24.78

MPG 11.39

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.57	3.83	4.57	4.40
CO	095.5	055.6	079.1	070.5
C2	684.0	661.2	570.1	640.7
NX	7.87	3.57	6.32	5.23

	IDLE LO CR	HI CR	2500	
HC	6864	2780	2531	
LH	1254	314	282	
CO	1.55	0.64	1.19	
NX	068	2104	1414	
HS	1200	210	190	200
CS	1.20	8.00	1.40	1.80

TEST C0998 DATE 2/13/74

DRY 70 WET 51 PRES 24.50

MPG 11.64

MAKE CHRYSLER MODEL NEWP YEAR 64 CYL. 8 CID 361 WEIGHT 4500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.90	+0220	+00	+03	1	2	1	0	2	0	099340
AFTER MAINT	01.08	+0190	+00	+03	1	2	1	0	2	0	099340
AFTER 6 MO	04.63	+0100	+02	+03	1	1	1	0	2	0	102762

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	1	2	1	1	1	2	2	2	2	2	2	2	1	2

AS RECEIVED

	CT	CS	HT	1975
HC	11.18	6.81	6.43	7.62
CO	271.2	210.1	203.7	221.1
C2	443.0	459.3	382.8	434.7
NX	0.62	0.57	0.59	0.59

	IDLE	LO CR	HI CR	2500
HC	6111	5267	4944	
LH	765	552	466	
CO	7.39	9.52	9.12	
NX	066	130	192	
HS	520	385	300	220
CS	7.30	9.10	8.80	9.30

TEST C0024 DATE 8/13/73

DRY 78 WET 58 PRES 24.93

MPG 11.05

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.25	4.57	4.70	5.59
CO	223.7	086.5	123.6	125.5
C2	433.5	491.5	403.3	454.9
NX	0.92	1.27	1.13	1.16

	IDLE	LO CR	HI CR	2500
HC	3208	4252	4305	
LH	343	442	410	
CO	1.20	6.53	6.99	
NX	163	348	544	
HS	600	740	710	320
CS	1.20	6.50	7.10	5.20

TEST C0042 DATE 8/15/73

DRY 78 WET 58 PRES 24.78

MPG 13.30

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	13.21	6.48	6.14	7.80
CO	272.7	144.8	154.7	174.3
C2	424.7	455.8	385.9	429.9
NX	0.96	1.70	1.44	1.47

	IDLE	LO CR	HI CR	2500
HC	3961	4890	4740	
LH	554	665	572	
CO	4.39	6.50	7.27	
NX	070	441	399	
HS	420	520	400	400
CS	4.60	6.00	6.80	7.20

TEST C1003 DATE 2/14/74

DRY 72 WET 54 PRES 24.55

MPG 12.23

MAKE CADILLAC MODEL DEVI YEAR 65 CYL. 8 CID 429 WEIGHT 5000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.95	+0020	+00	+01	1	1	1	0	2	0	084961
AFTER MAINT	05.95	+0020	+00	+01	1	1	1	0	2	0	084961
AFTER 6 MO	05.91	+0090	+01	+00	1	1	1	0	2	0	088884

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	7.39	5.88	5.22	6.01
CO	099.8	083.8	075.9	085.0
C2	578.1	539.5	493.2	534.8
NX	4.50	4.60	4.35	4.51

	IDLE	LO CR	HI CR	2500
HC	4859	3516	3263	
LH	518	329	251	
CO	6.36	0.83	1.60	
NX	073	2162	1995	
HS	370	235	165	125
CS	6.10	0.80	1.70	1.05

TEST C0029 DATE 8/14/73

DRY 73 WET 56 PRES 24.80

MPG 12.96

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.39	5.88	5.22	6.01
CO	099.8	083.8	075.9	085.0
C2	578.1	539.5	493.2	534.8
NX	4.50	4.60	4.35	4.51

	IDLE	LO CR	HI CR	2500
HC	4859	3516	3263	
LH	518	329	251	
CO	6.36	0.83	1.60	
NX	073	2162	1995	
HS	370	235	165	125
CS	6.10	0.80	1.70	1.05

TEST C0029 DATE 8/14/73

DRY 73 WET 56 PRES 24.80

MPG 12.96

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	7.92	5.67	5.05	5.97
CO	108.8	082.3	073.4	085.4
C2	628.7	552.4	532.3	562.8
NX	4.26	4.02	4.05	4.08

	IDLE	LO CR	HI CR	2500
HC	4784	3066	2825	
LH	706	437	366	
CO	5.96	0.51	1.43	
NX	050	1853	1723	
HS	610	320	240	200
CS	5.60	0.90	1.40	1.20

TEST C1000 DATE 2/14/74

DRY 68 WET 50 PRES 24.51

MPG 12.44

MAKE MERCURY MODEL MONR YEAR 55 CYL. 8 CID 390 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.01	-0025	+00	+02	2	2	2	0	1	0	072548
AFTER MAINT	01.01	-0025	+00	+02	2	2	2	0	1	0	072548
AFTER 6 MO	00.47	+0005	+00	+03	1	2	1	0	2	0	077869

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	1	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	10.43	6.54	6.28	7.28
CO	178.0	093.7	093.5	111.3
C2	486.6	501.9	440.2	481.6
NX	1.56	1.54	1.90	1.64

	IDLE	LO CR	HI CR	2500
HC	5150	4646	4065	
LH	747	527	356	
CO	1.17	4.51	2.74	
NX	144	849	1479	
HS	950	510	334	390
CS	1.15	4.35	2.65	5.50

TEST C0030 DATE 8/14/73

DRY 76 WET 55 PRES 24.78

MPG 13.11

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	10.43	6.54	6.28	7.28
CO	178.0	093.7	093.5	111.3
C2	486.6	501.9	440.2	481.6
NX	1.56	1.54	1.90	1.64

	IDLE	LO CR	HI CR	2500
HC	5150	4646	4065	
LH	747	527	356	
CO	1.17	4.51	2.74	
NX	144	849	1479	
HS	950	510	334	390
CS	1.15	4.35	2.65	5.50

TEST C0030 DATE 8/14/73

DRY 76 WET 55 PRES 24.78

MPG 13.11

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	24.06	8.24	11.34	12.41
CO	224.5	150.9	132.2	161.1
C2	532.5	531.6	476.6	516.5
NX	1.20	0.73	1.32	0.99

	IDLE	LO CR	HI CR	2500
HC	6070	4626	4163	
LH	1084	553	434	
CO	0.43	4.57	3.76	
NX	100	539	719	
HS	1000	500	380	400
CS	0.70	4.80	4.40	6.00

TEST C1001 DATE 2/14/74

DRY 70 WET 51 PRES 24.51

MPG 11.01

MAKE OLDSMOBILE MODEL STAW YEAR 64 CYL. 8 CID 330 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	11.20	+0000	+03	-10	0	2	2	0	2	0	089020
AFTER MAINT	05.93	+0000	+00	+00	0	1	1	0	2	0	089020
AFTER 6 MO	00.26	+0000	+00	+00	0	2	1	0	1	0	091508

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	PTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	14.56	17.39	12.17	15.35
CO	195.4	206.0	199.6	202.0
C2	468.1	395.3	402.8	412.6
NX	2.28	1.05	1.66	1.47

	IDLE	LO CR	HI CR	2500
HC	38839	5481	5504	
LH	1373	613	541	
CO	10.09	7.18	9.08	
NX	005	356	305	
HS	1720	535	500	800
CS	20.00	7.40	9.80	5.20

TEST C0035 DATE 8/15/73

DRY 68 WET 55 PRES 24.87

MPG 11.44

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.72	7.18	6.25	7.45
CO	184.0	190.7	161.4	181.2
C2	484.7	440.5	401.6	439.0
NX	1.16	0.59	0.90	0.80

	IDLE	LO CR	HI CR	2500
HC	5507	4535	5153	
LH	666	483	490	
CO	6.32	5.84	10.19	
NX	052	280	116	
HS	890	560	560	350
CS	6.20	5.80	10.00	3.90

TEST C0096 DATE 8/21/73

DRY 76 WET 57 PRES 24.80

MPG 11.92

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	8.58	6.31	5.28	6.50
CO	184.7	181.3	150.9	173.6
C2	446.1	403.3	378.1	405.3
NX	0.69	0.42	0.76	0.57

	IDLE	LO CR	HI CR	2500
HC	9664	4060	4716	
LH	3207	1074	803	
CO	6.04	4.41	10.58	
NX	021	368	102	
HS	520	310	300	280
CS	4.90	3.80	9.40	4.80

TEST C1007 DATE 2/18/74

DRY 73 WET 55 PRES 24.61

MPG 12.75

MAKE PONTIAC MODEL TEMP YEAR 65 CYL. 8 CID 326 WEIGHT 3500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	07.30	-0010	-12	+02	1	1	1	0	2	0	059585
AFTER MAINT	05.99	+0000	+00	+00	1	1	1	0	2	0	059585
AFTER 6 MO	06.88	+0060	+02	+02	1	1	1	0	2	0	062471

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	15.56	10.61	8.81	11.15
CO	234.1	193.7	163.8	193.9
C2	396.4	366.8	328.7	362.4
NX	0.71	0.52	0.72	0.61

	IDLE	LO CR	HI CR	2500
HC	8490	4474	5992	
LH	845	463	632	
CO	8.41	3.02	11.41	
NX	035	529	097	
HS	760	360	520	375
CS	8.20	3.20	20.00	5.15

TEST C0036 DATE 8/15/73

DRY 68 WET 54 PRES 24.87

MPG 12.68

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.76	8.23	7.28	8.29
CO	174.6	160.4	144.1	158.9
C2	371.7	385.1	339.0	369.5
NX	1.07	0.73	1.08	0.90

	IDLE	LO CR	HI CR	2500
HC	5785	4752	5187	
LH	699	521	544	
CO	6.45	2.75	6.78	
NX	074	913	374	
HS	1200	790	800	650
CS	6.20	3.10	7.00	4.80

TEST C0070 DATE 8/17/73

DRY 71 WET 56 PRES 24.77

MPG 13.80

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	14.82	11.30	9.10	11.43
CO	218.3	198.5	177.7	196.9
C2	420.8	406.2	350.5	393.8
NX	0.98	0.60	0.70	0.71

	IDLE	LO CR	HI CR	2500
HC	6821	4985	5250	
LH	893	582	575	
CO	7.64	3.56	6.54	
NX	047	562	349	
HS	800	440	440	460
CS	7.40	3.80	1.70	5.20

TEST C1002 DATE 2/14/74

DRY 72 WET 53 PRES 24.55

MPG 12.05

MAKE CADILLAC MODEL DEVI YEAR 64 CYL. 8 CID 429 WEIGHT 5000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.60	+0015	+00	+00	2	2	1	0	2	0	048156
AFTER MAINT	00.11	+0090	+00	+02	2	2	1	0	1	0	048156
AFTER 6 MO	00.21	+0120	+00	+02	1	2	1	0	2	0	048661

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	9.76	9.78	7.99	9.28
CO	230.2	194.5	194.8	202.0
C2	579.5	615.2	500.3	575.8
NX	2.01	2.10	1.93	2.03

	IDLE	LO CR	HI CR	2500
HC	4645	4520	4653	
LH	436	409	421	
CO	5.96	6.09	7.45	
NX	072	639	484	
HS	390	343	345	390
CS	5.95	6.10	7.70	5.90

TEST C0037 DATE 8/15/73

DRY 69 WET 55 PRES 24.87

MPG 9.65

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	8.88	8.82	8.16	8.65
CO	203.4	149.6	183.2	170.2
C2	572.5	610.6	493.0	570.0
NX	1.93	2.05	1.83	1.96

	IDLE	LO CR	HI CR	2500
HC	3910	4356	4724	
LH	414	425	467	
CO	0.14	6.20	8.93	
NX	069	596	316	
HS	500	710	660	700
CS	0.17	6.50	9.00	6.20

TEST C0056 DATE 8/16/73

DRY 76 WET 58 PRES 24.67

MPG 10.30

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	10.57	6.10	10.54	8.27
CO	216.4	131.4	165.2	158.5
C2	558.5	490.4	449.3	493.3
NX	2.60	2.49	2.41	2.49

	IDLE	LO CR	HI CR	2500
HC	9099	5262	5507	
LH	1901	949	741	
CO	4.15	4.73	7.91	
NX	033	648	358	
HS	370	380	350	350
CS	3.60	4.10	6.90	4.90

TEST C1005 DATE 2/18/74

DRY 69 WET 54 PRES 24.40

MPG 11.59

MAKE CHEVROLET MODEL IMPA YEAR 64 CYL. 8 CID 327 WEIGHT 3500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.10	+0030	+00	+01	0	2	2	0	2	0	060672
AFTER MAINT	02.60	-0025	+01	+02	0	1	1	0	2	0	060672
AFTER 6 MO	03.21	+0000	+01	+04	0	1	1	0	2	0	065860

	IG WS	COTL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.85	8.81	6.72	8.24
CO	143.5	171.3	126.0	152.9
C2	418.8	367.6	351.2	376.5
NX	2.00	0.75	1.64	1.26

	IDLE LO CR	HI CR	2500
HC	5797	5178	4202
LH	657	588	419
CO	6.65	6.46	3.05
NX	064	359	1461
HS	670	550	360 405
CS	6.45	6.60	3.40 6.20

TEST C0038 DATE 8/15/73

DRY 71 WET 55 PRES 24.87

MPG 13.86

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	8.02	8.04	7.55	7.90
CO	139.0	169.4	126.0	151.0
C2	395.9	337.1	323.5	345.6
NX	2.36	0.56	1.68	1.25

	IDLE LO CR	HI CR	2500
HC	8504	6115	4185
LH	898	656	392
CO	3.90	8.55	1.86
NX	048	178	2017
HS	1050	940	500 780
CS	3.00	8.50	2.00 8.50

TEST C0073 DATE 8/18/73

DRY 74 WET 62 PRES 24.76

MPG 14.66

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	10.89	11.01	7.19	9.93
CO	158.6	192.3	144.3	171.9
C2	339.3	247.5	247.0	266.6
NX	1.52	0.30	0.78	0.69

	IDLE LO CR	HI CR	2500
HC	10032	7849	4366
LH	1084	962	516
CO	5.96	4.83	3.75
NX	033	134	893
HS	460	560	400 480
CS	2.80	8.10	3.80 7.40

TEST C1008 DATE 2/19/73

DRY 68 WET 49 PRES 24.26

MPG 15.68

MAKE FORD MODEL MUST YEAR 65 CYL. 6 CID 200 WEIGHT 3000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.80	+0140	+00	-01	1	2	1	0	2	0	065042
AFTER MAINT	01.44	-0100	+00	-01	1	2	1	0	2	0	065042
AFTER 6 MO	03.21	+0000	-03	+01	1	1	1	0	2	0	066049

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	10.60	5.56	5.72	6.66
CO	197.5	092.1	129.3	124.5
C2	331.8	341.2	301.3	328.2
NX	1.14	1.96	1.28	1.60

	IDLE	LO CR	HI CR	2500
HC	5154	4472	5339	
LH	608	494	516	
CO	5.36	3.62	10.78	
NX	084	1251	185	
HS	720	505	500	360
CS	4.95	3.65	20.00	6.40

TEST C0039 DATE 8/15/73

DRY 73 WET 56 PRES 24.88

MPG 16.35

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	14.59	4.91	4.78	6.90
CO	201.3	087.5	112.1	118.2
C2	354.4	354.2	287.8	335.8
NX	1.26	1.98	1.42	1.67

	IDLE	LO CR	HI CR	2500
HC	4306	4278	4143	
LH	542	471	408	
CO	1.59	3.15	3.93	
NX	119	1423	1140	
HS	800	700	580	500
CS	1.80	3.40	4.00	6.00

TEST C0057 DATE 8/16/73

DRY 74 WET 58 PRES 24.76

MPG 16.40

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	8.64	5.84	5.92	6.45
CO	188.3	082.5	107.6	111.6
C2	338.9	331.6	299.0	324.1
NX	1.58	2.61	1.92	2.17

	IDLE	LO CR	HI CR	2500
HC	5330	4830	5345	
LH	458	385	356	
CO	3.20	4.04	9.63	
NX	050	511	081	
HS	800	580	500	580
CS	3.20	4.10	9.20	6.80

TEST C1015 DATE 2/21/74

DRY 70 WET 50 PRES 24.53

MPG 17.14

MAKE FORD MODEL FAIR YEAR 64 CYL. 8 CID 289 WEIGHT 3500 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.57	-0137	+06	+05	2	2	1	0	1	0	052629
AFTER MAINT	08.24	+0000	+00	+00	1	1	1	0	2	0	052629
AFTER 6 MO	00.32	+0060	+00	+03	1	1	1	0	2	0	054695

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	9.16	9.67	7.09	8.85
CO	113.0	152.7	098.8	129.5
C2	459.1	422.5	393.4	422.1
NX	2.66	1.06	2.04	1.67

	IDLE	LO CR	HI CR	2500
HC	5717	4199	3958	
LH	802	435	441	
CO	0.71	3.93	3.28	
NX	049	577	1453	
HS	1620	495	525	340
CS	0.70	3.95	3.30	4.40

TEST C0045 DATE 8/16/73

DRY 72 WET 54 PRES 24.78

MPG 13.63

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	12.06	14.33	9.48	12.51
CO	119.8	176.1	109.2	145.8
C2	393.2	369.7	343.8	367.4
NX	1.39	0.72	1.30	1.02

	IDLE	LO CR	HI CR	2500
HC	17426	3696	3693	
LH	809	383	414	
CO	8.51	3.38	3.23	
NX	019	265	980	
HS	1020	300	350	210
CS	9.20	3.50	3.30	4.00

TEST C0105 DATE 8/22/73

DRY 76 WET 59 PRES 24.80

MPG 14.00

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	13.72	19.66	10.81	15.96
CO	139.2	207.0	124.2	169.8
C2	418.0	380.8	342.7	378.0
NX	1.58	0.84	1.24	1.11

	IDLE	LO CR	HI CR	2500
HC	19598	5321	4244	
LH	2276	1119	705	
CO	10.44	4.23	3.83	
NX	000	343	747	
HS	730	400	340	260
CS	9.60	3.50	3.30	4.60

TEST C1006 DATE 2/18/74

DRY 73 WET 55 PRES 24.61

MPG 12.81

MAKE FORD MODEL GALA YEAR 66 CYL. 8 CID 390 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.00	+0120	+04	+01	1	1	1	0	2	0	054529
AFTER MAINT	03.00	+0120	+04	+01	1	1	1	0	2	0	054529
AFTER 6 MO	08.19	+0030	+00	+02	1	1	1	0	2	0	056204

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	?	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	9.06	8.04	7.22	8.02
CO	190.8	172.6	139.8	167.3
C2	671.6	593.2	596.6	610.5
NX	4.38	2.25	4.45	3.31

	IDLE	LO CR	HI CR	2500
HC	3745	4115	3575	
LH	434	426	299	
CO	3.76	4.75	3.59	
NX	105	1017	1919	
HS	560	520	345	485
CS	3.15	4.40	3.45	6.00

TEST C0049 DATE 8/16/73

DRY 78 WET 57 PRES 24.77

MPG 9.91

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.06	8.04	7.22	8.02
CO	190.8	172.6	139.8	167.3
C2	671.6	593.2	596.6	610.5
NX	4.38	2.25	4.45	3.31

	IDLE	LO CR	HI CR	2500
HC	3745	4115	3575	
LH	434	426	299	
CO	3.76	4.75	3.59	
NX	105	1017	1919	
HS	560	520	345	485
CS	3.15	4.40	3.45	6.00

TEST C0049 DATE 8/16/73

DRY 78 WET 57 PRES 24.77

MPG 9.91

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	13.72	14.52	11.25	13.45
CO	190.7	214.7	166.6	196.3
C2	481.1	440.9	413.9	441.9
NX	3.32	1.99	2.94	2.53

	IDLE	LO CR	HI CR	2500
HC	5374	5017	4549	
LH	361	387	326	
CO	7.62	5.96	4.78	
NX	025	184	409	
HS	700	660	420	800
CS	7.80	6.00	4.80	7.20

TEST C1012 DATE 2/20/74

DRY 76 WET 55 PRES 24.30

MPG 11.23

MAKE FORD MODEL CUST YEAR 68 CYL. 8 CID 302 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	02.80	+0050	+06	+03	2	1	1	0	2	0	019445
AFTER MAINT	01.79	+0000	+00	+00	1	1	1	0	2	0	019445
AFTER 6 MO	02.94	+0050	+01	+00	1	1	1	0	2	0	020993

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.69	4.39	3.97	4.55
CO	065.4	047.5	038.8	048.8
C2	511.8	527.3	457.4	504.7
NX	5.52	4.84	5.22	5.37

	IDLE	LO CR	HI CR	2500
HC	3340	3589	3181	
LH	330	384	284	
CO	3.09	0.55	0.26	
NX	185	3112	3882	
HS	470	485	343	210
CS	3.15	0.60	0.32	1.40

TEST C0048 DATE 8/16/73

DRY 77 WET 58 PRES 24.78

MPG 14.95

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.28	3.56	3.45	3.89
CO	071.4	042.0	040.4	047.7
C2	522.6	577.8	487.6	541.3
NX	3.53	3.05	3.93	3.40

	IDLE	LO CR	HI CR	2500
HC	2854	2965	2473	
LH	296	289	204	
CO	1.91	0.49	0.28	
NX	269	1940	2566	
HS	180	220	130	090
CS	1.80	0.60	0.30	1.20

TEST C0084 DATE 8/20/73

DRY 81 WET 65 PRES 24.90

MPG 14.17

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.83	4.03	3.92	4.38
CO	107.8	056.0	045.1	063.9
C2	569.8	567.5	483.2	544.6
NX	2.99	3.70	4.51	3.78

	IDLE	LO CR	HI CR	2500
HC	2976	3004	2625	
LH	081	334	273	
CO	2.99	0.56	0.45	
NX	029	852	1112	
HS	810	820	680	120
CS	3.20	1.00	0.50	1.70

TEST C1010 DATE 2/20/74

DRY 68 WET 51 PRES 24.29

MPG 13.52

MAKE PLYMOUTH MODEL BELV YEAR 69 CYL. 8 CID 318 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.90	+0250	+00	+03	1	1	1	0	2	0	039269
AFTER MAINT	05.36	+0000	+00	+00	1	1	1	0	2	0	039269
AFTER 6 MO	05.59	-0150	+00	+05	1	2	1	0	2	0	043951

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.03	5.72	4.67	5.49
CO	081.5	074.6	056.9	071.1
C2	438.6	456.8	405.6	438.8
NX	3.41	3.36	3.82	3.50

	IDLE	LO CR	HI CR	2500
HC	4667	4266	3929	
LH	481	461	358	
CO	6.27	0.87	2.48	
NX	078	2470	1635	
HS	640	665	500	400
CS	5.90	0.95	2.45	2.30

TEST C0061 DATE 8/17/73

DRY 74 WET 54 PRES 24.74

MPG 15.68

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.48	4.78	4.26	4.78
CO	083.3	063.9	048.7	063.8
C2	387.0	402.0	360.6	387.4
NX	3.24	3.41	3.88	3.50

	IDLE	LO CR	HI CR	2500
HC	4675	3850	3381	
LH	507	439	324	
CO	5.69	0.86	2.28	
NX	064	2571	1687	
HS	470	360	240	275
CS	5.70	0.90	2.40	2.40

TEST C0106 DATE 8/22/73

DRY 75 WET 59 PRES 24.80

MPG 17.72

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	7.27	5.06	4.31	5.31
CO	119.5	070.6	053.9	076.2
C2	483.7	466.4	431.5	460.3
NX	3.98	4.56	5.23	4.62

	IDLE	LO CR	HI CR	2500
HC	3932	3617	3514	
LH	256	266	238	
CO	5.47	0.60	2.42	
NX	041	1178	692	
HS	360	340	280	200
CS	5.00	8.00	2.40	2.00

TEST C1011 DATE 2/20/74

DRY 69 WET 58 PRES 24.29

MPG 14.92

MAKE FORD MODEL MAVE YEAR 71 CYL. 6 CID 170 WEIGHT 2750 TRANS 3 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.10	+0060	+00	+04	1	2	1	0	2	0	020583
AFTER MAINT	03.17	+0000	+00	+00	1	1	1	0	2	0	020583
AFTER 6 MO	06.72	+0050	+01	+02	1	1	1	0	2	0	023749

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	7.71	5.25	4.94	5.68
CO	065.5	063.9	057.2	062.4
C2	270.9	281.6	252.2	271.2
NX	2.68	2.18	2.70	2.43

	IDLE	LO CR	HI CR	2500
HC	4497	3879	3912	
LH	445	463	480	
CO	5.99	1.54	2.09	
NX	056	1830	1777	
HS	730	800	800	640
CS	6.90	2.10	2.30	2.80

TEST C0064 DATE 8/17/73

DRY 77 WET 62 PRES 24.75

MPG 23.00

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.62	4.48	4.13	4.62
CO	063.9	063.0	056.7	061.4
C2	293.3	297.8	266.2	288.1
NX	2.56	2.10	2.50	2.33

	IDLE	LO CR	HI CR	2500
HC	3554	3527	4626	
LH	311	383	573	
CO	3.43	0.96	6.18	
NX	069	2539	909	
HS	400	510	810	600
CS	3.20	0.90	6.00	0.40

TEST C0093 DATE 8/21/73

DRY 76 WET 59 PRES 24.85

MPG 22.31

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.32	4.83	4.19	4.75
CO	081.2	089.8	073.2	083.4
C2	262.2	287.2	249.1	271.4
NX	2.16	2.01	2.19	2.09

	IDLE	LO CR	HI CR	2500
HC	5119	4579	4094	
LH	531	594	474	
CO	6.87	3.18	1.93	
NX	054	1116	2121	
HS	360	420	380	320
CS	6.00	3.00	1.80	2.80

TEST C1009 DATE 2/19/74

DRY 70 WET 51 PRES 24.26

MPG 21.34

MAKE CHEVROLET MODEL CAPR YEAR 67 CYL. 8 CID 327 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.47	+0025	+02	+04	2	1	1	0	2	0	046046
AFTER MAINT	04.47	+0025	+02	+04	2	1	1	0	2	0	046046
AFTER 6 MO	03.21	-0050	+00	+02	1	1	1	0	2	0	049763

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.59	7.60	6.97	7.63
CO	149.1	157.1	132.5	148.6
C2	424.1	408.3	422.5	415.6
NX	2.44	1.23	2.69	1.89

	IDLE	LO CR	HI CR	2500
HC	5826	4358	4044	
LH	744	508	423	
CO	5.03	3.75	3.09	
NX	056	1138	1636	
HS	1100	700	580	640
CS	4.60	3.60	3.00	6.60

TEST C0072 DATE 8/17/73

DRY 71 WET 59 PRES 24.77

MPG 13.23

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	8.59	7.60	6.97	7.63
CO	149.1	157.1	132.5	148.6
C2	424.1	408.3	422.5	415.6
NX	2.44	1.23	2.69	1.89

	IDLE	LO CR	HI CR	2500
HC	5826	4358	4044	
LH	744	508	423	
CO	5.03	3.75	3.09	
NX	056	1138	1636	
HS	1100	700	580	640
CS	4.60	3.60	3.00	6.60

TEST C0072 DATE 8/17/73

DRY 71 WET 59 PRES 24.77

MPG 13.23

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	9.77	8.42	7.09	8.33
CO	159.8	161.5	124.5	150.9
C2	456.1	423.3	413.1	427.3
NX	3.09	1.55	3.11	2.30

	IDLE	LO CR	HI CR	2500
HC	4987	5020	4243	
LH	410	419	337	
CO	3.45	4.69	2.74	
NX	037	390	835	
HS	660	580	420	500
CS	3.20	4.40	2.80	6.00

TEST C1014 DATE 2/21/74

DRY 72 WET 52 PRES 24.53

MPG 12.90

MAKE DODGE MODEL DART YEAR 72 CYL. 6 CID 225 WEIGHT 3000 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.60	+0550	+09	-12	1	1	1	0	2	0	005414
AFTER MAINT	02.28	+0000	+00	+00	1	1	1	0	2	0	005414
AFTER 6 MO	04.79	-0025	+00	+05	1	1	1	0	2	0	008582

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.22	3.49	3.34	3.81
CO	145.2	075.9	089.8	094.2
C2	356.0	370.4	329.0	355.9
NX	2.59	3.13	3.33	3.07

	IDLE LO CR	HI CR	2500
HC	3454	3341	4196
LH	331	703	415
CO	4.24	4.22	10.09
NX	095	2321	281
HS	540	460	600 320
CS	4.10	3.20	10.00 2.40

TEST C0066 DATE 8/17/73

DRY 72 WET 54 PRES 24.76

MPG 17.26

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.42	3.20	3.05	3.62
CO	141.3	066.9	081.6	086.5
C2	343.7	363.4	308.5	344.1
NX	3.03	3.20	3.10	3.14

	IDLE LO CR	HI CR	2500
HC	4122	3084	3921
LH	553	399	470
CO	2.57	3.42	9.85
NX	090	1616	283
HS	600	340	420 240
CS	2.40	3.50	9.50 3.00

TEST C0118 DATE 8/23/73

DRY 75 WET 59 PRES 24.81

MPG 18.12

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.91	3.44	3.80	4.06
CO	152.8	075.2	096.8	097.5
C2	364.5	362.8	322.6	352.0
NX	3.85	4.47	3.95	4.20

	IDLE LO CR	HI CR	2500
HC	3930	3457	4454
LH	224	262	332
CO	4.94	3.66	9.71
NX	032	890	171
HS	130	360	350 280
CS	5.20	3.80	9.00 3.20

TEST C1018 DATE 2/22/74

DRY 72 WET 49 PRES 24.61

MPG 17.20

MAKE MERCURY MODEL STAW YEAR 67 CYL. 8 CID 390 WEIGHT 4500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.70	-0035	-24	+03	1	1	1	0	1	0	064033
AFTER MAINT	00.70	-0035	-24	+03	1	1	1	0	1	0	064033
AFTER 6 MO	00.63	+0000	-0?	+02	1	2	1	0	2	0	067647

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	?	?	1	2	2	?	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	9.11	9.33	8.42	9.03
CO	092.4	046.5	046.3	056.1
C2	708.3	735.3	584.4	687.8
NX	9.14	8.82	9.50	9.08

	IDLE	LO CR	HI CR	2500
HC	8481	4201	3742	
LH	1591	492	360	
CO	0.87	1.41	1.70	
NX	150	2998	3161	
HS	1450	375	270	185
CS	0.75	1.40	1.80	1.30

TEST C0080 DATE 8/20/73

DRY 75 WET 59 PRES 24.99

MPG 11.07

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.11	9.33	8.42	9.03
CO	092.4	046.5	046.3	056.1
C2	708.3	735.3	584.4	687.8
NX	9.14	8.82	9.50	9.08

	IDLE	LO CR	HI CR	2500
HC	8481	4201	3742	
LH	1591	492	360	
CO	0.87	1.41	1.70	
NX	150	2998	3161	
HS	1450	375	270	185
CS	0.75	1.40	1.80	1.30

TEST C0080 DATE 8/20/73

DRY 75 WET 59 PRES 24.99

MPG 11.07

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	9.55	5.27	5.62	6.26
CO	149.0	044.3	057.0	069.7
C2	577.5	589.5	503.4	563.1
NX	5.73	6.67	7.27	6.54

	IDLE	LO CR	HI CR	2500
HC	4410	4066	3640	
LH	284	276	226	
CO	0.60	1.21	2.07	
NX	036	1211	1009	
HS	480	440	360	240
CS	0.80	1.20	2.00	2.00

TEST C1017 DATE 2/22/74

DRY 71 WET 48 PRES 24.61

MPG 12.86

MAKE DODGE MODEL POLA YEAR 64 CYL. 8 CID 318 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.30	+0010	+05	+01	1	2	1	0	2	0	042474
AFTER MAINT	00.19	+0000	+00	+02	1	2	1	0	2	0	042474
AFTER 6 MO	00.70	+0000	-01	+00	1	2	1	0	2	0	042811

	IG WS	COIL	SPRKS	AIR/F	A/C	E/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.60	7.46	6.13	7.33
CO	109.6	101.8	070.2	094.7
C2	510.4	470.5	462.7	476.7
NX	3.06	2.81	4.49	3.33

	IDLE LO CR	HI CR	2500
HC	6000	3687	3655
LH	649	387	328
CO	7.99	0.69	2.33
NX	051	2234	1711
HS	580	300	250	160
CS	7.75	0.75	2.35	1.55

TEST C0088 DATE 8/21/73

DRY 75 WET 59 PRES 24.85

MPG 13.73

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.40	5.50	4.84	5.72
CO	104.1	045.5	045.8	057.8
C2	530.8	511.4	462.9	502.0
NX	3.39	3.51	4.73	3.82

	IDLE LO CR	HI CR	2500
HC	3797	3765	3592
LH	531	491	405
CO	0.22	0.66	1.94
NX	168	2362	2012
HS	460	340	260	600
CS	0.25	0.25	2.00	5.20

TEST C0107 DATE 8/22/73

DRY 74 WET 60 PRES 24.80

MPG 14.58

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	8.81	5.89	5.20	6.31
CO	123.0	048.0	045.4	063.0
C2	540.0	513.8	462.8	505.2
NX	3.81	4.21	5.27	4.42

	IDLE LO CR	HI CR	2500
HC	3959	3905	3951
LH	241	232	220
CO	0.75	0.43	2.27
NX	059	1091	867
HS	480	400	320	240
CS	0.60	0.50	2.20	1.50

TEST C1016 DATE 2/22/74

DRY 68 WET 48 PRES 24.61

MPG 14.27

MAKE CHEVROLET MODEL STAW YEAR 65 CYL. 8 CID 327 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	10.90	+0190	-20	-01	1	2	1	0	2	0	079730
AFTER MAINT	09.97	+0000	+00	+00	1	1	1	0	2	0	079730
AFTER 6 MO	02.65	+0100	+00	+00	1	1	1	0	2	0	082432

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	1	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	26.49	31.53	17.80	26.67
CO	239.7	378.0	208.9	302.1
C2	423.0	348.5	363.7	368.3
NX	1.32	0.32	1.33	0.81

	IDLE	LO CR	HI CR	2500
HC	9376	4438	3806	
LH	750	529	408	
CO	11.65	5.57	3.76	
NX	025	554	1246	
HS	720	500	355	595
CS	20.00	5.40	3.70	7.80

TEST C0101 DATE 8/22/73

DRY 71 WET 58 PRES 24.80

MPG 9.61

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	12.68	12.43	8.20	11.31
CO	238.6	210.9	150.5	199.9
C2	432.7	401.5	356.4	395.5
NX	1.12	0.77	1.50	1.05

	IDLE	LO CR	HI CR	2500
HC	22864	4378	3915	
LH	795	514	442	
CO	9.84	5.71	5.66	
NX	016	593	713	
HS	675	275	220	380
CS	20.00	5.40	5.60	8.90

TEST C0226 DATE 9/05/73

DRY 71 WET 54 PRES 24.95

MPG 11.95

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	21.57	22.10	9.67	18.54
CO	205.1	301.6	168.6	244.5
C2	423.3	382.9	355.7	383.8
NX	1.39	0.44	1.19	0.85

	IDLE	LO CR	HI CR	2500
HC	8805	7230	6491	
LH	2704	2405	1718	
CO	10.20	5.79	6.80	
NX	194	1373	1066	
HS	600	610	480	680
CS	8.00	5.80	6.20	7.20

TEST C1036 DATE 3/04/74

DRY 68 WET 46 PRES 24.42

MPG 10.78

MAKE CADILLAC MODEL DEVI YEAR 70 CYL. 8 CID 472 WEIGHT 5000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.69	+0010	-02	+02	1	2	1	0	2	0	045946
AFTER MAINT	00.69	+0010	-02	+02	1	2	1	0	2	0	045946
AFTER 6 MO	03.21	+0050	+00	+00	1	1	1	0	1	0	049360

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.16	4.69	5.16	5.55
CO	262.8	132.3	180.7	173.1
C2	617.9	712.5	551.0	647.9
NX	1.92	2.18	2.53	2.22

	IDLE	LO CR	HI CR	2500
HC	2031	3225	3385	
LH	425	533	498	
CO	0.78	2.07	4.56	
NX	153	1513	868	
HS	130	280	250	090
CS	0.75	2.00	4.20	2.30

TEST C0132 DATE 8/24/73

DRY 78 WET 60 PRES 24.70

MPG 9.50

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	8.16	4.69	5.16	5.55
CO	262.8	132.3	180.7	173.1
C2	617.9	712.5	551.0	647.9
NX	1.92	2.18	2.53	2.22

	IDLE	LO CR	HI CR	2500
HC	2031	3225	3385	
LH	425	533	498	
CO	0.78	2.07	4.56	
NX	153	1513	868	
HS	130	280	250	090
CS	0.75	2.00	4.20	2.30

TEST C0132 DATE 8/24/73

DRY 78 WET 60 PRES 24.70

MPG 9.50

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.61	5.21	5.31	5.53
CO	186.7	132.2	125.1	141.6
C2	721.3	770.7	686.8	737.1
NX	2.20	2.11	2.93	2.35

	IDLE	LO CR	HI CR	2500
HC	3079	2576	2224	
LH	231	175	152	
CO	3.11	1.74	0.75	
NX	134	1022	2115	
HS	220	140	100	100
CS	3.20	2.00	0.80	1.80

TEST C1020 DATE 2/25/74

DRY 59 WET 50 PRES 24.32

MPG 9.12

MAKE PLYMOUTH MODEL FURY YEAR 67 CYL. 8 CID 318 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.00	+0240	+12	+07	1	1	1	0	1	0	042005
AFTER MAINT	02.40	-0200	+12	-02	1	2	1	0	2	0	042005
AFTER 6 MO	03.56	-0100	+08	+00	1	1	1	0	2	0	043804

	TG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	?	1	1	2	2	2	?	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	13.17	10.77	6.59	10.11
CO	227.3	189.3	084.1	168.1
C2	354.8	365.2	367.2	363.6
NX	1.01	1.02	3.39	1.68

	IDLE	LO CR	HI CR	2500
HC	6013	5220	4302	
LH	795	659	443	
CO	5.76	4.87	3.19	
NX	070	857	1396	
HS	760	595	360	1900
CS	5.00	4.75	3.25	2.90

TEST C0103 DATE 8/22/73

DRY 75 WET 59 PRES 24.80

MPG 13.50

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	16.91	10.00	6.89	10.58
CO	237.2	169.9	082.6	159.8
C2	363.8	352.6	357.1	356.2
NX	1.11	0.79	3.35	1.57

	IDLE	LO CR	HI CR	2500
HC	6157	5378	4442	
LH	1124	895	607	
CO	2.86	4.29	2.93	
NX	061	998	1612	
HS	800	760	420	520
CS	2.40	4.00	2.80	2.60

TEST C0122 DATE 8/23/73

DRY 74 WET 60 PRES 24.76

MPG 13.90

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	10.20	7.44	6.47	7.75
CO	149.5	113.2	122.1	123.3
C2	469.6	423.5	386.9	423.0
NX	2.20	1.99	1.88	2.00

	IDLE	LO CR	HI CR	2500
HC	4610	4783	4746	
LH	549	565	445	
CO	3.67	4.38	8.12	
NX	063	749	191	
HS	500	520	360	650
CS	4.60	4.40	7.20	3.80

TEST C1024 DATE 2/26/74

DRY 69 WET 51 PRES 24.65

MPG 13.89

MAKE RAMBLER MODEL REBE YEAR 70 CYL. 6 CID 232 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.65	-0010	+01	+01	1	1	1	0	2	0	064875
AFTER MAINT	04.65	-0010	+01	+01	1	1	1	0	2	0	064875
AFTER 6 MO	04.95	+0050	+00	+00	1	1	1	0	2	0	073849

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	1	2	1	2	2	1	1	1	1	1	1	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.10	4.55	3.71	4.43
CO	067.6	076.8	052.2	068.1
C2	440.1	395.9	379.3	400.5
NX	6.96	3.93	6.34	5.24

	IDLE	LO CR	HI CR	2500
HC	5930	4048	3593	
LH	617	337	253	
CO	5.02	1.46	1.40	
NX	127	2646	3074	
HS	1120	480	320	305
CS	4.80	1.60	1.52	2.70

TEST C0111 DATE 8/23/73

DRY 74 WET 58 PRES 24.82

MPG 17.08

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.10	4.55	3.71	4.43
CO	067.6	076.8	052.2	068.1
C2	440.1	395.9	379.3	400.5
NX	6.96	3.93	6.34	5.24

	IDLE	LO CR	HI CR	2500
HC	5930	4048	3593	
LH	617	337	253	
CO	5.02	1.46	1.40	
NX	127	2646	3074	
HS	1120	480	320	305
CS	4.80	1.60	1.52	2.70

TEST C0111 DATE 8/23/73

DRY 74 WET 58 PRES 24.82

MPG 17.08

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.88	4.99	3.87	5.02
CO	098.4	074.9	045.6	071.7
C2	421.3	377.9	364.9	383.4
NX	5.79	5.55	7.87	6.24

	IDLE	LO CR	HI CR	2500
HC	4577	3757	3455	
LH	540	378	292	
CO	5.13	0.52	1.34	
NX	099	3248	2867	
HS	500	300	280	400
CS	4.90	0.70	8.00	3.60

TEST C1021 DATE 2/25/74

DRY 76 WET 57 PRES 24.92

MPG 17.40

MAKE CHRYSLER MODEL NEWP YEAR 70 CYL. 8 CID 383 WEIGHT 4500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	08.90	+0160	+07	+02	1	2	1	0	2	0	036717
AFTER MAINT	02.35	+0050	+00	+03	1	1	1	0	2	0	036717
AFTER 6 MO	02.45	-0050	+02	+00	1	1	1	0	2	0	041278

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	11.81	12.55	8.97	11.40
CO	142.1	169.7	131.0	153.2
C2	584.3	561.8	531.3	558.0
NX	4.40	3.87	4.60	4.18

	IDLE	LO CR	HI CR	2500
HC	11735	3636	3523	
LH	750	478	393	
CO	9.32	0.75	1.51	
NX	039	2174	1422	
HS	860	365	260	170
CS	9.60	0.85	1.65	1.80

TEST C0113 DATE 8/23/73

DRY 74 WET 59 PRES 24.82

MPG 10.67

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.03	5.67	4.97	6.18
CO	147.1	106.4	090.5	110.5
C2	615.2	615.2	557.0	599.1
NX	4.56	3.79	5.21	4.34

	IDLE	LO CR	HI CR	2500
HC	2849	2954	2788	
LH	450	459	381	
CO	2.48	0.89	1.25	
NX	076	2434	2463	
HS	170	220	160	075
CS	2.40	0.90	1.20	1.00

TEST C0131 DATE 8/24/73

DRY 76 WET 62 PRES 24.70

MPG 11.24

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	7.74	5.97	5.20	6.13
CO	112.0	075.4	078.5	083.9
C2	654.7	635.6	557.2	617.9
NX	6.57	5.06	6.22	5.70

	IDLE	LO CR	HI CR	2500
HC	3575	3415	3233	
LH	376	335	268	
CO	2.47	0.45	1.33	
NX	111	2581	2579	
HS	350	270	200	100
CS	2.90	0.60	1.20	1.40

TEST C1022 DATE 2/26/74

DRY 70 WET 50 PRES 24.65

MPG 11.58

MAKE PLYMOUTH MODEL DUST YEAR 70 CYL. 8 CID 318 WEIGHT 3000 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	08.90	+0110	+02	-02	1	2	1	0	2	0	037361
AFTER MAINT	03.80	-0125	+01	-02	1	2	1	0	2	0	037361
AFTER 6 MO	02.06	+0000	+00	+00	1	1	1	0	2	0	040523

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.67	7.31	5.56	6.69
CO	061.6	081.5	057.4	070.7
C2	409.9	419.2	367.4	402.9
NX	3.22	2.17	3.07	2.64

	IDLE	LO CR	HI CR	2500
HC	11181	3506	3593	
LH	748	402	413	
CO	9.66	1.21	1.94	
NX	030	1470	1647	
HS	765	315	345	190
CS	9.40	1.30	2.00	1.70

TEST C0116 DATE 8/23/73

DRY 77 WET 59 PRES 24.81

MPG 16.65

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.08	4.77	4.82	5.27
CO	067.0	065.0	058.7	063.7
C2	435.8	462.0	392.1	437.1
NX	3.31	2.27	3.27	2.76

	IDLE	LO CR	HI CR	2500
HC	4247	3137	3363	
LH	585	464	500	
CO	4.28	1.36	2.29	
NX	053	1367	1487	
HS	300	230	270	130
CS	3.80	1.20	2.40	0.90

TEST C0133 DATE 8/24/73

DRY 78 WET 60 PRES 24.70

MPG 16.08

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	4.88	5.30	3.72	4.77
CO	048.3	071.0	051.5	060.9
C2	473.1	556.5	423.0	502.0
NX	3.87	3.39	3.42	3.50

	IDLE	LO CR	HI CR	2500
HC	2511	3197	3354	
LH	134	222	254	
CO	2.08	1.67	1.90	
NX	094	1045	1708	
HS	130	180	230	140
CS	2.00	1.40	1.80	2.40

TEST C1034 DATE 3/04/74

DRY 70 WET 49 PRES 24.42

MPG 14.54

MAKE OLDSMOBILE MODEL CUTL YEAR 68 CYL. 8 CID 350 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	09.05	+0050	+05	+04	1	2	1	0	2	0	054881
AFTER MAINT	03.68	-0075	+05	+04	1	1	2	0	2	0	054881
AFTER 6 MO	02.55	-0100	+00	+06	1	2	1	0	2	0	057524

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	?	2	?	?	2	2	?	2	2	?	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.20	8.00	6.41	7.60
CO	117.5	146.5	085.5	123.5
C2	475.3	438.9	424.1	442.4
NX	3.20	1.68	3.65	2.55

	IDLE	LO CR	HI CR	2500
HC	8299	4449	3220	
LH	858	607	385	
CO	9.90	7.16	1.13	
NX	047	259	2083	
HS	1600	650	300	230
CS	9.80	6.80	1.50	1.80

TEST C0115 DATE 8/23/73

DRY 75 WET 59 PRES 24.82

MPG 13.49

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.80	6.57	5.30	6.47
CO	096.0	092.3	043.0	079.4
C2	539.2	484.4	455.6	487.9
NX	3.65	1.94	3.60	2.76

	IDLE	LO CR	HI CR	2500
HC	7391	4110	3307	
LH	1534	697	529	
CO	3.50	1.99	0.84	
NX	077	1038	1937	
HS	1400	410	210	340
CS	4.00	1.80	0.90	1.40

TEST C0146 DATE 8/27/73

DRY 78 WET 59 PRES 24.65

MPG 14.07

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.67	5.74	4.11	5.48
CO	115.6	085.8	046.8	081.2
C2	552.6	512.3	481.8	512.2
NX	3.34	1.96	3.26	2.61

	IDLE	LO CR	HI CR	2500
HC	5574	3184	2642	
LH	841	310	245	
CO	2.72	0.95	0.79	
NX	093	930	1510	
HS	700	240	160	170
CS	2.60	1.00	0.70	3.00

TEST C1026 DATE 2/27/74

DRY 69 WET 49 PRES 24.48

MPG 13.55

MAKE FORD MODEL LTD YEAR 67 CYL. 8 CID 390 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	08.50	+0000	-04	+00	1	2	1	0	2	0	048253
AFTER MAINT	04.31	+0000	-05	-01	1	2	1	0	2	0	048253
AFTER 6 MO	06.88	-0075	+00	+01	1	2	1	0	2	0	051532

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	?	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.85	10.16	6.88	8.98
CO	080.0	120.1	072.9	098.6
C2	443.3	448.2	399.6	433.7
NX	4.44	3.29	4.17	3.77

	IDLE	LO CR	HI CR	2500
HC	11778	4104	3885	
LH	1313	630	548	
CO	9.42	1.08	2.01	
NX	031	2187	2257	
HS	1380	540	425	340
CS	9.00	1.10	2.10	1.80

TEST C0119 DATE 8/23/73

DRY 79 WET 61 PRES 24.79

MPG 14.44

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	8.60	7.35	6.14	7.28
CO	080.2	082.1	065.8	077.2
C2	536.2	479.7	453.3	484.2
NX	5.22	3.33	4.66	4.09

	IDLE	LO CR	HI CR	2500
HC	6802	3907	3713	
LH	1106	688	598	
CO	4.80	1.29	2.15	
NX	109	2139	2139	
HS	1160	600	430	410
CS	4.40	1.40	2.20	1.70

TEST C0145 DATE 8/27/73

DRY 79 WET 58 PRES 24.67

MPG 14.17

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	8.41	8.88	7.56	8.41
CO	078.8	095.9	067.4	084.4
C2	522.1	467.1	433.8	469.4
NX	5.52	4.27	5.17	4.78

	IDLE	LO CR	HI CR	2500
HC	9045	4176	3946	
LH	1061	508	419	
CO	7.03	1.13	2.19	
NX	047	2012	2113	
HS	900	420	300	280
CS	7.00	1.20	2.00	2.40

TEST C1027 DATE 2/27/74

DRY 78 WET 53 PRES 24.48

MPG 14.17

MAKE PONTIAC MODEL CATA YEAR 72 CYL. 8 CID 400 WEIGHT 4500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.10	-0005	+02	-02	1	1	1	0	2	0	016700
AFTER MAINT	00.94	+0000	+00	+00	1	1	1	0	2	0	016700
AFTER 6 MO	00.78	-0125	+00	+00	1	1	1	0	2	0	025037

	TG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.76	4.07	4.06	4.42
CO	077.7	069.4	043.6	064.0
C2	619.7	652.6	544.6	615.8
NX	5.92	2.88	6.27	4.45

	IDLE	LO CR	HI CR	2500
HC	4031	2023	2466	
LH	576	306	340	
CO	5.44	0.32	0.32	
NX	088	1019	4174	
HS	340	090	150	045
CS	4.75	0.35	0.35	0.70

TEST C0125 DATE 8/24/73

DRY 71 WET 60 PRES 24.73

MPG 12.20

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.70	3.03	3.27	3.66
CO	085.8	035.1	028.2	043.8
C2	643.8	689.4	560.6	644.1
NX	5.26	2.64	5.62	4.02

	IDLE	LO CR	HI CR	2500
HC	2869	1291	2302	
LH	428	288	353	
CO	1.04	0.22	0.25	
NX	100	865	3617	
HS	250	080	160	040
CS	3.40	0.70	0.28	0.35

TEST C0173 DATE 8/29/73

DRY 74 WET 58 PRES 24.76

MPG 12.29

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.72	3.88	3.67	4.21
CO	074.4	034.3	028.5	041.1
C2	640.2	664.5	562.6	631.1
NX	6.39	3.71	7.08	5.21

	IDLE	LO CR	HI CR	2500
HC	3853	2508	3279	
LH	406	212	295	
CO	0.77	0.22	0.23	
NX	147	1077	4390	
HS	360	120	180	060
CS	1.20	0.20	0.30	0.80

TEST C1031 DATE 2/28/74

DRY 74 WET 52 PRES 24.68

MPG 12.56

MAKE CHEVRCLET MODEL NOVA YEAR 72 CYL. 6 CID 250 WEIGHT 3000 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.10	-0020	+04	+01	2	1	1	0	1	0	012834
AFTER MAINT	01.08	-0150	+02	+02	2	2	1	0	2	0	012834
AFTER 6 MO	02.45	+0000	+00	+03	1	1	1	0	2	0	016332

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	3.06	2.59	2.48	2.66
CO	055.8	037.7	032.5	040.1
C2	530.8	521.1	432.0	498.4
NX	2.82	2.14	2.99	2.52

	IDLE	LO CR	HI CR	2500
HC	4503	1627	3133	
LH	704	255	335	
CO	6.59	0.21	3.19	
NX	078	1274	1304	
HS	460	070	160	075
CS	6.20	0.25	3.20	1.30

TEST C0126 DATE 8/24/73

DRY 79 WET 61 PRES 24.71

MPG 15.63

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.22	1.95	2.25	2.51
CO	046.8	012.7	019.1	021.6
C2	524.6	507.9	408.3	483.8
NX	2.94	2.16	2.91	2.53

	IDLE	LO CR	HI CR	2500
HC	3752	1925	3338	
LH	646	454	487	
CO	1.25	0.17	2.28	
NX	129	1243	1651	
HS	510	120	280	085
CS	1.10	0.20	2.25	0.40

TEST C0148 DATE 8/27/73

DRY 74 WET 56 PRES 24.66

MPG 16.95

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	2.98	2.31	2.44	2.48
CO	054.4	023.0	026.9	030.7
C2	530.8	527.5	421.0	498.6
NX	3.42	2.89	3.67	3.22

	IDLE	LO CR	HI CR	2500
HC	3138	1101	2704	
LH	350	126	220	
CO	2.27	0.15	2.35	
NX	096	1072	1479	
HS	300	090	150	090
CS	2.80	0.20	2.80	1.00

TEST C1023 DATE 2/26/74

DRY 70 WET 50 PRES 24.65

MPG 16.06

MAKE FORD MODEL TORI YEAR 71 CYL. 8 CID 351 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.80	+0450	+04	+06	1	1	1	0	2	0	022051
AFTER MAINT	00.08	+0000	+00	+00	1	1	1	0	2	0	022051
AFTER 6 MO	00.13	+0350	+02	+05	1	1	1	0	2	0	024895

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	PTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.37	4.51	3.99	4.55
CO	050.4	047.9	034.9	044.8
C2	555.6	523.0	478.8	517.5
NX	4.07	3.00	4.11	3.53

	IDLE	LO CR	HI CR	2500
HC	2992	3314	3356	
LH	490	510	425	
CO	2.06	0.38	0.99	
NX	119	1865	2077	
HS	290	280	250	100
CS	1.90	0.45	1.05	0.60

TEST C0123 DATE 8/24/73

DRY 70 WET 55 PRES 24.73

MPG 14.79

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.44	3.14	3.99	4.06
CO	124.9	022.1	034.0	046.9
C2	511.2	545.6	465.4	516.1
NX	3.52	3.53	4.42	3.78

	IDLE	LO CR	HI CR	2500
HC	2934	2778	2725	
LH	391	324	291	
CO	0.10	0.40	1.17	
NX	206	2190	2745	
HS	190	220	170	900
CS	0.12	0.40	1.10	0.75

TEST C0255 DATE 9/07/73

DRY 77 WET 56 PRES 24.59

MPG 14.78

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	8.71	4.20	3.72	5.01
CO	132.5	025.5	026.0	048.0
C2	498.6	526.5	466.1	503.9
NX	3.20	3.16	4.03	3.41

	IDLE	LO CR	HI CR	2500
HC	2755	3161	3203	
LH	304	322	280	
CO	0.14	0.47	1.04	
NX	324	2461	2851	
HS	255	270	235	105
CS	0.18	0.55	1.00	1.30

TEST C1043 DATE 3/07/74

DRY 69 WET 48 PRES 24.34

MPG 14.96

MAKE FORD MODEL FAIR YEAR 65 CYL. 8 CID 289 WEIGHT 3500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.20	+0100	+09	+02	0	2	1	0	2	0	073336
AFTER MAINT	05.33	+0000	+00	+00	0	1	1	0	2	0	073336
AFTER 6 MO	05.27	+0000	-01	+00	0	1	1	0	2	0	076307

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	PTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	1	1	2	2	2	2	2	2	2	1	2

AS RECEIVED

	CT	CS	HT	1975
HC	7.92	7.09	5.85	6.92
CO	102.7	091.7	072.8	088.7
C2	456.4	451.5	410.2	441.1
NX	5.38	4.66	5.43	5.02

	IDLE	LO CR	HI CR	2500
HC	4465	3937	3475	
LH	642	609	491	
CO	4.50	2.67	2.01	
NX	177	1567	2826	
HS	405	375	275	450
CS	4.25	2.70	1.95	3.10

TEST C0124 DATE 8/24/73

DRY 70 WET 59 PRES 24.73

MPG 14.79

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	10.19	7.24	5.65	7.42
CO	162.8	092.0	070.7	100.9
C2	426.2	421.6	406.6	418.4
NX	2.27	2.42	3.55	2.71

	IDLE	LO CR	HI CR	2500
HC	6557	3622	3125	
LH	575	431	344	
CO	5.69	2.66	1.91	
NX	069	1395	2326	
HS	410	285	208	270
CS	5.40	2.60	1.90	3.40

TEST C0240 DATE 9/06/73

DRY 80 WET 56 PRES 24.73

MPG 14.83

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	13.69	8.82	6.30	9.14
CO	184.6	094.1	062.8	104.3
C2	410.0	398.9	386.0	397.6
NX	1.89	1.92	3.20	2.27

	IDLE	LO CR	HI CR	2500
HC	6421	4488	3774	
LH	687	549	375	
CO	5.39	2.69	1.86	
NX	094	1345	2560	
HS	580	460	300	460
CS	4.80	2.50	1.80	3.20

TEST C1049 DATE 3/08/74

DRY 69 WET 48 PRES 24.45

MPG 15.08

MAKE FORD MODEL PINT YEAR 71 CYL. 4 CID 098 WEIGHT 2250 TRANS 4 FXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	10.70	-0100	+00	+05	1	2	1	0	2	0	012609
AFTER MAINT	04.70	-0080	+08	+06	1	2	1	0	2	0	012609
AFTER 6 MO	07.52	+0100	+00	+00	1	1	1	0	2	0	015287

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	7.20	8.36	5.77	7.40
CO	082.8	079.5	061.8	075.3
C2	233.9	248.5	215.3	236.2
NX	1.58	1.41	1.56	1.49

	IDLE	LO CR	HI CR	2500
HC	40599	4852	4242	
LH	1624	462	420	
CO	9.95	3.68	4.56	
NX	021	552	1336	
HS	2500	335	315	315
CS	20.00	3.80	4.50	6.50

TEST C0134 DATE 8/27/73

DRY 70 WET 54 PRES 24.74

MPG 23.57

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.98	3.97	3.27	3.99
CO	070.0	052.6	046.0	054.4
C2	237.7	267.1	212.8	245.9
NX	1.39	1.35	1.31	1.35

	IDLE	LO CR	HI CR	2500
HC	6632	4092	3924	
LH	1005	555	552	
CO	6.77	2.63	3.70	
NX	055	355	1049	
HS	700	250	310	200
CS	4.80	2.60	3.50	2.30

TEST C0160 DATE 8/28/73

DRY 70 WET 58 PRES 24.78

MPG 25.90

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.74	6.53	4.03	5.67
CO	076.1	080.8	050.7	071.5
C2	267.1	305.0	217.8	272.9
NX	1.40	1.11	1.20	1.20

	IDLE	LO CR	HI CR	2500
HC	10065	4850	4225	
LH	1047	421	377	
CO	9.04	3.26	2.80	
NX	053	354	970	
HS	520	220	200	300
CS	7.80	3.00	2.80	4.00

TEST C1029 DATE 2/28/74

DRY 68 WET 50 PRES 24.68

MPG 22.09

MAKE BUICK MODEL LESA YEAR 67 CYL. 8 CID 340 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.60	+0180	+02	-04	1	1	1	0	2	0	021887
AFTER MAINT	05.60	+0180	+02	-04	1	1	1	0	2	0	021887
AFTER 6 MO	04.63	+0000	+00	-02	1	1	1	0	1	0	022575

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	PTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	11.36	8.24	7.68	8.74
CO	212.4	220.1	184.3	208.6
C2	401.1	401.8	357.0	389.2
NX	0.90	0.43	0.89	0.66

	IDLE	LO CR	HI CR	2500
HC	4485	4705	4775	
LH	529	610	579	
CO	6.35	6.78	9.39	
NX	046	270	206	
HS	440	520	460	400
CS	5.70	6.40	9.00	6.30

TEST C0135 DATE 8/27/73

DRY 70 WET 54 PRES 24.74

MPG 11.96

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	11.36	8.24	7.68	8.74
CO	212.4	220.1	184.3	208.6
C2	401.1	401.8	357.0	389.2
NX	0.90	0.43	0.89	0.66

	IDLE	LO CR	HI CR	2500
HC	4485	4705	4775	
LH	529	610	579	
CO	6.35	6.78	9.39	
NX	046	270	206	
HS	440	520	460	400
CS	5.70	6.40	9.00	6.30

TEST C0135 DATE 8/27/73

DRY 70 WET 54 PRES 24.74

MPG 11.96

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	13.37	8.61	9.41	9.83
CO	215.0	207.2	168.3	198.1
C2	401.0	376.8	327.7	368.2
NX	1.36	0.46	0.93	0.78

	IDLE	LO CR	HI CR	2500
HC	4716	5391	6356	
LH	600	683	870	
CO	4.78	6.51	9.21	
NX	059	283	199	
HS	560	600	840	1400
CS	4.60	7.00	8.60	3.60

TEST C1025 DATE 2/27/74

DRY 69 WET 48 PRES 24.45

MPG 12.54

MAKE FORD MODEL STAW YEAR 72 CYL. 8 CID 351 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.20	-0210	+24	+05	1	1	1	0	2	0	020434
AFTER MAINT	04.20	-0210	+24	+05	1	1	1	0	2	0	020434
AFTER 6 MO	03.83	+0150	+00	+02	1	1	1	0	1	0	023816

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.03	5.00	4.47	4.86
CO	087.2	095.7	072.8	087.6
C2	573.7	660.9	564.3	615.9
NX	5.17	4.36	5.79	4.93

	IDLE	LO CR	HI CR	2500
HC	3069	3391	3151	
LH	399	490	402	
CO	4.73	1.75	1.91	
NX	089	1861	1871	
HS	275	440	330	190
CS	4.45	1.65	1.90	1.60

TEST C0137 DATE 8/27/73

DRY 72 WET 55 PRES 24.73

MPG 11.59

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.03	5.00	4.47	4.86
CO	087.2	095.7	072.8	087.6
C2	573.7	660.9	564.3	615.9
NX	5.17	4.36	5.79	4.93

	IDLE	LO CR	HI CR	2500
HC	3069	3391	3151	
LH	399	490	402	
CO	4.73	1.75	1.91	
NX	089	1861	1871	
HS	275	440	330	190
CS	4.45	1.65	1.90	1.60

TEST C0137 DATE 8/27/73

DRY 72 WET 55 PRES 24.73

MPG 11.59

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.06	17.97	5.39	11.99
CO	089.2	089.7	072.1	084.7
C2	643.4	636.8	538.6	610.9
NX	4.67	3.79	4.05	4.05

	IDLE	LO CR	HI CR	2500
HC	7348	3795	3659	
LH	1215	388	348	
CO	4.05	1.27	1.82	
NX	116	1154	1711	
HS	1000	300	210	160
CS	3.80	1.40	1.80	1.80

TEST C1030 DATE 2/28/74

DRY 74 WET 52 PRES 24.68

MPG 11.39

MAKE FORD MODEL STAW YEAR 71 CYL. 8 CID 400 WEIGHT 4500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	07.60	-0060	+00	+02	1	1	1	0	2	0	035284
AFTER MAINT	03.06	-0080	+00	-02	1	1	1	0	2	0	035284
AFTER 6 MO	03.68	+0100	-01	-01	1	1	1	0	1	0	038100

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.17	5.71	5.07	6.05
CO	120.9	095.3	059.4	090.7
C2	571.4	555.0	518.8	548.3
NX	4.29	3.63	5.47	4.28

	IDLE	LO CR	HI CR	2500
HC	5423	3102	2548	
LH	654	422	318	
CO	8.05	0.63	0.90	
NX	034	1797	1831	
HS	720	365	205	1100
CS	8.20	0.65	0.90	1.10

TEST C0138 DATE 8/27/73

DRY 72 WET 55 PRES 24.73

MPG 12.55

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.39	4.20	4.49	4.95
CO	101.1	061.5	041.8	064.3
C2	621.5	591.4	531.7	581.1
NX	5.78	4.55	6.51	5.35

	IDLE	LO CR	HI CR	2500
HC	3416	2781	2120	
LH	660	611	501	
CO	3.19	0.32	0.57	
NX	052	2211	1855	
HS	360	240	110	250
CS	3.20	0.40	0.58	0.75

TEST C0176 DATE 8/29/73

DRY 72 WET 58 PRES 24.76

MPG 12.76

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	17.06	10.89	20.46	14.84
CO	129.9	098.4	061.9	094.9
C2	576.7	500.6	484.4	512.0
NX	6.09	4.33	7.73	5.64

	IDLE	LO CR	HI CR	2500
HC	9971	7892	9733	
LH	1808	1437	1880	
CO	3.77	0.93	1.14	
NX	052	1900	2660	
HS	1900	1250	1850	2000
CS	3.60	0.90	1.10	1.60

TEST C1028 DATE 2/28/74

DRY 69 WET 48 PRES 24.68

MPG 12.58

MAKE CHEVROLET MODEL MALT YEAR 67 CYL. 8 CID 283 WEIGHT 3500 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.60	-0060	-18	+00	1	2	1	0	2	0	075280
AFTER MAINT	04.97	+0025	-06	+02	1	2	1	0	2	0	075280
AFTER 6 MO	05.04	+0025	-01	+02	1	2	1	0	2	0	081323

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	12.76	12.01	9.20	11.11
CO	128.6	108.3	090.5	107.6
C2	362.1	367.0	335.0	357.1
NX	2.55	1.52	2.37	1.97

	IDLE	LO CR	HI CR	2500
HC	16863	5664	4706	
LH	1506	799	667	
CO	6.56	4.38	3.14	
NX	028	985	1216	
HS	1750	770	615	720
CS	5.60	4.30	3.20	4.00

TEST C0139 DATE 8/27/73

DRY 75 WET 56 PRES 24.73

MPG 15.87

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	16.03	9.95	8.96	10.95
CO	132.2	110.0	093.9	110.2
C2	371.8	349.4	315.3	344.6
NX	2.33	1.09	1.89	1.57

	IDLE	LO CR	HI CR	2500
HC	12729	5533	4623	
LH	1264	867	742	
CO	5.93	4.36	3.01	
NX	022	664	989	
HS	800	480	370	370
CS	5.00	4.20	2.80	3.00

TEST C0161 DATE 8/28/73

DRY 70 WET 58 PRES 24.78

MPG 16.13

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	12.19	10.35	6.64	9.70
CO	125.0	092.3	063.3	091.1
C2	354.7	385.5	323.5	361.9
NX	1.43	1.24	1.70	1.41

	IDLE	LO CR	HI CR	2500
HC	7671	4538	4129	
LH	849	585	472	
CO	4.13	1.99	2.34	
NX	035	803	1303	
HS	720	480	340	400
CS	3.90	2.10	2.30	3.10

TEST C1033 DATE 3/01/74

DRY 70 WET 52 PRES 24.50

MPG 16.63

MAKE DODGE MODEL DART YEAR 70 CYL. 8 CID 318 WEIGHT 3000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.30	+0040	-05	+02	1	1	1	0	2	0	016300
AFTER MAINT	00.78	-0150	+02	+06	1	1	1	0	2	0	016300
AFTER 6 MO	01.00	-0200	+00	+00	1	1	1	0	2	0	017967

	IG HS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.16	4.24	4.26	4.44
CO	092.4	087.8	067.7	083.2
C2	498.1	513.3	440.4	489.9
NX	2.04	1.40	2.29	1.78

	IDLE	LO CR	HI CR	2500
HC	4391	3585	3769	
LH	560	517	501	
CO	7.16	1.43	2.46	
NX	046	608	945	
HS	530	390	395	260
CS	6.60	1.60	2.50	1.40

TEST C0151 DATE 8/28/73

DRY 71 WET 54 PRES 24.71

MPG 14.04

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.91	4.16	4.52	4.62
CO	074.1	046.5	046.4	052.2
C2	507.3	525.1	428.0	494.4
NX	2.92	2.12	3.11	2.56

	IDLE	LO CR	HI CR	2500
HC	3216	3623	3642	
LH	645	609	556	
CO	1.11	0.79	2.41	
NX	063	1198	1248	
HS	400	320	285	180
CS	0.90	1.00	2.40	1.00

TEST C0175 DATE 8/29/73

DRY 75 WET 59 PRES 24.76

MPG 15.07

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	4.98	3.54	3.68	3.88
CO	077.3	036.0	040.4	045.9
C2	514.1	524.9	440.0	499.1
NX	1.92	1.53	2.40	1.85

	IDLE	LO CR	HI CR	2500
HC	2473	3260	3480	
LH	287	323	327	
CO	1.06	0.90	2.53	
NX	073	1283	1295	
HS	200	230	225	120
CS	3.60	3.20	2.50	1.30

TEST C1032 DATE 3/01/74

DRY 68 WET 47 PRES 24.46

MPG 15.27

MAKE PONTIAC MODEL GTO YEAR 70 CYL. 8 CID 400 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	02.30	+0240	+03	-01	1	1	1	0	1	0	042846
AFTER MAINT	02.06	+0075	+02	-01	1	1	1	0	1	0	042846
AFTER 6 MO	02.75	+0000	+00	+01	1	1	1	0	1	0	048285

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.34	4.27	4.33	4.72
CO	129.8	051.2	062.8	070.9
C2	685.6	647.1	607.5	644.2
NX	2.06	2.11	2.45	2.19

	IDLE	LO CR	HI CR	2500
HC	3802	3037	4270	
LH	607	474	645	
CO	2.65	0.59	2.62	
NX	067	855	694	
HS	500	280	790	160
CS	2.40	0.60	0.70	1.70

TEST C0149 DATE 8/27/73

DRY 73 WET 55 PRES 24.71

MPG 11.56

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.38	4.23	4.31	4.70
CO	121.5	057.2	069.3	074.0
C2	673.1	638.6	573.5	627.8
NX	2.41	2.15	2.36	2.26

	IDLE	LO CR	HI CR	2500
HC	3527	2476	4014	
LH	569	401	620	
CO	2.27	0.51	1.86	
NX	071	733	973	
HS	320	150	550	100
CS	2.40	0.55	2.10	1.75

TEST C0174 DATE 8/29/73

DRY 73 WET 58 PRES 24.77

MPG 11.74

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	11.59	5.18	4.99	6.47
CO	211.1	085.2	075.4	108.8
C2	643.6	594.3	559.7	595.8
NX	1.37	1.46	1.92	1.57

	IDLE	LO CR	HI CR	2500
HC	5723	3181	4805	
LH	794	264	545	
CO	3.14	0.66	2.82	
NX	077	1026	876	
HS	720	240	300	140
CS	4.00	0.70	3.80	1.60

TEST C1035 DATE 3/04/74

DRY 72 WET 50 PRES 24.42

MPG 11.33

MAKE BUICK MODEL RIVI YEAR 68 CYL. 8 CID 430 WEIGHT 4500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.50	+0090	+05	-10	1	1	1	0	1	0	060029
AFTER MAINT	03.30	-0075	+06	-08	1	1	1	0	2	0	060029
AFTER 6 MO	02.36	-0050	+00	-04	1	1	1	0	2	0	064328

	TG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	1	2	2	2	1	2	2	2	2	2	2	2	1	1

AS RECEIVED

	CT	CS	HT	1975
HC	10.00	7.68	7.81	8.20
CO	145.5	155.4	099.7	137.8
C2	525.9	493.9	471.7	494.5
NX	5.19	3.28	6.16	4.48

	IDLE	LO CR	HI CR	2500
HC	6062	4178	4903	
LH	893	665	806	
CO	8.63	3.69	2.22	
NX	218	994	1936	
HS	345	280	315	280
CS	7.10	3.40	2.00	3.60

TEST C0165 DATE 8/29/73

DRY 69 WET 58 PRES 24.76

MPG 12.09

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.13	5.62	5.50	5.90
CO	127.1	105.2	071.6	100.5
C2	500.9	498.5	450.7	485.7
NX	4.21	2.62	5.03	3.62

	IDLE	LO CR	HI CR	2500
HC	4829	4060	3671	
LH	733	690	619	
CO	3.74	3.00	1.82	
NX	074	1403	2474	
HS	420	360	240	280
CS	3.40	2.80	1.80	2.79

TEST C0190 DATE 8/30/73

DRY 72 WET 56 PRES 24.68

MPG 13.45

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	8.69	6.85	5.03	6.73
CO	139.0	171.0	076.2	138.0
C2	511.7	465.2	456.7	472.6
NX	3.31	1.30	4.08	2.49

	IDLE	LO CR	HI CR	2500
HC	4270	3763	3170	
LH	462	424	306	
CO	3.00	3.04	2.36	
NX	084	1267	2279	
HS	280	310	230	280
CS	2.15	2.70	2.10	3.10

TEST C1048 DATE 3/08/74

DRY 71 WET 49 PRES 24.45

MPG 12.53

MAKE OLDSMOBILE MODEL STAW YEAR 67 CYL. 8 CID 330 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	09.20	+0090	-18	-07	1	2	1	0	2	0	064223
AFTER MAINT	09.20	+0090	-18	-07	1	2	1	0	2	0	064223
AFTER 6 MO	07.52	+0075	+00	+00	1	1	1	0	2	0	067056

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	1	2	1	1	1	2	2	1	2	2	2	1	1	1

AS RECEIVED

	CT	CS	HT	1975
HC	11.98	11.69	7.75	10.66
CO	193.4	175.7	133.9	167.8
C2	496.9	496.3	440.2	480.8
NX	3.04	1.88	2.85	2.39

	IDLE	LO CR	HI CR	2500
HC	11326	4607	4251	
LH	926	688	622	
CO	10.53	4.43	4.49	
NX	020	599	976	
HS	565	300	245	270
CS	9.70	4.50	4.35	4.90

TEST C0164 DATE 8/29/73

DRY 72 WET 57 PRES 24.76

MPG 11.45

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	11.98	11.69	7.75	10.66
CO	193.4	175.7	133.9	167.8
C2	496.9	496.3	440.2	480.8
NX	3.04	1.88	2.85	2.39

	IDLE	LO CR	HI CR	2500
HC	11326	4607	4251	
LH	926	688	622	
CO	10.53	4.43	4.49	
NX	020	599	976	
HS	565	300	245	270
CS	9.70	4.50	4.35	4.90

TEST C0164 DATE 8/29/73

DRY 72 WET 57 PRES 24.76

MPG 11.45

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	11.07	8.95	6.76	8.78
CO	130.2	140.7	111.2	130.3
C2	496.7	416.5	378.1	422.6
NX	3.88	2.18	2.70	2.58

	IDLE	LO CR	HI CR	2500
HC	7006	4146	3773	
LH	754	457	353	
CO	7.97	3.89	3.62	
NX	044	785	1316	
HS	620	400	300	2000
CS	7.40	3.80	3.40	4.00

TEST C1038 DATE 3/05/74

DRY 70 WET 50 PRES 24.41

MPG 13.60

MAKE FORD MODEL MAVE YEAR 70 CYL. 6 CID 200 WEIGHT 2750 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.50	-0090	-12	+01	1	1	1	0	2	0	022467
AFTER MAINT	01.50	-0090	-12	+01	1	1	1	0	2	0	022467
AFTER 6 MO	02.26	+0000	+01	+02	1	1	1	0	2	0	024164

	TG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	4.01	3.52	3.00	3.48
CO	059.9	041.3	034.1	043.2
C2	391.8	398.0	352.2	384.0
NX	4.11	3.11	4.32	3.66

	IDLE	LO CR	HI CR	2500
HC	3130	3846	3730	
LH	509	639	562	
CO	1.71	1.00	2.38	
NX	145	1229	1149	
HS	165	280	220	125
CS	1.70	0.90	2.40	1.55

TEST C0166 DATE 8/29/73

DRY 72 WET 59 PRES 24.77

MPG 19.24

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.01	3.52	3.00	3.48
CO	059.9	041.3	034.1	043.2
C2	391.8	398.0	352.2	384.0
NX	4.11	3.11	4.32	3.66

	IDLE	LO CR	HI CR	2500
HC	3130	3846	3730	
LH	509	639	562	
CO	1.71	1.00	2.38	
NX	145	1229	1149	
HS	165	280	220	125
CS	1.70	0.90	2.40	1.55

TEST C0166 DATE 8/29/73

DRY 72 WET 59 PRES 24.77

MPG 19.24

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	3.94	3.51	2.84	3.41
CO	066.5	047.2	036.0	048.1
C2	376.8	391.0	313.0	366.4
NX	4.41	3.52	4.27	3.96

	IDLE	LO CR	HI CR	2500
HC	3107	3603	3389	
LH	306	416	338	
CO	2.31	0.85	1.23	
NX	176	1643	2455	
HS	240	340	260	160
CS	2.20	0.90	1.40	1.60

TEST C1037 DATE 3/05/74

DRY 70 WET 50 PRES 24.41

MPG 19.67

MAKE PONTIAC MODEL LEMA YEAR 73 CYL. 8 CID 400 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.40	+0010	+00	+03	1	2	1	0	2	2	006704
AFTER MAINT	02.16	+0000	+00	+00	1	1	1	0	2	1	006704
AFTER 6 MO	01.87	+0000	-04	+00	1	1	1	0	2	2	010112

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK DIST AJ	PTS AJ	COND	PTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	?	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	4.06	3.19	3.07	3.34
CO	067.3	039.0	031.7	042.9
C2	724.5	701.5	598.3	677.7
NX	2.27	2.42	4.40	2.94

	IDLE	LO CR	HI CR	2500
HC	2217	2475	2425	
LH	353	507	472	
CO	1.46	0.16	0.38	
NX	147	2659	3167	
HS	145	150	130	080
CS	1.55	0.25	0.40	1.90

TEST C0162 DATE 8/29/73

DRY 70 WET 56 PRES 24.76

MPG 11.79

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.13	3.25	3.40	3.69
CO	067.2	035.6	036.9	042.6
C2	674.5	678.1	543.3	640.0
NX	2.80	2.85	5.29	3.51

	IDLE	LO CR	HI CR	2500
HC	2991	2643	2786	
LH	628	579	565	
CO	2.38	0.34	0.69	
NX	154	1879	3575	
HS	190	180	155	090
CS	2.25	0.30	0.73	1.80

TEST C0198 DATE 8/31/73

DRY 73 WET 57 PRES 24.53

MPG 12.40

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.04	4.11	3.54	4.36
CO	118.7	051.7	035.6	061.3
C2	611.3	646.9	530.6	607.2
NX	2.91	3.52	5.23	3.87

	IDLE	LO CR	HI CR	2500
HC	2893	2874	2753	
LH	264	278	241	
CO	1.96	0.19	0.71	
NX	131	2736	3430	
HS	200	150	200	140
CS	2.20	1.60	0.80	1.80

TEST C1042 DATE 3/06/74

DRY 76 WET 51 PRES 24.32

MPG 12.42

MAKE FORD MODEL MAVE YEAR 70 CYL. 6 CID 200 WEIGHT 2750 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.70	+0090	+00	+05	1	2	1	0	2	0	035000
AFTER MAINT	00.27	+0050	+03	+05	1	2	1	0	2	0	035000
AFTER 6 MO	08.19	-0150	+00	-03	1	2	1	0	1	0	038190

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	1	1	1	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	4.63	3.17	2.72	3.35
CO	046.7	050.6	027.5	043.4
C2	442.7	424.2	388.1	418.1
NX	8.35	7.07	8.40	7.71

	IDLE LO CR	HI CR	2500
HC	3796	3087	3032
LH	567	526	473
CO	5.16	0.12	3.03
NX	071	3250	1350
HS	340	290	260 2500
CS	4.80	0.15	3.00 1.70

TEST C0156 DATE 8/28/73

DRY 77 WET 59 PRES 24.77

MPG 17.93

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	3.20	2.62	2.25	2.64
CO	030.1	023.2	015.0	022.4
C2	437.9	421.0	366.1	409.3
NX	7.15	6.14	7.71	6.79

	IDLE LO CR	HI CR	2500
HC	3249	3034	2631
LH	606	609	523
CO	0.71	0.94	1.20
NX	149	2276	3082
HS	125	215	175 700
CS	0.30	0.60	0.80 1.00

TEST C0201 DATE 8/31/73

DRY 80 WET 57 PRES 24.55

MPG 19.67

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	4.39	3.71	3.36	3.76
CO	050.0	065.8	036.6	054.4
C2	445.6	345.9	343.6	366.1
NX	5.50	3.82	5.22	4.56

	IDLE LO CR	HI CR	2500
HC	6519	3955	3314
LH	015	094	238
CO	8.54	1.08	0.14
NX	031	255	311
HS	795	420	260 2500
CS	8.50	1.10	0.17 1.10

TEST C1019 DATE 2/25/74

DRY 68 WET 50 PRES 24.32

MPG 19.22

MAKE PLYMOUTH MODEL DUST YEAR 72 CYL. 6 CID 198 WEIGHT 3000 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.10	-0060	+00	-03	1	2	1	0	2	0	020817
AFTER MAINT	00.90	-0120	-03	-03	1	2	1	0	2	0	020817
AFTER 6 MO	00.82	-0750	+07	+00	1	1	1	0	2	0	026525

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.59	3.43	2.96	3.96
CO	129.2	063.6	076.3	080.8
C2	341.9	344.6	302.2	332.3
NX	2.67	3.85	3.45	3.49

	IDLE	LO CR	HI CR	2500
HC	5575	4257	4945	
LH	794	676	699	
CO	6.03	3.06	8.41	
NX	102	1811	541	
HS	440	275	330	140
CS	5.20	2.80	7.90	1.00

TEST C0183 DATE 8/30/73

DRY 74 WET 56 PRES 24.67

MPG 18.88

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.07	2.96	2.76	3.14
CO	081.0	019.6	045.2	039.6
C2	367.4	372.0	336.5	361.2
NX	3.89	4.90	4.83	4.67

	IDLE	LO CR	HI CR	2500
HC	7051	3677	4374	
LH	1082	460	501	
CO	0.14	0.76	7.42	
NX	272	3709	908	
HS	800	190	245	100
CS	0.14	0.85	7.50	0.35

TEST C0218 DATE 9/04/73

DRY 73 WET 54 PRES 24.88

MPG 20.56

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	4.84	2.93	3.00	3.35
CO	085.7	024.5	054.3	045.6
C2	344.6	355.4	301.6	338.2
NX	4.56	5.87	5.06	5.37

	IDLE	LO CR	HI CR	2500
HC	4018	3029	4267	
LH	517	317	434	
CO	0.10	1.43	8.62	
NX	499	2950	550	
HS	260	300	320	150
CS	0.15	1.60	7.40	0.50

TEST C1040 DATE 3/06/74

DRY 78 WET 55 PRES 24.32

MPG 21.18

MAKE RAMBLER MODEL STAW YEAR 68 CYL. 8 CID 290 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	08.30	-0059	+11	-03	1	1	1	0	2	0	052932
AFTER MAINT	02.16	-0025	+11	-02	1	1	1	0	2	0	052932
AFTER 6 MO	04.31	+0000	+07	+00	1	1	1	0	2	0	056531

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	10.30	10.68	9.16	10.18
CO	138.7	127.7	113.1	126.0
C2	393.5	377.7	349.8	373.3
NX	2.31	2.45	3.06	2.59

	IDLE LO CR	HI CR	2500
HC	12579	4186	5278
LH	1083	728	785
CO	11.85	1.66	8.37
NX	021	1979	301
HS	540	410	500 400
CS	8.70	1.60	8.30 2.70

TEST C0180 DATE 8/30/73

DRY 74 WET 56 PRES 24.67

MPG 14.76

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	8.17	5.78	6.15	6.39
CO	114.9	078.8	083.4	087.6
C2	392.8	396.7	341.7	380.6
NX	2.48	2.54	3.13	2.69

	IDLE LO CR	HI CR	2500
HC	3828	3635	4671
LH	585	572	684
CO	2.94	1.87	8.09
NX	167	2202	367
HS	330	380	440 410
CS	2.20	1.70	8.10 2.20

TEST C0202 DATE 8/31/73

DRY 81 WET 57 PRES 24.55

MPG 16.54

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	8.10	5.60	7.60	7.19
CO	109.3	087.9	089.4	092.8
C2	416.3	390.7	358.6	387.2
NX	3.30	2.84	3.93	3.24

	IDLE LO CR	HI CR	2500
HC	4897	4327	5537
LH	594	503	598
CO	4.69	1.15	7.75
NX	102	2503	377
HS	430	380	400 380
CS	4.40	1.20	5.40 2.60

TEST C1041 DATE 3/06/74

DRY 68 WET 48 PRES 24.32

MPG 16.03

MAKE PONTIAC MODEL CATA YEAR 65 CYL. 8 CID 389 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.10	-0010	+00	+06	1	2	1	0	1	0	076369
AFTER MAINT	06.00	+0300	+00	-05	1	2	1	0	1	0	076369
AFTER 6 MO	06.23	+0000	-01	-04	1	2	1	0	2	0	078559

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	36.25	33.74	31.40	33.62
CO	224.8	168.6	198.2	188.6
C2	449.2	420.7	374.2	413.7
NX	1.26	0.96	1.11	1.06

	IDLE	LO CR	HI CR	2500
HC	15430	27069	33148	
LH	2500	2500	2500	
CO	3.73	6.73	9.18	
NX	032	180	110	
HS	2500	2500	2500	2500
CS	3.30	6.60	9.40	5.80

TEST C0181 DATE 8/30/73

DRY 75 WET 56 PRES 24.67

MPG 10.91

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	17.29	12.78	11.37	13.33
CO	307.2	219.8	243.4	244.7
C2	404.5	417.5	363.0	399.7
NX	0.62	0.55	0.66	0.60

	IDLE	LO CR	HI CR	2500
HC	11942	4965	5510	
LH	857	621	636	
CO	6.33	7.49	11.09	
NX	024	237	163	
HS	720	350	340	580
CS	6.50	7.80	20.00	8.90

TEST C0219 DATE 9/04/73

DRY 70 WET 54 PRES 24.88

MPG 10.78

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	15.18	14.55	12.68	14.16
CO	260.3	218.6	233.8	231.5
C2	415.6	399.2	335.8	385.1
NX	0.98	0.71	0.77	0.78

	IDLE	LO CR	HI CR	2500
HC	9719	5742	6113	
LH	1077	707	697	
CO	6.19	8.71	10.56	
NX	037	041	002	
HS	860	600	540	900
CS	5.40	7.80	9.90	8.40

TEST C1051 DATE 3/08/74

DRY 72 WET 49 PRES 24.45

MPG 11.22

MAKE PLYMOUTH MODEL VALI YEAR 64 CYL. 6 CID 170 WEIGHT 3000 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	09.40	+0000	+09	-02	1	2	1	0	2	0	026268
AFTER MAINT	09.40	+0000	+09	-02	1	2	1	0	2	0	026268
AFTER 6 MO	07.16	+0950	+05	-05	1	1	2	0	2	0	028148

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	10.46	8.55	6.74	8.45
CO	147.2	136.9	123.7	135.4
C2	301.1	321.9	276.0	304.8
NX	1.88	1.83	1.84	1.84

	IDLE	LO CR	HI CR	2500
HC	28157	5518	5596	
LH	1097	834	832	
CO	9.33	5.23	8.31	
NX	021	1282	406	
HS	1080	400	450	550
CS	10.00	4.90	8.40	6.50

TEST C0182 DATE 8/30/73

DRY 76 WET 56 PRES 24.67

MPG 16.37

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	10.46	8.55	6.74	8.45
CO	147.2	136.9	123.7	135.4
C2	301.1	321.9	276.0	304.8
NX	1.88	1.83	1.84	1.84

	IDLE	LO CR	HI CR	2500
HC	28157	5518	5596	
LH	1097	834	832	
CO	9.33	5.23	8.31	
NX	021	1282	406	
HS	1080	400	450	550
CS	10.00	4.90	8.40	6.50

TEST C0182 DATE 8/30/73

DRY 76 WET 56 PRES 24.67

MPG 16.37

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	9.57	6.50	5.79	6.95
CO	164.9	125.9	118.2	131.9
C2	359.4	365.2	300.0	345.9
NX	2.71	2.72	2.47	2.64

	IDLE	LO CR	HI CR	2500
HC	4215	4009	4705	
LH	353	454	509	
CO	2.45	3.75	7.98	
NX	204	1319	068	
HS	380	420	410	420
CS	3.80	3.60	8.00	6.20

TEST C1045 DATE 3/07/74

DRY 70 WET 49 PRES 24.35

MPG 15.49

MAKE PLYMOUTH MODEL BELV YEAR 68 CYL. 8 CID 273 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	09.90	+0001	+02	+02	1	1	1	0	2	0	058630
AFTER MAINT	03.95	+0000	+00	+00	1	1	1	0	2	0	058630
AFTER 6 MO	08.19	-0050	-03	-02	1	2	1	0	2	0	062810

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	10.59	8.81	6.55	8.55
CO	203.0	186.7	145.8	178.8
C2	412.3	420.3	369.6	404.5
NX	1.16	1.35	1.86	1.45

	IDLE	LO CR	HI CR	2500
HC	12025	3941	4727	
LH	696	469	553	
CO	10.42	2.82	8.01	
NX	024	991	251	
HS	620	315	360	215
CS	20.00	2.90	8.10	4.60

TEST C0204 DATE 9/04/73

DRY 71 WET 55 PRES 24.77

MPG 12.50

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	10.99	5.26	4.80	6.33
CO	212.0	108.4	130.1	136.1
C2	420.5	422.2	382.3	410.8
NX	0.95	1.53	1.78	1.48

	IDLE	LO CR	HI CR	2500
HC	4066	3937	4699	
LH	801	745	755	
CO	4.24	3.60	8.37	
NX	086	1006	272	
HS	290	280	310	190
CS	4.30	3.40	8.40	4.40

TEST C0270 DATE 9/10/73

DRY 71 WET 62 PRES 24.82

MPG 13.82

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	10.56	8.08	4.44	7.59
CO	219.0	185.2	078.5	162.7
C2	405.2	437.3	399.9	420.2
NX	0.99	1.26	3.73	1.89

	IDLE	LO CR	HI CR	2500
HC	6455	4357	5280	
LH	532	416	470	
CO	8.52	2.59	7.48	
NX	053	1170	315	
HS	460	340	360	220
CS	8.10	2.60	7.10	5.00

TEST C1064 DATE 3/15/74

DRY 70 WET 48 PRES 24.43

MPG 12.73

MAKE FORD MODEL GALA YEAR 64 CYL. 8 CID 289 WEIGHT 4500 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	08.30	+0040	+00	+02	0	1	1	0	2	0	030087
AFTER MAINT	06.82	+0000	+00	+00	0	1	1	0	2	0	030087
AFTER 6 MO	08.19	+0000	+00	+00	0	1	2	0	2	0	033337

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	1	2	1	2	1	2	2	1	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	14.68	13.30	10.25	12.74
CO	157.1	171.6	113.2	152.4
C2	414.4	400.8	367.9	394.5
NX	1.91	1.34	2.00	1.64

	IDLE	LO CR	HI CR	2500
HC	12290	4005	7435	
LH	680	409	690	
CO	8.88	3.22	6.13	
NX	036	797	531	
HS	605	255	560	420
CS	8.80	3.10	6.00	4.90

TEST C0207 DATE 9/04/73

DRY 69 WET 52 PRES 24.86

MPG 13.21

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	12.55	10.29	7.50	9.99
CO	138.0	147.2	103.5	133.1
C2	383.7	388.7	369.8	382.4
NX	1.50	1.01	1.54	1.26

	IDLE	LO CR	HI CR	2500
HC	7459	3535	3785	
LH	700	511	581	
CO	7.50	3.05	4.83	
NX	038	539	1029	
HS	360	175	230	180
CS	6.80	3.00	4.20	4.70

TEST C0335 DATE 9/14/73

DRY 78 WET 55 PRES 24.63

MPG 14.29

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	15.22	17.17	10.72	14.97
CO	132.0	168.8	119.4	147.4
C2	411.7	429.7	372.8	410.1
NX	1.70	1.09	1.39	1.30

	IDLE	LO CR	HI CR	2500
HC	10772	4910	4598	
LH	689	430	392	
CO	8.56	3.73	4.61	
NX	030	577	1081	
HS	490	400	300	400
CS	7.80	3.50	4.00	4.50

TEST C1052 DATE 3/11/74

DRY 69 WET 50 PRES 24.44

MPG 12.93

MAKE CHEVROLET MODEL CORV YEAR 65 CYL. 6 CID 164 WEIGHT 2750 TRANS 4 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.70	-0075	+02	-03	0	1	1	0	2	0	076078
AFTER MAINT	04.30	+0500	+07	-03	0	1	1	0	2	0	076078
AFTER 6 MO	04.31	+0300	+00	+02	0	1	1	0	2	0	078647

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	1	1	1	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	10.62	8.83	5.85	8.38
CO	093.8	079.8	033.1	069.7
C2	297.9	332.9	155.1	276.2
NX	1.58	1.34	1.77	1.51

	IDLE LO CR	HI CR	2500	
HC	13045	5210	4840	
LH	2088	855	738	
CO	2.45	3.77	4.05	
NX	046	822	1229	
HS	2500	480	400	400
CS	2.00	3.60	3.80	4.00

TEST C0209 DATE 9/04/73

DRY 72 WET 53 PRES 24.87

MPG 21.60

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	10.31	6.44	5.40	6.96
CO	107.7	102.3	084.8	098.6
C2	292.3	339.3	280.4	313.2
NX	1.21	1.11	1.38	1.21

	IDLE LO CR	HI CR	2500	
HC	5531	4802	4636	
LH	500	529	533	
CO	4.74	4.99	5.15	
NX	054	376	904	
HS	360	355	375	345
CS	4.55	4.85	4.90	6.10

TEST C0229 DATE 9/05/73

DRY 75 WET 56 PRES 24.87

MPG 18.18

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	14.43	10.71	7.27	10.53
CO	120.6	111.8	090.9	107.8
C2	308.7	326.5	260.3	304.4
NX	1.23	1.15	1.38	1.23

	IDLE LO CR	HI CR	2500	
HC	15941	8788	7514	
LH	1962	791	633	
CO	4.70	5.26	5.40	
NX	044	614	560	
HS	2000	800	560	840
CS	4.40	4.80	5.00	6.00

TEST C1050 DATE 3/08/74

DRY 70 WET 48 PRES 24.45

MPG 17.56

MAKE RAMBLER MODEL AMER YEAR 66 CYL. 6 CID 232 WEIGHT 3000 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	07.20	+0040	-05	-01	2	1	1	0	2	0	064169
AFTER MAINT	07.20	+0040	-05	-01	2	1	1	0	2	0	064169
AFTER 6 MO	08.52	+0050	-01	+01	1	1	1	0	2	0	067233

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	10.17	7.78	6.98	8.06
CO	104.7	113.9	097.3	107.4
C2	307.0	279.2	250.8	277.1
NX	3.12	1.51	2.10	2.01

	IDLE	LO CR	HI CR	2500
HC	17023	4650	4177	
LH	1029	706	563	
CO	8.49	2.57	2.62	
NX	026	1805	2058	
HS	720	340	265	730
CS	8.00	2.45	2.00	9.10

TEST C0211 DATE 9/04/73

DRY 77 WET 55 PRES 24.86

MPG 18.90

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	10.17	7.78	6.98	8.06
CO	104.7	113.9	097.3	107.4
C2	307.0	279.2	250.8	277.1
NX	3.12	1.51	2.10	2.01

	IDLE	LO CR	HI CR	2500
HC	17023	4650	4177	
LH	1029	706	563	
CO	8.49	2.57	2.62	
NX	026	1805	2058	
HS	720	340	265	730
CS	8.00	2.45	2.00	9.10

TEST C0211 DATE 9/04/73

DRY 77 WET 55 PRES 24.86

MPG 18.90

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	9.18	11.73	6.89	9.85
CO	094.9	119.2	091.4	106.4
C2	343.5	304.5	268.7	302.7
NX	3.78	1.78	2.83	2.49

	IDLE	LO CR	HI CR	2500
HC	16408	4933	4552	
LH	1192	470	383	
CO	9.32	2.65	3.50	
NX	040	1783	1470	
HS	900	460	320	640
CS	7.60	2.40	3.30	8.00

TEST C1047 DATE 3/07/74

DRY 72 WET 44 PRES 24.35

MPG 17.78

MAKE CHEVROLET MODEL CHEV YEAR 69 CYL. 8 CID 307 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	02.70	+0100	-01	+00	1	2	1	0	2	0	045577
AFTER MAINT	00.90	-0010	+02	+00	1	1	1	0	2	0	045577
AFTER 6 MO	01.77	+0000	+01	+03	1	1	1	0	2	0	047538

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	9.11	5.42	5.43	6.20
CO	151.5	085.5	090.8	100.8
C2	431.5	452.9	378.6	427.8
NX	2.12	2.06	2.13	2.09

	IDLE	LO CR	HI CR	2500
HC	4161	4612	4387	
LH	519	612	536	
CO	3.07	3.92	4.18	
NX	090	995	1410	
HS	310	350	290	200
CS	3.00	4.00	4.10	3.20

TEST C0221 DATE 9/05/73

DRY 71 WET 52 PRES 24.94

MPG 14.70

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	8.35	5.11	5.50	5.90
CO	143.2	064.5	089.3	087.9
C2	439.9	454.9	398.7	436.2
NX	2.19	2.14	2.39	2.22

	IDLE	LO CR	HI CR	2500
HC	3505	4566	4261	
LH	410	560	456	
CO	1.05	3.97	3.96	
NX	109	980	1483	
HS	340	415	330	300
CS	0.95	3.85	3.90	4.60

TEST C0242 DATE 9/06/73

DRY 77 WET 55 PRES 24.70

MPG 15.02

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	10.46	5.07	5.23	6.24
CO	169.0	081.5	095.0	103.5
C2	432.8	460.7	409.4	440.6
NX	1.33	1.41	1.57	1.44

	IDLE	LO CR	HI CR	2500
HC	4314	5105	4929	
LH	452	466	397	
CO	1.84	4.27	4.26	
NX	092	365	730	
HS	440	400	340	280
CS	1.80	3.80	4.00	4.60

TEST C1046 DATE 3/07/74

DRY 68 WET 44 PRES 24.35

MPG 14.30

MAKE CHEVROLET MODEL IMPA YEAR 67 CYL. 8 CID 283 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.45	+0020	+00	+06	1	2	1	0	2	0	064860
AFTER MAINT	06.22	+0000	+00	+00	1	1	1	0	2	0	064860
AFTER 6 MO	06.56	-0100	+01	+06	1	2	1	0	?	0	069272

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	1

AS RECEIVED

	CT	CS	HT	1975
HC	13.28	13.48	11.24	12.82
CO	176.1	178.3	154.2	171.2
C2	452.8	438.1	416.8	435.2
NX	2.32	1.21	2.37	1.77

	IDLE	LO CR	HI CR	2500
HC	8665	6758	8687	
LH	1488	1095	1161	
CO	3.75	3.50	9.60	
NX	224	1268	245	
HS	1090	790	800	180
CS	3.60	3.30	9.20	5.00

TEST C0236 DATE 9/06/73

DRY 76 WET 57 PRES 24.89

MPG 11.96

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	17.44	12.68	10.79	13.15
CO	213.4	190.9	161.8	187.5
C2	425.0	387.7	392.4	396.8
NX	1.58	0.80	1.64	1.19

	IDLE	LO CR	HI CR	2500
HC	7437	5826	6913	
LH	1164	906	1052	
CO	7.00	4.30	8.52	
NX	080	746	231	
HS	1160	880	940	740
CS	7.20	4.40	9.10	6.70

TEST C0381 DATE 9/19/73

DRY 81 WET 55 PRES 24.68

MPG 12.15

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	26.00	17.49	12.78	17.96
CO	255.1	238.8	178.1	225.4
C2	457.6	398.8	382.5	406.6
NX	1.36	0.58	1.09	0.89

	IDLE	LO CR	HI CR	2500
HC	9947	6586	7928	
LH	1224	837	921	
CO	6.45	4.14	9.39	
NX	064	450	127	
HS	1080	760	780	800
CS	6.20	4.00	9.00	6.80

TEST C1073 DATE 3/21/74

DRY 69 WET 48 PRES 24.52

MPG 10.90

MAKE CHEVROLET MODEL VEGA YEAR 73 CYL. 4 CID 140 WEIGHT 2500 TRANS 3 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	08.80	-0100	+04	-01	1	2	1	0	2	1	009706
AFTER MAINT	02.60	-0110	+02	+00	2	2	1	0	2	1	009706
AFTER 6 MO	06.56	-0100	+02	+00	1	1	1	0	2	1	014416

	IG WS	COIL	SPRKS	AIR/F	A/C	E/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	1	2	1	2	2	2	2	2	2	1	1	1	1	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.98	5.20	3.90	5.00
CO	100.2	085.3	066.9	083.3
C2	270.5	271.6	221.2	257.4
NX	1.56	0.88	1.41	1.17

	IDLE	LO CR	HI CR	2500
HC	20309	3128	3218	
LH	1036	319	358	
CO	8.96	2.80	4.95	
NX	020	555	784	
HS	710	165	190	110
CS	8.90	2.70	4.50	3.90

TEST C0246 DATE 9/07/73

DRY 72 WET 53 PRES 24.76

MPG 22.04

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.11	5.85	5.08	6.32
CO	105.5	087.7	073.7	087.5
C2	256.1	266.5	242.7	257.7
NX	1.31	0.87	1.80	1.22

	IDLE	LO CR	HI CR	2500
HC	4505	3238	3495	
LH	556	400	454	
CO	2.95	2.31	5.65	
NX	049	436	506	
HS	340	150	205	120
CS	2.75	2.30	5.00	3.50

TEST C0278 DATE 9/10/73

DRY 73 WET 64 PRES 24.86

MPG 21.45

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	7.06	5.50	4.16	5.45
CO	091.0	090.7	064.7	083.6
C2	343.0	360.0	275.3	332.9
NX	2.15	0.94	1.93	1.47

	IDLE	LO CR	HI CR	2500
HC	9873	5178	4655	
LH	857	380	312	
CO	7.86	4.04	3.65	
NX	036	219	500	
HS	700	400	340	400
CS	7.20	4.80	3.80	5.40

TEST C1057 DATE 3/12/74

DRY 71 WET 50 PRES 24.78

MPG 18.50

MAKE PONTIAC MODEL CATA YEAR 67 CYL. 8 CID 400 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.39	+0000	-04	+03	1	1	1	0	1	0	071128
AFTER MAINT	00.39	+0000	-04	+03	1	1	1	0	1	0	071128
AFTER 6 MO	00.59	+0100	-05	+00	1	1	1	0	2	0	077038

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.75	4.59	4.47	4.80
CO	100.7	058.4	079.5	073.1
C2	546.6	542.1	450.7	517.7
NX	3.32	2.82	3.17	3.02

	IDLE	LO CR	HI CR	2500
HC	3828	3517	3113	
LH	411	377	309	
CO	0.50	2.52	2.94	
NX	163	1371	1727	
HS	240	220	170	135
CS	0.50	2.90	3.00	3.90

TEST C0248 DATE 9/07/73

DRY 72 WET 56 PRES 24.74

MPG 13.75

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.75	4.59	4.47	4.80
CO	100.7	058.4	079.5	073.1
C2	546.6	542.1	450.7	517.7
NX	3.32	2.82	3.17	3.02

	IDLE	LO CR	HI CR	2500
HC	3828	3517	3113	
LH	411	377	309	
CO	0.50	2.52	2.94	
NX	163	1371	1727	
HS	240	220	170	135
CS	0.50	2.90	3.00	3.90

TEST C0248 DATE 9/07/73

DRY 72 WET 56 PRES 24.74

MPG 13.75

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	7.25	4.93	4.73	5.36
CO	137.3	065.9	086.0	086.4
C2	606.0	578.6	500.9	562.8
NX	2.13	2.30	2.64	2.36

	IDLE	LO CR	HI CR	2500
HC	4013	3476	3376	
LH	430	347	299	
CO	0.57	2.11	3.09	
NX	118	1311	1114	
HS	330	260	240	190
CS	0.57	2.00	3.10	2.40

TEST C1053 DATE 3/11/74

DRY 70 WET 50 PRES 24.45

MPG 12.45

MAKE PONTIAC MODEL LEMA YEAR 71 CYL. 8 CID 350 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	02.45	-0010	+00	+00	1	2	1	0	1	0	031776
AFTER MAINT	02.45	-0010	+00	+00	1	2	1	0	1	0	031776
AFTER 6 MO	01.87	-0100	+00	+00	1	1	1	0	2	0	038831

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	?	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.49	4.36	3.60	4.59
CO	119.9	047.7	039.1	060.4
C2	568.5	570.7	492.1	548.4
NX	2.97	3.03	4.10	3.32

	IDLE	LO CR	HI CR	2500
HC	4107	3395	2837	
LH	553	355	258	
CO	2.75	1.23	0.95	
NX	175	1593	2286	
HS	335	190	130	060
CS	2.50	1.10	0.90	1.90

TEST C0249 DATE 9/07/73

DRY 76 WET 59 PRES 24.72

MPG 13.54

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.49	4.36	3.60	4.59
CO	119.9	047.7	039.1	060.4
C2	568.5	570.7	492.1	548.4
NX	2.97	3.03	4.10	3.32

	IDLE	LO CR	HI CR	2500
HC	4107	3395	2837	
LH	553	355	258	
CO	2.75	1.23	0.95	
NX	175	1593	2286	
HS	335	190	130	060
CS	2.50	1.10	0.90	1.90

TEST C0249 DATE 9/07/73

DRY 76 WET 59 PRES 24.72

MPG 13.54

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.36	4.12	3.27	4.36
CO	119.6	047.1	030.2	057.6
C2	570.4	553.7	482.0	537.3
NX	2.10	2.26	3.08	2.45

	IDLE	LO CR	HI CR	2500
HC	3968	2566	2589	
LH	428	228	206	
CO	1.93	0.35	1.22	
NX	094	1351	1728	
HS	380	120	220	120
CS	2.40	0.60	1.20	1.60

TEST C1039 DATE 3/06/74

DRY 68 WET 47 PRES 24.32

MPG 13.88

MAKE DODGE MODEL CORO YEAR 67 CYL. 8 CID 318 WEIGHT 3500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.20	+0280	+00	-01	1	1	1	1	2	0	044942
AFTER MAINT	03.40	+0020	+00	+00	1	1	1	1	2	0	044942
AFTER 6 MO	03.50	+0150	+00	-02	1	1	1	1	2	0	047393

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.56	6.21	5.15	6.41
CO	131.1	101.9	087.0	103.9
C2	431.5	443.2	399.8	428.7
NX	2.67	2.15	2.83	2.45

	IDLE	LO CR	HI CR	2500
HC	4252	4684	4126	
LH	512	571	442	
CO	3.49	5.55	4.85	
NX	121	605	904	
HS	350	365	269	220
CS	3.40	5.30	4.70	3.30

TEST C0245 DATE 9/07/73

DRY 71 WET 53 PRES 24.76

MPG 14.55

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	14.00	10.54	8.17	10.61
CO	180.9	154.2	116.0	149.2
C2	442.4	405.1	382.7	406.7
NX	2.07	1.43	2.25	1.79

	IDLE	LO CR	HI CR	2500
HC	5119	4643	4492	
LH	660	615	539	
CO	3.69	3.09	5.20	
NX	075	1235	714	
HS	470	410	330	340
CS	3.65	3.00	4.80	4.20

TEST C0279 DATE 9/10/73

DRY 70 WET 60 PRES 24.83

MPG 13.20

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	15.09	7.62	5.99	8.73
CO	166.8	122.0	095.8	124.1
C2	427.8	412.5	373.6	404.9
NX	1.70	1.37	1.96	1.60

	IDLE	LO CR	HI CR	2500
HC	5966	5664	5171	
LH	614	576	449	
CO	3.79	3.39	4.75	
NX	076	965	656	
HS	485	465	380	350
CS	3.50	3.25	4.60	3.40

TEST C1055 DATE 3/12/74

DRY 70 WET 50 PRES 24.79

MPG 14.19

MAKE PONTIAC MODEL FIRE YEAR 67 CYL. 8 CID 326 WEIGHT 3500 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.90	-0110	+00	-02	1	1	1	0	2	0	042146
AFTER MAINT	05.40	+0120	+00	+03	1	1	1	0	2	0	042146
AFTER 6 MO	07.68	-0100	+00	+00	1	1	1	0	2	0	045915

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	1

AS RECEIVED

	CT	CS	HT	1975
HC	9.91	11.88	9.48	10.80
CO	088.4	138.8	091.9	115.2
C2	426.7	365.1	336.8	370.1
NX	4.12	1.85	3.36	2.74

	IDLE	LO CR	HI CR	2500
HC	19722	4720	4183	
LH	1845	636	566	
CO	7.32	2.55	2.31	
NX	026	1924	3119	
HS	240	355	305	420
CS	6.80	2.70	2.40	5.70

TEST C0267 DATE 9/10/73

DRY 70 WET 61 PRES 24.84

MPG 15.22

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	14.09	12.81	8.76	11.95
CO	115.4	150.8	099.0	129.0
C2	396.2	358.4	352.9	364.8
NX	3.14	1.35	3.52	2.33

	IDLE	LO CR	HI CR	2500
HC	18165	4409	4122	
LH	1241	537	506	
CO	6.53	2.49	2.18	
NX	038	1756	2896	
HS	740	290	255	330
CS	5.40	2.30	2.00	4.40

TEST C0291 DATE 9/11/73

DRY 74 WET 62 PRES 24.72

MPG 14.72

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	12.49	16.86	9.58	13.93
CO	096.9	151.7	088.5	122.7
C2	463.5	445.2	389.3	433.5
NX	3.21	1.89	3.04	2.48

	IDLE	LO CR	HI CR	2500
HC	14008	5650	4632	
LH	1762	560	434	
CO	8.39	2.47	1.39	
NX	036	1428	3190	
HS	1450	510	350	600
CS	7.70	2.60	1.40	4.80

TEST C1054 DATE 3/11/74

DRY 70 WET 50 PRES 24.46

MPG 13.29

MAKE CHEVRCLET MODEL IMP YEAR 64 CYL. 8 CID 283 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	07.40	+0100	-01	+00	1	1	1	0	2	0	085172
AFTER MAINT	07.45	+0000	+00	+00	1	1	1	0	2	0	085172
AFTER 6 MO	09.58	+0040	+01	+00	1	1	1	0	2	0	089301

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	PPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	11.45	8.91	8.07	9.21
CO	187.6	154.0	152.8	160.7
C2	403.3	388.6	346.1	379.9
NX	1.63	1.04	1.44	1.27

	IDLE	LO CR	HI CR	2500
HC	8637	5442	4994	
LH	922	710	586	
CO	8.36	6.48	5.89	
NX	044	469	924	
HS	615	450	360	550
CS	7.80	6.00	5.40	5.80

TEST C0250 DATE 9/07/73

DRY 76 WET 60 PRES 24.72

MPG 13.47

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	10.48	8.48	7.91	8.74
CO	210.8	200.9	182.5	197.8
C2	435.6	412.5	373.0	406.4
NX	1.20	0.66	1.04	0.88

	IDLE	LO CR	HI CR	2500
HC	8043	4426	4071	
LH	879	614	571	
CO	9.50	6.54	5.86	
NX	031	329	669	
HS	580	410	350	420
CS	8.70	6.60	5.70	5.60

TEST C0361 DATE 9/18/73

DRY 77 WET 53 PRES 24.78

MPG 11.96

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	14.05	12.98	10.39	12.48
CO	211.8	209.9	189.5	204.7
C2	419.4	424.2	370.2	408.2
NX	0.84	0.42	0.78	0.60

	IDLE	LO CR	HI CR	2500
HC	11422	6897	6282	
LH	893	619	517	
CO	9.69	5.93	5.52	
NX	017	320	569	
HS	810	540	420	720
CS	9.00	5.80	5.40	6.00

TEST C1067 DATE 3/18/74

DRY 72 WET 51 PRES 24.58

MPG 11.58

MAKE CHEVROLET MODEL IMPA YEAR 66 CYL. 8 CID 327 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	08.20	+0045	-02	+03	1	1	1	0	2	0	033735
AFTER MAINT	03.50	+0000	-02	+01	1	1	1	0	2	0	033735
AFTER 6 MO	03.80	+0025	-02	+00	1	1	1	0	2	0	037299

	IG WS	COIL	SPRKS	AIR/F	A/C	F/NX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	10.39	9.29	7.56	9.04
CO	145.9	158.0	121.7	145.4
C2	483.3	420.8	384.3	423.8
NX	3.87	2.09	2.99	2.71

	IDLE	LO CR	HI CR	2500
HC	7578	4619	3854	
LH	871	613	485	
CO	9.00	3.67	2.48	
NX	044	1268	2268	
HS	680	420	280	325
CS	8.80	3.50	2.50	5.00

TEST C0282 DATE 9/11/73

DRY 69 WET 59 PRES 24.79

MPG 13.09

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.78	7.36	6.26	7.56
CO	142.9	118.9	105.7	120.3
C2	444.3	414.3	379.8	411.0
NX	3.03	1.98	2.87	2.44

	IDLE	LO CR	HI CR	2500
HC	6228	4804	4048	
LH	919	750	625	
CO	4.03	4.27	2.79	
NX	063	1106	1977	
HS	520	340	245	320
CS	3.30	3.70	2.60	6.20

TEST C0306 DATE 9/12/73

DRY 79 WET 60 PRES 24.65

MPG 14.28

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	8.77	7.18	6.44	7.31
CO	090.9	072.6	059.2	072.7
C2	509.8	468.5	426.9	465.6
NX	4.79	2.80	4.09	3.57

	IDLE	LO CR	HI CR	2500
HC	10634	6070	4756	
LH	1440	624	449	
CO	1.33	4.04	2.25	
NX	065	1048	2323	
HS	980	700	480	420
CS	3.30	3.50	2.20	1.90

TEST C1060 DATE 3/13/74

DRY 70 WET 51 PRES 24.59

MPG 14.77

MAKE DODGE MODEL CORO YEAR 66 CYL. 8 CID 318 WEIGHT 3500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.30	-0100	+05	+00	1	2	1	0	2	0	048219
AFTER MAINT	00.20	+0120	+05	+05	1	2	1	0	2	0	048219
AFTER 6 MO	08.50	+0200	+00	+01	1	1	1	0	2	0	050895

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	14.31	6.77	5.00	7.86
CO	210.6	081.5	059.0	102.3
C2	386.4	437.4	398.0	415.8
NX	1.82	5.12	5.70	4.59

	IDLE	LO CR	HI CR	2500
HC	5777	4765	4219	
LH	720	634	507	
CO	4.79	0.80	2.39	
NX	126	3173	2137	
HS	615	350	390	240
CS	4.40	0.70	2.30	1.40

TEST C0283 DATE 9/11/73

DRY 72 WET 62 PRES 24.79

MPG 14.81

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	12.44	4.15	4.01	5.85
CO	174.3	037.2	035.6	065.4
C2	363.0	430.5	392.5	405.8
NX	1.13	2.59	3.02	2.40

	IDLE	LO CR	HI CR	2500
HC	3677	3659	3517	
LH	727	682	644	
CO	0.25	1.87	2.40	
NX	215	1387	1670	
HS	265	250	200	115
CS	0.25	2.00	2.20	1.65

TEST C0309 DATE 9/12/73

DRY 77 WET 60 PRES 24.65

MPG 16.90

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	15.75	8.98	6.42	9.69
CO	229.1	129.2	077.4	135.8
C2	381.8	411.1	400.2	402.0
NX	1.03	2.62	3.67	2.58

	IDLE	LO CR	HI CR	2500
HC	8686	4354	4055	
LH	805	403	301	
CO	8.71	0.87	2.19	
NX	846	2689	1882	
HS	700	500	400	310
CS	8.80	1.10	1.80	2.00

TEST C1058 DATE 3/13/74

DRY 68 WET 50 PRES 24.60

MPG 13.79

MAKE CHEVROLET MODEL BISC YEAR 65 CYL. 8 CID 283 WEIGHT 3500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	08.70	+0050	-14	+00	0	2	1	0	2	0	073598
AFTER MAINT	05.60	+0000	+00	+02	0	2	1	0	2	0	073598
AFTER 6 MO	05.90	+0050	-04	-14	0	1	1	0	2	0	096516

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	10.32	8.96	7.11	8.73
CO	160.7	164.3	136.5	155.8
C2	394.3	366.4	341.0	365.2
NX	2.50	1.31	1.96	1.74

	IDLE	LO CR	HI CR	2500
HC	13746	5330	4515	
LH	617	654	546	
CO	9.41	5.69	4.47	
NX	026	616	1207	
HS	800	455	315	550
CS	9.20	5.20	4.20	4.40

TEST C0295 DATE 9/12/73

DRY 71 WET 60 PRES 24.69

MPG 13.97

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	8.27	6.72	5.33	6.66
CO	144.2	133.6	125.4	133.6
C2	394.0	377.0	339.7	370.2
NX	1.42	0.77	1.27	1.04

	IDLE	LO CR	HI CR	2500
HC	6862	4167	3802	
LH	773	689	629	
CO	5.99	5.06	4.39	
NX	050	491	852	
HS	490	355	280	390
CS	5.70	4.80	4.20	5.70

TEST C0324 DATE 9/13/73

DRY 78 WET 56 PRES 24.63

MPG 14.82

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	12.02	10.08	9.31	10.27
CO	146.4	138.4	122.8	135.8
C2	427.4	400.5	363.1	395.7
NX	1.75	0.96	1.50	1.27

	IDLE	LO CR	HI CR	2500
HC	8159	6317	5338	
LH	729	615	493	
CO	5.76	4.27	3.83	
NX	055	556	847	
HS	680	620	620	800
CS	5.60	4.30	4.40	5.00

TEST C1059 DATE 3/13/74

DRY 69 WET 52 PRES 24.59

MPG 13.88

MAKE FORD MODEL MUST YEAR 65 CYL. 6 CID 200 WEIGHT 2750 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.50	+0020	-02	-07	1	1	1	0	1	0	092515
AFTER MAINT	03.50	+0020	-02	-07	1	1	1	0	1	0	092515
AFTER 6 MO	05.27	-0010	+00	-02	1	1	1	0	2	0	094277

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	9.70	8.66	5.60	8.03
CO	067.8	077.9	048.4	067.6
C2	309.2	295.0	272.2	291.6
NX	3.67	2.03	3.44	2.77

	IDLE	LO CR	HI CR	2500
HC	5810	4998	4775	
LH	544	562	561	
CO	3.97	4.71	5.42	
NX	061	529	922	
HS	450	355	340	240
CS	3.80	4.50	5.00	3.50

TEST C0297 DATE 9/12/73

DRY 71 WET 60 PRES 24.68

MPG 21.04

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.70	8.66	5.60	8.03
CO	067.8	077.9	048.4	067.6
C2	309.2	295.0	272.2	291.6
NX	3.67	2.03	3.44	2.77

	IDLE	LO CR	HI CR	2500
HC	5810	4998	4775	
LH	544	562	561	
CO	3.97	4.71	5.42	
NX	061	529	922	
HS	450	355	340	240
CS	3.80	4.50	5.00	3.50

TEST C0297 DATE 9/12/73

DRY 71 WET 60 PRES 24.68

MPG 21.04

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	8.18	8.51	6.51	7.89
CO	064.4	074.7	051.4	066.1
C2	291.1	285.1	272.1	282.7
NX	3.84	2.34	3.61	3.01

	IDLE	LO CR	HI CR	2500
HC	9817	6546	5115	
LH	829	519	413	
CO	5.13	4.29	1.22	
NX	051	696	3617	
HS	800	480	320	500
CS	5.00	4.20	1.20	5.40

TEST C1063 DATE 3/15/74

DRY 69 WET 48 PRES 24.43

MPG 21.64

MAKE VOLKSWAGON MODEL SEDA YEAR 65 CYL. 4 CID 073 WEIGHT 2000 TRANS 4 EXH CTRL 2 EVAP CTRL 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.47	-0085	-01	-01	0	1	1	0	1	0	089782
AFTER MAINT	05.40	+0575	-01	-02	0	1	1	0	2	0	089782
AFTER 6 MO	07.20	+0125	-10	-15	0	1	1	0	2	0	098220

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.56	6.02	4.38	5.47
CO	075.7	091.5	060.7	079.6
C2	243.0	226.7	210.4	225.6
NX	3.23	1.24	2.78	2.08

	IDLE	LO CR	HI CR	2500
HC	12924	4315	3128	
LH	2042	518	440	
CO	1.76	4.61	1.91	
NX	072	1198	3889	
HS	1350	240	160	360
CS	1.50	4.20	1.80	8.10

TEST C0296 DATE 9/12/73

DRY 69 WET 60 PRES 24.68

MPG 24.20

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.95	6.83	4.41	5.77
CO	077.0	103.6	066.0	087.6
C2	232.5	209.2	197.0	210.7
NX	2.41	0.92	1.88	1.50

	IDLE	LO CR	HI CR	2500
HC	7918	4068	3038	
LH	1143	707	566	
CO	6.00	5.15	2.37	
NX	052	986	2958	
HS	465	265	190	500
CS	5.60	4.70	2.35	9.30

TEST C0325 DATE 9/13/73

DRY 78 WET 56 PRES 24.63

MPG 24.30

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	4.22	4.59	3.57	4.23
CO	080.9	109.2	069.6	092.3
C2	263.6	259.5	222.9	250.2
NX	2.69	1.29	2.23	1.84

	IDLE	LO CR	HI CR	2500
HC	8597	4215	3251	
LH	451	306	245	
CO	9.02	4.70	2.55	
NX	072	537	2243	
HS	500	400	390	560
CS	7.60	7.10	2.80	5.20

TEST C1062 DATE 3/14/74

DRY 70 WET 48 PRES 24.15

MPG 21.80

MAKE FORD MODEL TORI YEAR 70 CYL. 8 CID 351 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.60	-0100	+06	-04	2	1	1	0	1	0	045898
AFTER MAINT	04.95	+0000	+00	+00	1	1	1	0	2	0	045898
AFTER 6 MO	05.75	-0150	+02	+02	1	1	1	0	2	0	053704

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	?

AS RECEIVED

	CT	CS	HT	1975
HC	7.12	7.23	7.01	7.15
CO	074.3	023.4	027.3	035.1
C2	508.3	492.7	451.1	484.4
NX	6.51	5.22	8.14	6.30

	IDLE	LO CR	HI CR	2500
HC	10685	6954	2939	
LH	974	1360	578	
CO	0.79	0.14	0.74	
NX	166	2700	4230	
HS	1150	750	170	2500
CS	0.80	0.20	0.70	0.60

TEST C0310 DATE 9/13/73

DRY 69 WET 59 PRES 24.66

MPG 15.84

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.78	4.09	3.94	4.82
CO	097.8	075.3	051.5	073.4
C2	546.6	530.4	486.3	521.6
NX	2.09	1.55	2.15	1.87

	IDLE	LO CR	HI CR	2500
HC	4368	2069	2268	
LH	412	233	234	
CO	6.19	0.60	1.12	
NX	081	772	1447	
HS	290	140	145	080
CS	5.20	0.65	1.20	1.25

TEST C0382 DATE 9/19/73

DRY 78 WET 54 PRES 24.69

MPG 13.66

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	11.45	7.98	5.95	8.14
CO	129.6	106.9	067.7	100.8
C2	417.7	425.9	381.4	411.8
NX	2.46	1.66	2.81	2.15

	IDLE	LO CR	HI CR	2500
HC	12606	4159	3979	
LH	896	380	350	
CO	10.07	1.56	2.43	
NX	029	2194	2185	
HS	580	340	380	460
CS	5.20	1.20	2.20	2.10

TEST C1070 DATE 3/19/74

DRY 70 WET 49 PRES 24.50

MPG 14.95

MAKE OLDSMOBILE MODEL CUTL YEAR 65 CYL. 8 CID 330 WEIGHT 3500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.30	+0000	+00	+00	0	1	1	0	1	0	045665
AFTER MAINT	04.30	+0000	+00	+00	0	1	1	0	1	0	045665
AFTER 6 MO	05.91	+0160	+00	+04	0	1	1	0	2	0	048410

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	PRV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.56	6.58	6.32	6.92
CO	150.6	142.5	132.0	141.3
C2	456.8	433.7	390.9	426.7
NX	1.61	0.78	1.24	1.08

	IDLE	LO CR	HI CR	2500
HC	6865	4931	4554	
LH	859	754	679	
CO	4.53	5.35	5.15	
NX	057	424	764	
HS	500	410	310	265
CS	4.50	5.20	4.90	6.50

TEST C0314 DATE 9/13/73

DRY 71 WET 56 PRES 24.73

MPG 13.28

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	8.56	6.58	6.32	6.92
CO	150.6	142.5	132.0	141.3
C2	456.8	433.7	390.9	426.7
NX	1.61	0.78	1.24	1.08

	IDLE	LO CR	HI CR	2500
HC	6865	4931	4554	
LH	859	754	679	
CO	4.53	5.35	5.15	
NX	057	424	764	
HS	500	410	310	265
CS	4.50	5.20	4.90	6.50

TEST C0314 DATE 9/13/73

DRY 71 WET 56 PRES 24.73

MPG 13.28

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	7.93	7.14	6.44	7.11
CO	168.4	170.1	147.3	163.4
C2	431.8	391.5	355.5	389.9
NX	1.55	0.64	1.16	0.98

	IDLE	LO CR	HI CR	2500
HC	6315	5394	4873	
LH	605	565	458	
CO	5.89	5.18	5.50	
NX	055	329	361	
HS	420	400	310	440
CS	5.40	5.00	5.00	6.20

TEST C1061 DATE 3/14/74

DRY 70 WET 48 PRES 24.15

MPG 13.31

MAKE CHEVROLET MODEL STAW YEAR 64 CYL. 8 CID 327 WEIGHT 4500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.87	+0200	+10	+04	2	2	1	0	1	0	071086
AFTER MAINT	01.87	+0200	+10	+04	2	2	1	0	1	0	071086
AFTER 6 MO	07.04	+0050	+00	+02	1	1	1	0	2	0	074176

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.71	4.31	4.38	4.83
CO	120.2	067.1	083.1	082.7
C2	503.0	524.7	433.7	494.9
NX	4.48	4.45	3.85	4.29

	IDLE	LO CR	HI CR	2500
HC	5807	3256	3215	
LH	833	521	500	
CO	2.21	1.91	3.23	
NX	117	2123	1997	
HS	450	205	195	125
CS	2.00	1.90	0.90	1.70

TEST C0315 DATE 9/13/73

DRY 70 WET 54 PRES 24.73

MPG 13.92

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.71	4.31	4.38	4.83
CO	120.2	067.1	083.1	082.7
C2	503.0	524.7	433.7	494.9
NX	4.48	4.45	3.85	4.29

	IDLE	LO CR	HI CR	2500
HC	5807	3256	3215	
LH	833	521	500	
CO	2.21	1.91	3.23	
NX	117	2123	1997	
HS	450	205	195	125
CS	2.00	1.90	0.90	1.70

TEST C0315 DATE 9/13/73

DRY 70 WET 54 PRES 24.73

MPG 13.92

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	11.78	10.15	7.56	9.78
CO	128.5	110.8	109.7	114.2
C2	466.0	474.1	405.8	453.4
NX	3.24	3.64	2.83	3.33

	IDLE	LO CR	HI CR	2500
HC	13254	4379	4624	
LH	1083	402	404	
CO	9.07	2.93	4.26	
NX	030	993	1165	
HS	740	340	300	320
CS	7.00	3.00	4.10	3.00

TEST C1065 DATE 3/15/74

DRY 72 WET 49 PRES 24.43

MPG 13.42

MAKE OLDSMOBILE MODEL DYNA YEAR 66 CYL. 8 CID 425 WEIGHT 4500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.75	-0060	+02	+01	1	2	1	0	2	0	048553
AFTER MAINT	07.04	+0000	+00	+00	1	1	1	0	2	0	048553
AFTER 6 MO	05.75	+0120	+02	+03	1	1	1	0	2	0	050741

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DTST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	9.11	4.73	5.15	5.76
CO	208.5	099.4	113.3	126.1
C2	654.3	670.9	557.0	635.8
NX	1.88	1.44	1.88	1.66

	IDLE	LO CR	HI CR	2500
HC	2965	3115	3511	
LH	450	464	496	
CO	0.86	1.96	4.25	
NX	115	634	767	
HS	130	140	170	105
CS	0.70	0.80	4.30	3.10

TEST C0327 DATE 9/14/73

DRY 70 WET 59 PRES 24.80

MPG 10.45

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	11.20	9.76	7.52	9.44
CO	207.6	151.3	141.6	160.4
C2	549.3	501.0	445.2	495.7
NX	2.50	1.83	2.41	2.13

	IDLE	LO CR	HI CR	2500
HC	8110	4078	4228	
LH	890	556	541	
CO	8.14	3.23	6.47	
NX	030	1218	672	
HS	810	405	370	900
CS	7.40	3.30	6.60	5.20

TEST C0374 DATE 9/19/73

DRY 79 WET 56 PRES 24.68

MPG 11.46

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	45.97	35.32	33.89	37.15
CO	212.5	146.6	146.2	160.3
C2	470.3	454.7	394.5	441.3
NX	1.61	1.52	1.87	1.63

	IDLE	LO CR	HI CR	2500
HC	14900	14196	14649	
LH	1932	1852	1838	
CO	6.30	3.13	5.08	
NX	044	1184	526	
HS	2500	2500	2500	2500
CS	5.60	7.40	4.80	4.60

TEST C1069 DATE 3/19/74

DRY 68 WET 48 PRES 24.50

MPG 10.99

MAKE CHEVROLET MODEL NOVA YEAR 72 CYL. 8 CID 350 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.30	+0000	+10	-04	2	2	1	0	2	0	025592
AFTER MAINT	03.03	+0000	+00	+00	1	1	1	0	2	0	025592
AFTER 6 MO	01.37	+0100	+02	+01	1	1	1	0	2	0	028178

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.73	3.80	3.20	4.25
CO	124.9	036.4	037.7	055.3
C2	578.1	594.4	497.7	564.2
NX	4.21	2.88	4.60	3.63

	IDLE	LO CR	HI CR	2500
HC	2853	3028	2367	
LH	530	603	490	
CO	1.20	1.24	0.23	
NX	361	1788	2956	
HS	220	220	130	135
CS	1.50	1.30	0.25	1.60

TEST C0346 DATE 9/17/73

DRY 72 WET 56 PRES 24.92

MPG 13.40

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	3.41	3.33	3.19	3.31
CO	068.6	054.5	058.2	058.4
C2	628.0	637.5	509.8	600.1
NX	2.87	1.75	2.34	2.14

	IDLE	LO CR	HI CR	2500
HC	2900	2973	1755	
LH	269	283	190	
CO	3.19	2.28	0.45	
NX	194	1045	1647	
HS	225	220	090	130
CS	3.50	2.20	0.50	3.00

TEST C0378 DATE 9/19/73

DRY 82 WET 55 PRES 24.58

MPG 12.68

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	4.46	3.39	2.47	3.36
CO	092.5	039.5	036.1	049.7
C2	514.8	535.7	430.0	502.0
NX	2.81	1.77	2.99	2.33

	IDLE	LO CR	HI CR	2500
HC	1910	1721	1088	
LH	340	310	170	
CO	1.14	1.08	0.27	
NX	116	1035	1960	
HS	230	220	090	080
CS	0.90	1.40	0.20	1.40

TEST C1074 DATE 3/21/74

DRY 72 WET 50 PRES 24.52

MPG 15.08

MAKE FORD MODEL MUST YEAR 66 CYL. 8 CID 289 WEIGHT 3000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.40	-0135	-06	-02	1	1	1	0	2	0	038659
AFTER MAINT	02.34	+0000	+00	+00	1	1	1	0	2	0	038659
AFTER 6 MO	04.63	-0050	+00	+08	1	1	1	0	2	0	041108

	TG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	11.01	8.47	5.67	8.22
CO	110.0	089.3	053.6	083.7
C2	459.4	416.4	400.9	421.1
NX	3.16	3.00	3.97	3.30

	IDLE	LO CR	HI CR	2500
HC	5604	5329	4664	
LH	954	953	777	
CO	3.53	1.00	1.44	
NX	060	2211	1954	
HS	580	560	400	270
CS	3.70	1.10	1.50	6.80

TEST C0340 DATE 9/17/73

DRY 70 WET 58 PRES 24.83

MPG 15.39

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	10.82	7.73	5.82	7.85
CO	106.6	074.0	046.1	073.1
C2	447.4	418.6	398.7	419.1
NX	3.50	3.62	4.20	3.76

	IDLE	LO CR	HI CR	2500
HC	4028	4675	3979	
LH	508	633	471	
CO	2.54	0.76	1.23	
NX	072	2436	2158	
HS	355	420	290	220
CS	2.50	0.70	1.20	1.70

TEST C0409 DATE 9/21/73

DRY 73 WET 52 PRES 24.65

MPG 15.94

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	9.54	8.14	6.13	7.87
CO	100.0	089.3	050.4	080.8
C2	445.8	396.0	376.9	401.1
NX	3.67	3.62	5.05	4.03

	IDLE	LO CR	HI CR	2500
HC	6026	6071	5062	
LH	567	604	444	
CO	4.43	1.10	1.76	
NX	072	2330	2058	
HS	480	520	300	260
CS	4.20	1.00	1.70	2.20

TEST C1072 DATE 3/20/74

DRY 74 WET 50 PRES 24.70

MPG 16.11

MAKE CHEVROLET MODEL IMPA YEAR 70 CYL. 8 CID 350 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.07	+0050	+00	+02	1	2	1	0	1	0	080466
AFTER MAINT	01.97	+0000	+00	+00	1	1	1	0	2	0	080466
AFTER 6 MO	06.50	+0080	+00	+00	1	1	1	0	2	0	085794

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	11.61	7.88	6.01	8.14
CO	188.0	104.8	082.6	116.0
C2	548.0	573.9	455.8	535.7
NX	1.97	2.26	2.34	2.22

	IDLE	LO CR	HI CR	2500
HC	6254	3340	3584	
LH	863	532	549	
CO	6.82	1.36	3.52	
NX	153	1300	1287	
HS	800	230	250	115
CS	6.30	1.60	3.50	1.40

TEST C0345 DATE 9/17/73

DRY 70 WET 56 PRES 24.87

MPG 11.98

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	11.93	3.77	3.95	5.53
CO	221.2	055.5	068.6	093.8
C2	499.8	595.9	478.5	543.2
NX	1.21	1.85	1.98	1.75

	IDLE	LO CR	HI CR	2500
HC	3557	2272	3101	
LH	539	446	501	
CO	2.17	0.24	2.49	
NX	146	822	1366	
HS	280	120	200	062
CS	2.00	0.25	2.50	0.50

TEST C0493 DATE 10/01/73

DRY 76 WET 54 PRES 24.70

MPG 12.58

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	41.61	5.74	5.49	13.18
CO	336.5	116.8	112.6	161.6
C2	556.2	574.3	508.2	552.2
NX	0.99	1.70	2.03	1.65

	IDLE	LO CR	HI CR	2500
HC	5007	3195	3731	
LH	468	281	333	
CO	6.46	1.61	3.58	
NX	073	1130	1109	
HS	400	200	220	080
CS	6.00	1.60	3.50	1.00

TEST C1085 DATE 4/01/74

DRY 69 WET 50 PRES 24.47

MPG 10.51

MAKE PLYMOUTH MODEL SATE YEAR 72 CYL. 8 CID 400 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.40	+0090	+00	+00	1	2	1	0	2	0	014660
AFTER MAINT	03.07	+0000	+00	+00	1	1	1	0	2	0	014660
AFTER 6 MO	02.45	-0200	+05	+00	1	1	1	0	2	0	019196

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.62	5.60	4.52	5.93
CO	184.3	142.5	103.3	140.4
C2	530.2	538.0	472.5	518.2
NX	1.91	1.29	2.17	1.66

	IDLE	LO CR	HI CR	2500
HC	4666	3285	3250	
LH	517	475	462	
CO	7.27	2.76	3.29	
NX	055	960	1533	
HS	380	270	255	130
CS	6.50	2.80	3.40	3.00

TEST C0357 DATE 9/18/73

DRY 71 WET 53 PRES 24.79

MPG 11.76

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.82	4.24	4.75	5.13
CO	168.8	088.6	107.6	110.6
C2	537.3	577.7	463.8	537.7
NX	2.14	1.58	2.25	1.88

	IDLE	LO CR	HI CR	2500
HC	3317	3801	5403	
LH	329	420	595	
CO	3.31	3.84	11.38	
NX	070	888	114	
HS	180	250	340	150
CS	3.20	3.70	20.00	3.60

TEST C0403 DATE 9/21/73

DRY 79 WET 56 PRES 24.65

MPG 12.24

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	8.72	4.04	3.84	4.96
CO	148.3	084.3	079.5	096.4
C2	523.8	586.1	484.6	544.9
NX	2.01	1.64	2.34	1.91

	IDLE	LO CR	HI CR	2500
HC	3053	2344	3836	
LH	270	187	304	
CO	2.43	0.37	3.47	
NX	070	912	1063	
HS	200	130	200	090
CS	2.40	0.40	3.40	2.50

TEST C1066 DATE 3/18/74

DRY 68 WET 51 PRES 24.58

MPG 12.51

MAKE FORD MODEL GALA YEAR 66 CYL. 8 CID 352 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.60	+0060	+10	-04	1	1	1	0	2	0	078274
AFTER MAINT	03.70	+0000	+00	+00	1	1	1	0	2	0	078274
AFTER 6 MO	10.60	+0000	+00	+02	1	1	1	0	2	0	082799

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	10.66	8.78	6.57	8.56
CO	129.6	136.5	095.2	123.6
C2	518.1	478.2	440.1	476.0
NX	4.39	3.59	3.72	3.80

	IDLE	LO CR	HI CR	2500
HC	5055	3610	3740	
LH	751	610	630	
CO	6.85	2.15	2.31	
NX	092	1727	2330	
HS	505	410	300	210
CS	7.20	2.60	2.55	3.00

TEST C0344 DATE 9/17/73

DRY 70 WET 56 PRES 24.86

MPG 12.78

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	11.20	10.10	6.07	9.21
CO	112.2	099.3	062.5	091.8
C2	461.4	434.3	406.6	432.3
NX	2.96	3.28	3.68	3.32

	IDLE	LO CR	HI CR	2500
HC	9679	4123	3664	
LH	1191	644	550	
CO	7.13	1.18	0.98	
NX	070	2289	2813	
HS	320	275	210	270
CS	4.00	1.10	0.80	1.80

TEST C0472 DATE 9/28/73

DRY 70 WET 55 PRES 24.85

MPG 14.71

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	14.89	15.14	9.81	13.61
CO	137.8	176.9	110.7	150.4
C2	503.1	475.0	463.1	477.6
NX	2.67	2.41	3.04	2.64

	IDLE	LO CR	HI CR	2500
HC	12484	4570	3727	
LH	748	414	302	
CO	11.32	2.37	1.89	
NX	017	1342	1902	
HS	650	385	250	240
CS	9.60	2.40	1.80	4.10

TEST C1077 DATE 3/25/74

DRY 73 WET 52 PRES 24.53

MPG 11.77

MAKE CHEVROLET MODEL BELA YEAR 65 CYL. 8 CID 283 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	02.40	+0000	+02	+01	0	2	1	0	2	0	130460
AFTER MAINT	02.36	+0000	+00	+00	0	1	1	0	2	0	130460
AFTER 6 MO	01.90	-0030	+08	-01	0	1	1	0	2	0	133737

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	11.44	8.51	7.77	8.92
CO	151.3	160.5	141.5	153.3
C2	418.8	394.9	349.8	387.4
NX	1.81	0.62	1.18	1.02

	IDLE	LO CR	HI CR	2500
HC	5367	5454	5891	
LH	776	776	783	
CO	2.65	4.72	7.52	
NX	088	628	406	
HS	700	640	620	550
CS	2.75	4.70	8.00	5.00

TEST C0370 DATE 9/19/73

DRY 72 WET 56 PRES 24.67

MPG 13.57

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	12.38	8.70	7.56	9.15
CO	191.8	188.9	161.0	181.8
C2	434.6	397.3	350.3	392.1
NX	1.49	0.51	1.03	0.86

	IDLE	LO CR	HI CR	2500
HC	4712	4939	6306	
LH	651	617	692	
CO	2.56	5.76	10.75	
NX	077	397	202	
HS	580	520	575	550
CS	2.50	5.70	20.00	6.60

TEST C0425 DATE 9/24/73

DRY 75 WET 51 PRES 24.48

MPG 12.61

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	11.03	8.48	7.66	8.79
CO	167.3	175.7	151.6	167.3
C2	432.2	403.2	352.1	395.1
NX	1.25	0.40	0.72	0.67

	IDLE	LO CR	HI CR	2500
HC	4510	5495	5899	
LH	507	553	543	
CO	1.59	4.44	6.90	
NX	073	416	312	
HS	480	500	460	560
CS	2.00	4.40	6.60	5.70

TEST C1075 DATE 3/25/74

DRY 70 WET 50 PRES 24.53

MPG 12.99

MAKE VOLKSWAGON MODEL SEDA YEAR 68 CYL. 4 CID 091 WEIGHT 2000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	08.90	-0260	+02	+00	0	1	1	C	2	0	050486
AFTER MAINT	10.20	+0050	+09	+00	0	1	1	0	2	0	050486
AFTER 6 MO	04.95	+0100	+03	+01	0	1	1	0	2	0	054367

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	11.67	19.72	10.70	15.53
CO	113.7	164.8	106.2	137.8
C2	250.0	202.7	207.3	213.9
NX	2.11	0.70	1.42	1.19

	IDLE	LO CR	HI CR	2500
HC	32148	6234	4715	
LH	2500	862	617	
CO	10.72	7.41	5.47	
NX	016	377	1307	
HS	2500	710	440	890
CS	20.00	8.10	5.60	20.00

TEST C0371 DATE 9/13/73

DRY 70 WET 52 PRES 24.68

MPG 18.57

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.43	16.23	10.11	13.11
CO	115.5	181.8	120.5	150.9
C2	260.8	217.0	228.4	229.3
NX	2.92	0.88	1.88	1.59

	IDLE	LO CR	HI CR	2500
HC	29266	4905	3770	
LH	2500	552	418	
CO	11.95	4.64	6.01	
NX	014	1513	1240	
HS	2500	530	340	2500
CS	20.00	4.70	6.10	20.00

TEST C0394 DATE 9/20/73

DRY 78 WET 56 PRES 24.58

MPG 17.54

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	3.72	2.26	2.66	2.68
CO	054.8	039.8	053.7	046.8
C2	305.4	290.9	255.3	284.1
NX	3.46	2.22	2.38	2.53

	IDLE	LO CR	HI CR	2500
HC	5109	3468	3114	
LH	466	333	252	
CO	4.98	2.85	3.56	
NX	065	1982	2067	
HS	400	300	220	490
CS	4.40	2.80	3.00	3.20

TEST C1071 DATE 3/20/74

DRY 69 WET 47 PRES 24.70

MPG 24.33

MAKE VOLKSWAGON MODEL SEDA YEAR 71 CYL. 4 CID 097 WEIGHT 2000 TRANS 4 EXH CTRL 1 EVAP CTRL 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.99	-0055	+00	+01	0	1	1	0	2	0	024425
AFTER MAINT	03.58	+0000	+00	+00	0	1	1	0	2	0	024425
AFTER 6 MO	03.06	+0400	-01	+00	0	1	1	0	2	0	027405

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	4.73	3.61	3.62	3.85
CO	060.4	073.8	053.9	065.5
C2	288.7	291.8	252.5	280.2
NX	3.02	1.49	2.48	2.09

	IDLE	LO CR	HI CR	2500
HC	4240	3281	2859	
LH	441	381	342	
CO	4.66	3.78	2.39	
NX	072	991	2298	
HS	335	270	210	160
CS	4.10	3.90	2.50	1.90

TEST C0385 DATE 9/20/73

DRY 71 WET 56 PRES 24.70

MPG 22.54

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.90	3.95	4.16	4.42
CO	076.9	072.2	056.9	068.9
C2	293.7	296.1	252.5	283.5
NX	2.62	1.46	2.36	1.95

	IDLE	LO CR	HI CR	2500
HC	4735	3429	2978	
LH	528	405	368	
CO	4.14	3.20	2.56	
NX	069	993	1872	
HS	330	235	210	135
CS	3.80	3.20	3.00	1.20

TEST C0436 DATE 9/25/73

DRY 70 WET 52 PRES 24.48

MPG 21.95

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.57	3.98	3.26	4.11
CO	066.8	070.4	052.0	064.5
C2	292.4	328.9	278.2	307.2
NX	3.17	2.19	2.86	2.58

	IDLE	LO CR	HI CR	2500
HC	4724	2895	2319	
LH	423	296	246	
CO	3.19	2.59	1.95	
NX	063	1597	2619	
HS	380	240	180	240
CS	3.00	2.80	1.60	4.00

TEST C1075 DATE 3/25/74

DRY 72 WET 53 PRES 24.53

MPG 21.13

MAKE OLDSMOBILE MODEL STAW YEAR 70 CYL. 8 CID 455 WEIGHT 4500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.50	-0005	-02	+01	2	2	1	0	2	0	033747
AFTER MAINT	01.50	-0005	-02	+01	2	2	1	0	2	0	033747
AFTER 6 MO	01.44	+0020	+02	-02	1	1	1	0	2	0	036400

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.69	4.89	4.41	5.13
CO	091.2	067.5	056.3	069.3
C2	734.8	698.9	630.9	687.5
NX	5.05	3.44	4.97	4.20

	IDLE	LO CR	HI CR	2500
HC	3004	3307	2903	
LH	277	383	311	
CO	1.60	1.60	1.03	
NX	080	1410	2172	
HS	180	240	162	080
CS	1.90	1.80	1.10	1.50

TEST C0387 DATE 9/20/73

DRY 71 WET 54 PRES 24.70

MPG 10.96

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.69	4.89	4.41	5.13
CO	091.2	067.5	056.3	069.3
C2	734.8	698.9	630.9	687.5
NX	5.05	3.44	4.97	4.20

	IDLE	LO CR	HI CR	2500
HC	3004	3307	2903	
LH	277	383	311	
CO	1.60	1.60	1.03	
NX	080	1410	2172	
HS	180	240	162	080
CS	1.90	1.80	1.10	1.50

TEST C0387 DATE 9/20/73

DRY 71 WET 54 PRES 24.70

MPG 10.96

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.16	4.60	4.00	4.76
CO	110.8	052.8	053.7	065.2
C2	680.2	701.7	591.8	666.7
NX	3.86	3.81	4.75	4.08

	IDLE	LO CR	HI CR	2500
HC	3188	3214	2774	
LH	266	257	190	
CO	1.59	1.30	1.07	
NX	100	1298	1837	
HS	220	200	140	060
CS	1.50	1.20	1.00	1.20

TEST C1068 DATE 3/18/74

DRY 72 WET 51 PRES 24.58

MPG 11.36

MAKE MERCURY MODEL COUG YEAR 69 CYL. 8 CID 351 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MTS	NOX	ODOM
AS RECEIVED	00.30	-0050	-06	+00	1	2	1	0	2	0	047191
AFTER MAINT	01.20	+0000	+00	+00	1	1	1	0	2	0	047191
AFTER 6 MO	01.70	+0075	+02	+00	1	1	1	0	2	0	049753

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.16	3.96	3.97	4.43
CO	053.8	020.1	019.7	027.0
C2	547.2	548.8	479.8	529.3
NX	5.54	4.36	5.94	5.05

	IDLE LO CR	HI CR	2500	
HC	2747	3523	3740	
LH	324	420	435	
CO	0.37	0.23	0.81	
NX	233	2387	3327	
HS	190	240	260	100
CS	0.45	0.25	0.85	0.45

TEST C0397 DATE 9/21/73

DRY 70 WET 55 PRES 24.56

MPG 15.20

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.93	4.62	4.57	5.09
CO	040.9	019.9	016.6	023.4
C2	558.2	535.4	478.6	524.4
NX	7.78	5.96	8.25	6.99

	IDLE LO CR	HI CR	2500	
HC	3362	4103	3980	
LH	315	596	536	
CO	1.37	0.18	0.54	
NX	092	2984	5013	
HS	190	285	285	100
CS	1.40	0.17	0.50	0.45

TEST C0451 DATE 9/26/73

DRY 71 WET 53 PRES 24.85

MPG 15.43

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.07	4.32	3.93	4.58
CO	054.5	029.4	022.5	032.8
C2	529.3	526.7	468.2	511.0
NX	5.38	4.57	5.74	5.07

	IDLE LO CR	HI CR	2500	
HC	3929	3669	3757	
LH	427	372	361	
CO	0.56	0.17	0.92	
NX	170	2895	3046	
HS	310	265	260	075
CS	1.60	0.18	0.90	0.40

TEST C1079 DATE 3/26/74

DRY 72 WET 56 PRES 24.63

MPG 15.44

MAKE VOLKSWAGON MODEL SEDA YEAR 70 CYL. 4 CID 097 WEIGHT 2000 TRANS 4 EXH CTRL 1 EVAP CTRL 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.20	-0060	+05	+00	0	1	1	0	2	0	012474
AFTER MAINT	06.74	+0000	+00	+00	0	1	1	0	2	0	012474
AFTER 6 MO	07.70	+0100	+00	+00	0	1	1	0	2	0	018485

	IG WS	COIL	SPRKS	AIR/F	A/C	F/NX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.35	6.21	5.28	5.77
CO	076.4	063.6	069.0	067.8
C2	301.3	339.3	255.4	308.1
NX	2.64	1.87	2.24	2.14

	IDLE	LO CR	HI CR	2500
HC	8898	2754	2993	
LH	745	265	307	
CO	4.45	1.61	3.06	
NX	051	1172	2276	
HS	200	205	210	180
CS	4.50	1.75	3.10	1.60

TEST C0413 DATE 9/24/73

DRY 72 WET 54 PRES 24.49

MPG 20.58

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.80	6.51	4.84	6.31
CO	098.3	073.6	072.5	078.5
C2	269.1	287.7	240.7	270.8
NX	1.92	1.40	1.59	1.56

	IDLE	LO CR	HI CR	2500
HC	14028	3520	3504	
LH	2242	706	674	
CO	8.92	2.11	4.08	
NX	033	928	1731	
HS	1350	210	210	300
CS	7.00	2.10	4.00	3.20

TEST C0468 DATE 9/27/73

DRY 70 WET 54 PRES 24.98

MPG 21.51

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.73	6.55	4.91	5.92
CO	069.1	081.4	063.8	073.9
C2	300.3	321.3	271.3	303.0
NX	2.33	1.57	1.92	1.83

	IDLE	LO CR	HI CR	2500
HC	13322	3008	2738	
LH	799	273	270	
CO	8.51	1.91	2.47	
NX	025	1130	2075	
HS	695	210	190	150
CS	8.80	2.00	2.40	2.90

TEST C1081 DATE 3/27/74

DRY 68 WET 50 PRES 24.62

MPG 20.34

MAKE VOLKSWAGON MODEL SEDA YEAR 66 CYL. 4 CID 078 WEIGHT 2000 TRANS 4 EXH CTRL 2 EVAP CTRL 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	09.30	+0465	+10	+00	0	1	1	0	2	0	048575
AFTER MAINT	04.30	+0325	+02	+00	0	1	1	0	2	0	048575
AFTER 6 MO	09.40	+0075	+01	+00	0	1	1	0	1	0	050552

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.37	12.27	8.16	10.31
CO	102.9	130.5	099.9	116.2
C2	246.6	251.5	233.3	245.4
NX	3.33	1.59	2.61	2.23

	IDLE	LO CR	HI CR	2500
HC	13235	4488	3831	
LH	1039	501	400	
CO	10.37	5.37	4.15	
NX	026	1365	2286	
HS	860	380	290	420
CS	9.20	5.20	4.00	7.60

TEST C0415 DATE 9/24/73

DRY 70 WET 57 PRES 24.51

MPG 19.34

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.22	8.25	5.42	7.25
CO	088.3	094.1	078.4	088.5
C2	248.1	236.0	205.8	230.2
NX	2.83	1.46	2.10	1.92

	IDLE	LO CR	HI CR	2500
HC	5467	4428	3633	
LH	504	508	445	
CO	4.92	6.54	3.96	
NX	056	635	2526	
HS	365	335	260	340
CS	4.90	6.20	3.80	5.50

TEST C0437 DATE 9/25/73

DRY 70 WET 52 PRES 24.48

MPG 22.71

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	13.11	16.21	11.15	14.16
CO	113.2	140.6	111.0	126.7
C2	221.7	238.9	214.6	228.6
NX	1.04	0.63	0.86	0.78

	IDLE	LO CR	HI CR	2500
HC	25579	6849	5716	
LH	1452	588	514	
CO	9.93	8.12	6.29	
NX	031	035	617	
HS	1900	550	420	550
CS	9.00	7.60	6.00	8.50

TEST C1083 DATE 3/28/74

DRY 69 WET 50 PRES 24.56

MPG 18.85

MAKE FORD MODEL MUST YEAR 66 CYL. 8 CID 289 WEIGHT 3000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	08.50	+0000	+01	+00	1	1	1	0	2	0	081058
AFTER MAINT	02.70	+0000	+00	+00	1	1	1	0	2	0	081058
AFTER 6 MO	05.10	+0000	+00	+00	1	1	1	0	1	0	087553

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	12.59	11.54	8.13	10.81
CO	152.1	151.3	087.0	133.6
C2	403.2	399.7	379.2	394.7
NX	1.87	1.60	2.78	1.98

	IDLE	LO CR	HI CR	2500
HC	8852	4350	3940	
LH	724	542	476	
CO	9.69	2.00	2.24	
NX	027	1308	1789	
HS	540	390	300	700
CS	9.10	2.10	2.20	4.20

TEST C0432 DATE 9/25/73

DRY 70 WET 53 PRES 24.49

MPG 13.94

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.95	6.82	5.21	7.03
CO	135.2	101.7	060.6	097.3
C2	390.5	424.5	374.3	403.5
NX	1.93	2.00	3.01	2.27

	IDLE	LO CR	HI CR	2500
HC	4062	4308	3977	
LH	529	618	556	
CO	3.12	1.45	1.63	
NX	083	1316	2561	
HS	325	365	285	500
CS	3.00	1.55	1.80	2.20

TEST C0452 DATE 9/26/73

DRY 69 WET 52 PRES 24.88

MPG 15.39

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	8.95	6.69	4.82	6.64
CO	143.5	116.8	069.7	109.4
C2	402.8	393.4	364.0	387.2
NX	1.43	1.01	1.60	1.26

	IDLE	LO CR	HI CR	2500
HC	12132	4674	4033	
LH	1455	464	369	
CO	5.13	1.98	2.39	
NX	050	907	1312	
HS	1050	325	240	310
CS	4.10	1.70	2.20	3.70

TEST C1080 DATE 3/26/74

DRY 76 WET 53 PRES 24.63

MPG 15.36

MAKE FORD MODEL STAW YEAR 65 CYL. 8 CID 289 WEIGHT 4500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.80	+0020	-03	+03	1	1	1	0	2	0	071092
AFTER MAINT	03.06	+0000	+00	+00	1	1	1	0	2	0	071092
AFTER 6 MO	05.70	+0050	+02	+00	1	1	1	0	2	0	073888

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	17.03	13.84	10.72	13.64
CO	190.7	155.8	132.6	156.7
C2	486.1	477.8	450.2	471.9
NX	2.11	1.99	2.54	2.17

	IDLE	LO CR	HI CR	2500
HC	6219	5411	5347	
LH	844	768	704	
CO	4.83	3.61	6.46	
NX	072	1000	445	
HS	770	600	470	520
CS	4.00	3.70	6.50	4.60

TEST C0427 DATE 9/25/73

DRY 72 WET 56 PRES 24.48

MPG 11.70

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	18.22	13.74	10.46	13.77
CO	199.3	143.6	115.9	147.6
C2	478.3	459.7	457.9	463.1
NX	2.45	2.22	3.64	2.66

	IDLE	LO CR	HI CR	2500
HC	7212	6154	4762	
LH	913	801	569	
CO	3.42	3.15	1.78	
NX	060	1347	2372	
HS	780	575	310	390
CS	3.60	3.40	1.90	4.40

TEST C0477 DATE 9/28/73

DRY 71 WET 55 PRES 24.86

MPG 12.06

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	15.05	12.40	8.65	11.91
CO	158.1	132.5	101.9	129.4
C2	456.7	457.7	425.1	448.5
NX	2.06	1.95	2.57	2.15

	IDLE	LO CR	HI CR	2500
HC	10236	6249	4494	
LH	1108	646	394	
CO	5.73	3.01	2.35	
NX	053	1086	1640	
HS	920	610	380	600
CS	5.20	3.00	2.20	4.10

TEST C1078 DATE 3/26/74

DRY 68 WET 49 PRES 24.63

MPG 12.92

MAKE CHEVROLET MODEL IMPA YEAR 64 CYL. 8 CID 283 WEIGHT 3500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.20	+0290	+12	-06	0	2	1	0	2	0	110629
AFTER MAINT	04.41	+0000	+00	+00	0	1	1	0	2	0	110629
AFTER 6 MO	05.10	+0075	+02	+01	0	1	1	0	1	0	112989

	IG	WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	17.08	14.01	11.81	14.04
CO	201.6	210.2	174.2	198.4
C2	354.4	334.9	309.4	331.9
NX	1.37	0.66	1.11	0.93

	IDLE	LO CR	HI CR	2500
HC	6684	6724	5890	
LH	847	807	717	
CO	3.91	7.34	6.08	
NX	127	414	833	
HS	670	680	540	1000
CS	3.30	7.40	6.00	9.00

TEST C0428 DATE 9/25/73

DRY 72 WET 51 PRES 24.58

MPG 12.95

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	16.24	12.20	10.03	12.44
CO	224.8	226.2	175.8	211.9
C2	372.9	329.8	308.3	332.8
NX	0.99	0.38	0.81	0.62

	IDLE	LO CR	HI CR	2500
HC	8481	6562	5307	
LH	801	748	602	
CO	5.65	9.06	5.82	
NX	049	143	677	
HS	550	420	350	650
CS	5.00	3.40	5.80	20.00

TEST C0478 DATE 9/28/73

DRY 70 WET 54 PRES 24.86

MPG 12.63

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	18.63	16.20	12.87	15.79
CO	221.1	256.1	189.4	230.3
C2	348.3	327.8	288.2	321.1
NX	0.75	0.31	0.59	0.48

	IDLE	LO CR	HI CR	2500
HC	11731	9241	8331	
LH	1239	968	847	
CO	6.13	8.70	5.73	
NX	048	122	424	
HS	720	775	750	1000
CS	4.60	8.00	5.40	20.00

TEST C1084 DATE 3/27/74

DRY 68 WET 50 PRES 24.56

MPG 12.16

MAKE CHEVROLET MODEL NOVA YEAR 72 CYL. 8 CID 350 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	02.80	-0010	+00	+01	1	2	1	1	2	0	021117
AFTER MAINT	03.92	+0000	+00	+00	1	1	1	1	2	0	021117
AFTER 6 MO	04.15	-0030	+00	+02	1	1	1	0	2	0	027773

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.90	4.96	4.63	5.28
CO	094.9	065.7	059.8	070.2
C2	555.9	546.3	477.1	529.1
NX	3.72	2.40	3.87	3.08

	IDLE LO CR	HI CR	2500	
HC	4411	4106	3577	
LH	556	541	483	
CO	2.94	2.01	0.98	
NX	101	1699	2638	
HS	395	350	270	185
CS	3.00	2.60	1.15	2.60

TEST C0443 DATE 9/26/73

DRY 70 WET 53 PRES 24.77

MPG 13.58

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.50	4.06	4.03	4.56
CO	129.9	074.7	067.0	084.1
C2	536.7	561.0	474.4	531.9
NX	2.21	1.70	2.61	2.06

	IDLE LO CR	HI CR	2500	
HC	4254	3621	3240	
LH	653	643	580	
CO	4.30	2.88	1.65	
NX	083	934	1748	
HS	210	160	110	085
CS	3.40	2.50	1.40	2.50

TEST C0596 DATE 10/10/73

DRY 72 WET 52 PRES 24.68

MPG 13.13

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.72	4.62	4.21	4.94
CO	118.1	077.8	067.2	083.3
C2	549.0	563.9	486.2	539.2
NX	2.17	1.62	2.46	1.97

	IDLE LO CR	HI CR	2500	
HC	4928	4310	3102	
LH	386	298	154	
CO	3.79	2.19	1.26	
NX	069	979	1642	
HS	1060	540	580	380
CS	2.70	1.20	0.90	1.70

TEST C1097 DATE 4/09/74

DRY 74 WET 56 PRES 24.33

MPG 12.99

MAKE CHRYSLER MODEL NEWP YEAR 72 CYL. 8 CID 400 WEIGHT 4500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	09.10	+0180	-02	+10	1	1	1	0	2	0	029493
AFTER MAINT	01.10	+0120	-10	+08	1	1	1	0	2	0	029493
AFTER 6 MO	01.60	-0020	-01	-01	1	1	1	0	2	0	032361

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	27.89	48.60	21.07	36.63
CO	265.8	394.3	230.8	322.1
C2	453.2	423.6	415.9	427.7
NX	1.28	0.51	1.50	0.95

	IDLE	LO CR	HI CR	2500
HC	12878	5268	4088	
LH	1037	722	568	
CO	11.37	7.72	5.63	
NX	020	270	771	
HS	730	415	270	2500
CS	9.50	7.80	5.60	20.00

TEST C0445 DATE 9/26/73

DRY 70 WET 56 PRES 24.77

MPG 8.49

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.66	4.21	4.54	5.02
CO	129.2	055.1	068.6	074.3
C2	567.2	586.4	501.9	558.9
NX	3.14	2.36	3.55	2.85

	IDLE	LO CR	HI CR	2500
HC	3036	3081	3239	
LH	313	353	344	
CO	1.20	0.38	2.30	
NX	073	1861	2206	
HS	120	180	115	065
CS	1.25	0.40	2.40	0.90

TEST C0480 DATE 9/28/73

DRY 70 WET 54 PRES 24.83

MPG 12.88

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.88	4.94	4.51	5.23
CO	129.8	058.7	071.2	077.1
C2	592.7	614.6	522.7	584.5
NX	2.76	2.24	3.50	2.70

	IDLE	LO CR	HI CR	2500
HC	2633	3517	3156	
LH	282	342	264	
CO	1.71	1.77	2.51	
NX	060	1401	1578	
HS	190	270	190	105
CS	1.59	1.70	2.50	1.75

TEST C1082 DATE 3/27/74

DRY 72 WET 52 PRES 24.62

MPG 12.33

MAKE CHEVROLET MODEL NOVA YEAR 73 CYL. 8 CID 307 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.16	-0200	+00	+01	1	1	1	0	2	1	017115
AFTER MAINT	02.12	+0000	+00	+00	1	1	1	0	2	1	017115
AFTER 6 MO	01.87	+0240	+01	-02	1	1	1	0	2	1	027457

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	PTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	4.08	2.50	2.49	2.83
CO	084.8	056.7	067.7	065.6
C2	599.2	562.6	471.6	545.0
NX	1.91	1.32	1.44	1.48

	IDLE	LO CR	HI CR	2500
HC	0898	1919	1319	
LH	197	303	266	
CO	1.62	2.21	2.67	
NX	049	546	556	
HS	020	040	030	020
CS	0.37	0.50	0.65	0.15

TEST C0708 DATE 10/22/73

DRY 70 WET 51 PRES 24.73

MPG 13.56

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.19	2.96	2.80	3.80
CO	122.4	051.1	059.9	068.5
C2	630.4	593.8	533.5	584.7
NX	1.84	1.84	2.09	1.91

	IDLE	LO CR	HI CR	2500
HC	3560	2567	1764	
LH	424	335	293	
CO	3.03	1.08	1.87	
NX	087	1045	849	
HS	175	110	080	065
CS	1.60	0.65	1.21	0.17

TEST C0615 DATE 10/11/73

DRY 74 WET 52 PRES 24.47

MPG 12.65

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	8.77	3.01	3.82	4.44
CO	160.4	079.4	103.0	102.9
C2	588.0	580.4	494.7	558.2
NX	1.82	1.37	1.39	1.47

	IDLE	LO CR	HI CR	2500
HC	3008	2655	2186	
LH	283	238	183	
CO	2.78	2.62	3.89	
NX	149	417	346	
HS	070	060	050	040
CS	0.80	0.70	1.10	0.30

TEST C1104 DATE 4/15/74

DRY 68 WET 49 PRES 24.43

MPG 12.14

MAKE FORD MODEL GALA YEAR 68 CYL. 8 CID 302 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.70	-0020	+04	+00	1	1	1	0	2	0	076747
AFTER MAINT	06.72	+0000	+00	+00	1	1	1	0	2	0	076747
AFTER 6 MO	02.16	+0070	+05	+01	1	1	1	0	1	0	081861

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.89	5.66	5.60	6.32
CO	090.5	066.7	057.2	069.1
C2	585.8	535.0	488.1	532.6
NX	7.19	6.09	7.55	6.73

	IDLE	LO CR	HI CR	2500
HC	6014	3294	3960	
LH	791	591	616	
CO	7.17	0.42	5.67	
NX	064	3619	861	
HS	550	235	265	2500
CS	7.20	0.55	5.40	1.10

TEST C0456 DATE 9/27/73

DRY 74 WET 53 PRES 25.06

MPG 13.47

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	14.87	4.53	4.77	6.76
CO	188.3	081.2	071.5	100.9
C2	555.6	529.7	471.8	519.1
NX	3.00	3.23	4.03	3.41

	IDLE	LO CR	HI CR	2500
HC	4391	2572	3585	
LH	501	441	526	
CO	7.38	0.57	6.02	
NX	067	1861	604	
HS	210	110	150	080
CS	6.00	0.50	5.10	1.10

TEST C0599 DATE 10/10/73

DRY 71 WET 52 PRES 24.66

MPG 12.74

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.99	5.46	6.14	5.97
CO	132.9	058.8	094.8	084.3
C2	503.2	491.8	430.0	477.0
NX	3.81	5.04	4.52	4.64

	IDLE	LO CR	HI CR	2500
HC	7940	3464	5328	
LH	744	334	453	
CO	2.24	0.30	7.88	
NX	088	3150	012	
HS	280	120	120	200
CS	1.10	0.10	2.60	0.20

TEST C1102 DATE 4/11/74

DRY 73 WET 52 PRES 24.20

MPG 14.18

MAKE CHEVROLET MODEL NOVA YEAR 68 CYL. 8 CID 307 WEIGHT 3000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.80	-0060	+08	-05	1	1	1	0	2	0	042449
AFTER MAINT	05.57	+0000	+00	+00	1	1	1	0	2	0	042449
AFTER 6 MO	05.43	+0000	+02	+00	2	1	1	0	2	0	045570

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.27	7.34	5.60	7.05
CO	108.6	096.2	072.7	092.3
C2	431.6	403.1	366.9	399.0
NX	3.45	2.69	3.48	3.07

	IDLE LO CR	HI CR	2500	
HC	6918	4425	4354	
LH	1109	755	704	
CO	7.35	2.29	2.99	
NX	065	1765	1959	
HS	740	390	330	340
CS	7.00	2.50	3.00	2.50

TEST C0457 DATE 9/27/73

DRY 70 WET 54 PRES 25.06

MPG 15.73

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.67	5.56	5.02	5.64
CO	120.1	100.0	097.5	103.5
C2	445.9	438.1	385.3	425.1
NX	2.42	1.70	2.37	2.04

	IDLE LO CR	HI CR	2500	
HC	4946	3670	3577	
LH	625	508	483	
CO	6.09	2.96	3.68	
NX	085	1276	1375	
HS	295	175	155	150
CS	5.55	2.50	3.20	2.60

TEST C0602 DATE 10/11/73

DRY 70 WET 53 PRES 24.48

MPG 14.71

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.69	5.59	5.33	5.75
CO	119.5	088.6	087.8	094.8
C2	420.8	406.1	390.1	404.7
NX	2.23	2.05	2.65	2.25

	IDLE LO CR	HI CR	2500	
HC	7134	4593	4475	
LH	684	456	404	
CO	5.33	1.82	3.03	
NX	083	1384	1378	
HS	520	360	300	210
CS	4.80	1.80	3.40	2.00

TEST C1095 DATE 4/09/74

DRY 58 WET 48 PRES 24.51

MPG 15.58

MAKE TOYOTA MODEL CORO YEAR 71 CYL. 4 CID 071 WEIGHT 2000 TRANS 4 EXH CTRL 1 EVAP CTRL 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.10	+0210	+00	-11	0	1	1	0	2	0	029881
AFTER MAINT	01.16	+0010	+00	+00	0	1	1	0	2	0	029881
AFTER 6 MO	03.10	+0025	-01	+00	0	1	1	0	2	0	034267

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	?

AS RECEIVED

	CT	CS	HT	1975
HC	5.69	6.12	4.04	5.45
CO	046.8	058.2	037.5	050.1
C2	319.8	347.4	279.3	322.7
NX	3.94	1.63	3.10	2.52

	IDLE	LO CR	HI CR	2500
HC	5422	4281	4556	
LH	766	646	761	
CO	4.58	2.21	1.62	
NX	073	851	3950	
HS	365	230	270	165
CS	4.30	2.00	1.40	2.90

TEST C0469 DATE 9/28/73

DRY 76 WET 57 PRES 24.88

MPG 21.28

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.47	3.50	3.38	3.67
CO	038.3	034.8	032.6	034.9
C2	280.0	319.9	247.0	291.3
NX	2.98	1.26	2.24	1.89

	IDLE	LO CR	HI CR	2500
HC	4151	4171	4441	
LH	478	485	591	
CO	1.26	2.80	1.85	
NX	076	414	2942	
HS	340	265	350	300
CS	1.30	2.90	2.00	7.00

TEST C0494 DATE 10/01/73

DRY 75 WET 56 PRES 24.70

MPG 24.89

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	4.02	3.54	3.00	3.49
CO	047.0	046.0	041.3	044.9
C2	265.8	284.3	232.2	266.0
NX	2.30	1.19	1.80	1.59

	IDLE	LO CR	HI CR	2500
HC	12374	4283	3750	
LH	1446	356	344	
CO	3.31	3.96	2.35	
NX	057	521	2804	
HS	1209	950	250	160
CS	3.00	3.80	2.20	3.10

TEST C1093 DATE 4/05/74

DRY 70 WET 50 PRES 24.81

MPG 25.63

MAKE VOLKSWAGON MODEL SEDA YEAR 70 CYL. 4 CID 097 WEIGHT 2000 TRANS 4 EXH CTRL 1 EVAP CTRL 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.10	-0100	+04	-07	0	1	1	0	2	0	048300
AFTER MAINT	04.95	+0000	+04	+00	0	1	1	0	2	0	048300
AFTER 6 MO	00.30	+0300	+01	+00	0	1	1	0	2	0	053486

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.62	5.49	3.68	5.02
CO	081.7	040.4	040.4	049.1
C2	292.6	328.8	276.7	306.8
NX	3.97	3.74	4.40	3.97

	IDLE	LO CR	HI CR	2500
HC	14291	3744	3159	
LH	2500	526	509	
CO	6.00	0.89	1.74	
NX	035	2479	4267	
HS	2500	220	200	350
CS	5.00	0.90	1.70	0.55

TEST C0470 DATE 9/28/73

DRY 70 WET 55 PRES 24.85

MPG 22.28

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.34	3.65	3.24	3.89
CO	082.2	060.4	064.3	066.1
C2	265.6	304.1	248.2	280.5
NX	2.01	1.49	1.64	1.64

	IDLE	LO CR	HI CR	2500
HC	5145	2209	2353	
LH	594	408	442	
CO	5.56	1.32	2.06	
NX	066	933	2389	
HS	330	130	140	200
CS	5.30	1.25	1.90	2.00

TEST C0495 DATE 10/01/73

DRY 74 WET 56 PRES 24.70

MPG 22.46

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	3.99	2.51	2.16	2.72
CO	063.4	033.0	029.9	038.5
C2	325.5	349.5	297.6	330.1
NX	3.74	3.00	3.39	3.26

	IDLE	LO CR	HI CR	2500
HC	1215	1451	1695	
LH	173	170	191	
CO	0.33	0.15	0.35	
NX	096	1706	3540	
HS	110	090	110	130
CS	0.32	0.17	0.40	0.20

TEST C1087 DATE 4/01/74

DRY 70 WET 52 PRES 24.45

MPG 22.31

MAKE FORD MODEL LTD YEAR 73 CYL. 8 CID 351 WEIGHT 4500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.60	-0155	+10	+00	1	1	1	0	2	1	004725
AFTER MAINT	00.39	+0000	+00	+00	1	1	1	0	2	1	004725
AFTER 6 MO	01.00	+0050	-01	+00	1	1	1	0	2	1	006647

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.29	4.48	3.99	4.72
CO	134.7	078.8	079.1	090.6
C2	659.0	661.6	537.5	626.6
NX	2.09	1.92	2.00	1.98

	IDLE	LO CR	HI CR	2500
HC	2763	3607	3176	
LH	354	508	451	
CO	0.62	2.18	2.16	
NX	184	1826	1154	
HS	140	220	165	110
CS	0.70	2.20	2.10	3.10

TEST C0482 DATE 10/01/73

DRY 70 WET 54 PRES 24.74

MPG 11.36

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.09	3.86	4.07	4.39
CO	115.6	075.7	073.7	083.5
C2	659.9	694.1	566.0	651.4
NX	1.90	1.86	1.81	1.85

	IDLE	LO CR	HI CR	2500
HC	2041	3086	2832	
LH	565	643	596	
CO	0.44	1.60	1.80	
NX	086	1004	982	
HS	080	130	115	060
CS	0.39	1.70	1.70	2.60

TEST C0525 DATE 10/03/73

DRY 69 WET 56 PRES 24.82

MPG 11.18

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.12	4.31	4.10	4.63
CO	123.3	077.2	078.5	087.2
C2	706.6	699.2	598.5	672.8
NX	1.60	1.52	1.49	1.53

	IDLE	LO CR	HI CR	2500
HC	2350	2861	2831	
LH	235	263	259	
CO	1.03	1.85	2.37	
NX	117	775	799	
HS	165	140	170	095
CS	1.10	1.80	2.35	3.40

TEST C1086 DATE 4/01/74

DRY 76 WET 50 PRES 24.48

MPG 10.80

MAKE PLYMOUTH MODEL DUST YEAR 73 CYL. 6 CID 225 WEIGHT 3000 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.60	+0030	+01	+00	1	2	1	1	2	1	008056
AFTER MAINT	00.60	+0030	+01	+00	1	2	1	1	2	1	008056
AFTER 6 MO	01.60	-0100	+00	+00	1	1	1	1	2	1	010159

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.02	2.90	3.89	3.62
CO	096.3	033.7	049.6	051.2
C2	420.3	458.6	402.0	434.9
NX	2.52	3.21	3.17	3.05

	IDLE	LO CR	HI CR	2500
HC	2747	2723	3908	
LH	340	412	543	
CO	0.72	0.19	6.19	
NX	299	2095	601	
HS	170	165	280	095
CS	0.60	0.18	6.20	0.25

TEST C0498 DATE 10/02/73

DRY 69 WET 54 PRES 24.67

MPG 16.91

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.02	2.90	3.89	3.62
CO	096.3	033.7	049.6	051.2
C2	420.3	458.6	402.0	434.9
NX	2.52	3.21	3.17	3.05

	IDLE	LO CR	HI CR	2500
HC	2747	2723	3908	
LH	340	412	543	
CO	0.72	0.19	6.19	
NX	299	2095	601	
HS	170	165	280	095
CS	0.60	0.18	6.20	0.25

TEST C0498 DATE 10/02/73

DRY 69 WET 54 PRES 24.67

MPG 16.91

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.25	3.35	3.29	3.94
CO	132.6	047.0	053.3	066.7
C2	410.0	448.2	376.3	420.3
NX	1.37	1.94	3.88	2.36

	IDLE	LO CR	HI CR	2500
HC	3035	3097	4753	
LH	305	285	428	
CO	1.83	0.70	7.76	
NX	209	3215	356	
HS	225	210	315	100
CS	1.70	0.60	7.20	0.25

TEST C1091 DATE 4/04/74

DRY 70 WET 50 PRES 24.71

MPG 16.57

MAKE CHEVRCLET MODEL CHE2 YEAR 67 CYL. 6 CID 194 WEIGHT 3000 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.70	+0050	-02	+00	1	1	1	0	2	0	022266
AFTER MAINT	07.20	+0140	+00	+00	1	1	1	0	2	0	022266
AFTER 6 MO	08.70	+0500	-04	+00	1	1	1	0	1	0	024954

	TG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	1	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	19.08	14.67	11.88	14.82
CO	128.2	162.6	102.8	138.8
C2	318.4	282.3	289.3	291.8
NX	1.84	0.81	2.02	1.36

	IDLE	LO CR	HI CR	2500
HC	6564	4482	5427	
LH	648	607	694	
CO	7.54	3.96	8.93	
NX	041	703	203	
HS	500	420	475	720
CS	6.90	4.00	8.10	6.60

TEST C0499 DATE 10/02/73

DRY 69 WET 54 PRES 24.67

MPG 16.00

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	19.26	14.13	11.02	14.34
CO	146.0	170.3	119.7	151.2
C2	329.8	311.8	276.3	305.7
NX	1.81	1.14	1.50	1.38

	IDLE	LO CR	HI CR	2500
HC	6389	4656	5366	
LH	776	760	842	
CO	8.11	2.79	9.15	
NX	050	1606	178	
HS	320	300	330	285
CS	7.60	3.00	2.40	4.10

TEST C0527 DATE 10/03/73

DRY 69 WET 56 PRES 24.81

MPG 15.13

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	12.58	11.49	8.11	10.78
CO	123.6	158.9	110.3	138.1
C2	339.7	325.4	275.3	314.5
NX	1.57	0.86	1.47	1.18

	IDLE	LO CR	HI CR	2500
HC	9070	5574	6983	
LH	516	446	547	
CO	8.97	2.69	9.12	
NX	039	1815	831	
HS	425	390	420	400
CS	8.70	2.70	8.70	5.10

TEST C1088 DATE 4/02/74

DRY 70 WET 50 PRES 24.41

MPG 15.75

MAKE CHEVROLET MODEL CAPR YEAR 71 CYL. 8 CID 400 WEIGHT 4500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.45	+0290	+04	+00	1	1	1	0	2	0	036250
AFTER MAINT	00.45	+0000	+00	+00	1	1	1	0	2	0	036250
AFTER 6 MO	02.30	+0010	+00	+00	1	1	1	0	2	0	042024

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	PPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.35	4.48	4.44	4.86
CO	083.0	035.2	051.0	049.6
C2	689.6	700.6	624.1	677.1
NX	6.29	5.03	6.57	5.72

	IDLE	LO CR	HI CR	2500
HC	2890	2873	3035	
LH	350	359	373	
CO	0.41	0.52	1.60	
NX	416	2584	2323	
HS	210	160	160	075
CS	0.45	0.50	1.70	1.60

TEST C0513 DATE 10/03/73

DRY 75 WET 55 PRES 24.71

MPG 11.56

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.13	3.76	3.84	4.28
CO	099.1	035.1	054.0	053.8
C2	594.5	619.6	541.5	592.7
NX	4.83	4.18	5.18	4.59

	IDLE	LO CR	HI CR	2500
HC	3108	2584	2833	
LH	655	594	583	
CO	0.50	0.21	1.65	
NX	111	2362	2528	
HS	215	140	150	090
CS	0.50	0.20	1.60	1.80

TEST C0570 DATE 10/08/73

DRY 72 WET 48 PRES 24.42

MPG 12.90

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	7.53	5.22	5.18	5.69
CO	108.0	053.0	074.4	070.4
C2	712.4	655.9	603.5	653.2
NX	5.51	4.38	5.46	4.91

	IDLE	LO CR	HI CR	2500
HC	4153	3073	2813	
LH	435	266	220	
CO	2.28	0.44	1.36	
NX	121	2521	2585	
HS	380	200	160	050
CS	2.30	0.49	1.50	0.65

TEST C1090 DATE 4/04/74

DRY 70 WET 50 PRES 24.71

MPG 11.39

VEH. NO. 197

MAKE FORD MODEL PINT YEAR 72 CYL. 4 CID 122 WEIGHT 2250 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.10	+0310	+00	-04	1	1	1	0	2	0	011175
AFTER MAINT	06.10	+0310	+00	-04	1	1	1	0	2	0	011175
AFTER 6 MO	06.50	+0000	+00	+10	1	1	1	0	2	0	013995

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.75	4.73	5.93	5.28
CO	104.2	071.5	078.3	080.2
C2	322.6	321.2	304.5	316.8
NX	3.08	2.85	3.33	3.03

	IDLE LO CR	HI CR	2500
HC	4686	4517	5152
LH	769	769	831
CO	6.81	1.74	7.85
NX	086	2068	717
HS	260	250	300 250
CS	6.10	1.50	7.10 5.00

TEST C0530 DATE 10/04/73

DRY 69 WET 54 PRES 24.94

MPG 19.38

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.75	4.73	5.93	5.28
CO	104.2	071.5	078.3	080.2
C2	322.6	321.2	304.5	316.8
NX	3.08	2.85	3.33	3.03

	IDLE LO CR	HI CR	2500
HC	4686	4517	5152
LH	769	769	831
CO	6.81	1.74	7.85
NX	086	2068	717
HS	260	250	300 250
CS	6.10	1.50	7.10 5.00

TEST C0530 DATE 10/04/73

DRY 69 WET 54 PRES 24.94

MPG 19.38

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.75	5.06	4.04	5.13
CO	130.2	090.6	082.3	096.6
C2	310.7	307.0	264.5	296.0
NX	1.72	1.66	1.74	1.69

	IDLE LO CR	HI CR	2500
HC	5367	5514	6820
LH	406	447	512
CO	6.42	2.33	8.08
NX	075	1460	600
HS	280	325	360 300
CS	5.80	2.20	7.40 4.50

TEST C1089 DATE 4/02/74

DRY 73 WET 51 PRES 24.11

MPG 19.20

MAKE CHEVROLET MODEL NOVA YEAR 72 CYL. 8 CID 307 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.75	+0080	+02	+03	2	1	1	0	1	0	015710
AFTER MAINT	01.93	+0000	+00	+00	1	1	1	0	2	0	015710
AFTER 6 MO	06.72	-0020	+00	+00	1	1	1	0	1	0	020005

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	9.90	7.78	6.94	7.99
CO	160.4	117.7	109.4	124.3
C2	498.3	516.6	447.1	493.5
NX	1.64	1.61	1.76	1.66

	IDLE	LO CR	HI CR	2500
HC	6233	4756	5561	
LH	1231	891	1001	
CO	6.45	1.47	4.12	
NX	082	1133	839	
HS	570	270	420	160
CS	5.80	1.30	3.60	1.30

TEST C0531 DATE 10/04/73

DRY 70 WET 54 PRES 24.94

MPG 12.47

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.53	5.57	5.68	6.43
CO	174.8	068.7	106.8	101.5
C2	528.5	563.5	450.0	524.7
NX	0.98	1.53	1.33	1.36

	IDLE	LO CR	HI CR	2500
HC	4551	4327	6108	
LH	628	566	783	
CO	2.16	2.56	10.29	
NX	149	906	141	
HS	315	225	355	115
CS	1.40	2.30	9.00	2.10

TEST C0582 DATE 10/09/73

DRY 71 WET 53 PRES 24.37

MPG 12.64

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	7.17	6.61	5.42	6.39
CO	135.2	109.1	101.1	112.3
C2	472.7	490.3	422.3	467.8
NX	1.30	1.57	1.50	1.50

	IDLE	LO CR	HI CR	2500
HC	7410	3992	6974	
LH	702	323	584	
CO	7.03	0.96	9.49	
NX	060	1016	121	
HS	460	260	380	130
CS	4.80	1.40	6.80	1.20

TEST C1096 DATE 4/09/74

DRY 70 WET 52 PRES 24.51

MPG 13.41

MAKE CADILLAC MODEL FLEE YEAR 65 CYL. 8 CID 429 WEIGHT 5500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.30	-0420	+00	+00	1	1	1	0	2	0	053146
AFTER MAINT	06.30	-0420	+00	+00	1	1	1	0	2	0	053146
AFTER 6 MO	03.50	-0430	+01	+00	1	1	1	0	2	0	055816

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	15.66	14.97	9.79	13.67
CO	211.0	172.2	139.8	171.3
C2	646.8	555.8	511.6	562.6
NX	4.28	2.70	3.62	3.29

	IDLE	LO CR	HI CR	2500
HC	11533	4733	4078	
LH	1289	823	724	
CO	7.03	4.48	4.92	
NX	035	1086	1122	
HS	170	340	260	270
CS	6.50	4.30	4.70	4.70

TEST C0548 DATE 10/05/73

DRY 71 WET 55 PRES 24.84

MPG 10.18

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	15.66	14.97	9.79	13.67
CO	211.0	172.2	139.8	171.3
C2	646.8	555.8	511.6	562.6
NX	4.28	2.70	3.62	3.29

	IDLE	LO CR	HI CR	2500
HC	11533	4733	4078	
LH	1289	823	724	
CO	7.03	4.48	4.92	
NX	035	1086	1122	
HS	170	340	260	270
CS	6.50	4.30	4.70	4.70

TEST C0548 DATE 10/05/73

DRY 71 WET 55 PRES 24.84

MPG 10.18

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.57	5.46	5.04	5.57
CO	124.1	124.2	104.1	118.6
C2	520.1	500.8	461.7	494.0
NX	2.43	1.81	2.27	2.07

	IDLE	LO CR	HI CR	2500
HC	4177	4561	3705	
LH	410	471	352	
CO	4.05	3.99	4.38	
NX	054	952	1089	
HS	300	380	280	310
CS	3.60	4.00	4.40	4.50

TEST C1092 DATE 4/05/74

DRY 70 WET 50 PRES 24.81

MPG 12.76

MAKE VOLKSWAGON MODEL SQBK YEAR 72 CYL. 4 CID 097 WEIGHT 2500 TRANS 4 EXH CTRL 1 EVAP CTRL 1 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	02.90	+0160	+05	-01	0	1	0	0	2	0	011511
AFTER MAINT	02.90	+0160	+05	-01	0	1	0	0	2	0	011511
AFTER 6 MO	01.30	+0200	+00	+00	0	1	1	0	2	0	013864

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	PTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.50	5.27	3.70	5.09
CO	042.3	040.1	021.6	035.4
C2	346.2	377.2	319.4	354.7
NX	5.20	3.25	4.63	4.04

	IDLE	LO CR	HI CR	2500
HC	2964	0999	1319	
LH	445	433	465	
CO	3.03	0.20	0.14	
NX	099	1083	3501	
HS	115	070	080	110
CS	2.90	0.08	0.08	2.40

TEST C0557 DATE 10/08/73

DRY 69 WET 49 PRES 24.46

MPG 20.89

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.50	5.27	3.70	5.09
CO	042.3	040.1	021.6	035.4
C2	346.2	377.2	319.4	354.7
NX	5.20	3.25	4.63	4.04

	IDLE	LO CR	HI CR	2500
HC	2964	0999	1319	
LH	445	433	465	
CO	3.03	0.20	0.14	
NX	099	1083	3501	
HS	115	070	080	110
CS	2.90	0.08	0.08	2.40

TEST C0557 DATE 10/08/73

DRY 69 WET 49 PRES 24.46

MPG 20.89

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	4.99	3.36	2.59	3.49
CO	042.6	027.0	025.9	030.0
C2	323.1	373.4	342.1	354.2
NX	3.18	2.47	3.08	2.79

	IDLE	LO CR	HI CR	2500
HC	1420	0509	0669	
LH	127	085	094	
CO	1.41	0.15	0.14	
NX	112	709	2220	
HS	085	040	045	300
CS	1.50	0.16	0.14	0.42

TEST C1094 DATE 4/08/74

DRY 71 WET 50 PRES 24.82

MPG 21.60

MAKE DATSUN MODEL 510 YEAR 71 CYL. 4 CID 097 WEIGHT 2000 TRANS 4 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.50	-0200	-04	-07	0	2	1	0	2	0	027615
AFTER MAINT	02.45	+0000	-05	-03	0	2	1	0	2	0	027615
AFTER 6 MO	02.26	+0030	+00	+00	0	1	1	0	2	0	030858

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	4.28	4.65	3.94	4.37
CO	036.2	047.7	036.8	042.2
C2	343.2	338.4	282.3	323.9
NX	4.83	2.90	4.01	3.61

	IDLE	LO CR	HI CR	2500
HC	8242	3907	3354	
LH	822	787	672	
CO	4.78	2.36	1.00	
NX	024	2507	3800	
HS	270	190	165	230
CS	3.50	1.65	0.80	0.65

TEST C0558 DATE 10/08/73

DRY 69 WET 49 PRES 24.45

MPG 22.04

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	8.41	3.26	3.36	4.36
CO	064.3	042.0	042.0	046.6
C2	331.6	337.2	285.6	321.7
NX	4.06	2.20	3.35	2.91

	IDLE	LO CR	HI CR	2500
HC	4352	3821	3302	
LH	393	551	494	
CO	3.31	2.76	1.04	
NX	039	2221	4108	
HS	130	150	150	290
CS	2.50	1.80	0.80	0.70

TEST C0586 DATE 10/09/73

DRY 70 WET 52 PRES 24.39

MPG 21.79

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.65	2.85	3.24	3.75
CO	056.2	044.0	039.2	045.2
C2	339.3	360.7	298.0	338.8
NX	5.14	2.47	3.90	3.43

	IDLE	LO CR	HI CR	2500
HC	3968	3535	1167	
LH	351	348	152	
CO	2.25	2.30	0.77	
NX	043	1922	1729	
HS	380	140	080	800
CS	2.80	2.40	0.20	3.00

TEST C1099 DATE 4/10/74

DRY 73 WET 52 PRES 24.10

MPG 21.12

MAKE PLYMOUTH MODEL FURY YEAR 70 CYL. 8 CID 318 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	02.80	+0060	+10	-10	1	2	1	0	1	0	063652
AFTER MAINT	03.29	+0000	+00	+00	1	1	1	0	2	0	063652
AFTER 6 MO	03.68	+0000	-03	+00	1	1	1	0	2	0	063788

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	33.83	26.66	29.43	28.93
CO	152.1	110.6	117.0	121.0
C2	516.2	490.3	444.2	483.0
NX	4.03	3.33	3.55	3.54

	IDLE	LO CR	HI CR	2500
HC	13683	5991	13655	
LH	2500	1146	2500	
CO	3.58	3.23	7.52	
NX	185	1458	460	
HS	2500	600	1900	2500
CS	2.80	2.90	6.10	1.50

TEST C0573 DATE 10/09/73

DRY 74 WET 53 PRES 24.39

MPG 11.65

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.05	4.42	4.27	4.93
CO	162.0	094.0	105.4	111.4
C2	517.6	587.7	513.1	573.3
NX	2.56	2.34	2.71	2.49

	IDLE	LO CR	HI CR	2500
HC	3338	3708	3315	
LH	324	418	371	
CO	3.51	5.02	3.78	
NX	144	648	1224	
HS	225	270	190	170
CS	3.60	5.00	3.80	3.60

TEST C0627 DATE 10/12/73

DRY 70 WET 49 PRES 24.52

MPG 11.66

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	7.27	5.30	5.16	5.67
CO	167.9	135.6	133.3	141.7
C2	532.7	529.4	462.4	511.5
NX	1.06	1.68	2.15	1.68

	IDLE	LO CR	HI CR	2500
HC	3574	3706	3486	
LH	247	243	191	
CO	3.61	2.92	3.83	
NX	085	815	349	
HS	260	240	140	130
CS	2.10	1.80	1.90	1.20

TEST C1100 DATE 4/11/74

DRY 68 WET 50 PRES 24.20

MPG 11.84

MAKE FORD MODEL MUST YEAR 67 CYL. 8 CID 289 WEIGHT 3000 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	09.85	-0250	-02	+02	1	1	1	0	2	0	051835
AFTER MAINT	09.85	+0000	+00	+00	1	1	1	0	2	0	051835
AFTER 6 MO	10.25	-0150	+00	+00	1	1	1	0	2	0	054950

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	1	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	16.37	16.63	12.00	15.29
CO	173.1	181.1	130.7	165.4
C2	302.0	292.7	296.0	295.6
NX	0.85	0.52	1.25	0.79

	IDLE	LO CR	HI CR	2500
HC	16921	4953	4627	
LH	1368	901	873	
CO	10.35	4.37	4.05	
NX	017	917	1250	
HS	740	335	320	450
CS	20.00	4.00	3.80	5.00

TEST C0572 DATE 10/08/73

DRY 72 WET 48 PRES 24.42

MPG 14.75

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	13.12	13.76	8.34	12.12
CO	149.2	161.4	100.0	141.8
C2	294.0	294.5	295.7	294.7
NX	1.34	0.81	1.69	1.16

	IDLE	LO CR	HI CR	2500
HC	11647	4823	4471	
LH	1352	737	687	
CO	10.58	4.65	5.23	
NX	026	615	960	
HS	920	480	420	560
CS	9.00	4.00	3.60	4.60

TEST C0720 DATE 10/22/73

DRY 77 WET 53 PRES 24.80

MPG 16.02

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	14.96	17.08	12.41	15.34
CO	073.9	084.3	106.9	088.4
C2	327.2	331.4	291.1	319.3
NX	1.13	0.92	1.47	1.12

	IDLE	LO CR	HI CR	2500
HC	20565	5715	4948	
LH	977	611	507	
CO	9.48	4.13	3.49	
NX	014	576	1436	
HS	500	500	380	600
CS	20.00	4.40	4.00	5.20

TEST C1113 DATE 4/18/74

DRY 72 WET 51 PRES 24.80

MPG 17.57

MAKE CHEVROLET MODEL STAW YEAR 66 CYL. 8 CID 283 WEIGHT 4000 TRANS 3 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.70	+0000	+02	+00	1	1	1	0	2	0	061637
AFTER MAINT	05.70	+0000	+02	+00	1	1	1	0	2	0	061637
AFTER 6 MO	03.83	+0350	+06	+00	1	1	1	0	2	0	067976

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	13.45	15.88	11.48	14.15
CO	145.9	174.6	138.8	158.7
C2	463.6	550.2	450.7	504.5
NX	2.32	2.15	2.51	2.28

	IDLE	LO CR	HI CR	2500
HC	10189	5621	5548	
LH	1391	1005	989	
CO	6.06	4.58	7.32	
NX	037	941	432	
HS	570	350	335	375
CS	5.30	4.00	6.60	5.90

TEST C0574 DATE 10/09/73

DRY 71 WET 53 PRES 24.39

MPG 11.15

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	13.45	15.88	11.48	14.15
CO	145.9	174.6	138.8	158.7
C2	463.6	550.2	450.7	504.5
NX	2.32	2.15	2.51	2.28

	IDLE	LO CR	HI CR	2500
HC	10189	5621	5548	
LH	1391	1005	989	
CO	6.06	4.58	7.32	
NX	037	941	432	
HS	570	350	335	375
CS	5.30	4.00	6.60	5.90

TEST C0574 DATE 10/09/73

DRY 71 WET 53 PRES 24.39

MPG 11.15

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	12.12	11.29	8.42	10.67
CO	156.6	159.1	121.0	148.0
C2	472.4	475.9	417.8	459.1
NX	2.94	2.11	2.92	2.51

	IDLE	LO CR	HI CR	2500
HC	9627	5358	4711	
LH	691	426	394	
CO	3.85	3.79	3.48	
NX	034	1047	1140	
HS	380	240	210	280
CS	2.60	2.60	2.50	2.40

TEST C1098 DATE 4/10/74

DRY 72 WET 52 PRES 24.10

MPG 12.28

MAKE PONTIAC MODEL CATA YEAR 66 CYL. 8 CID 389 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.30	-0060	-03	+00	2	1	1	0	2	0	046086
AFTER MAINT	01.43	+0000	+00	+00	1	1	1	0	2	0	046086
AFTER 6 MO	05.93	+0020	-04	+02	1	1	1	0	2	0	048414

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	PTR	DST CAP	PPV
TAMP. 6 MO	2	2	2	2	1	2	2	1	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	10.70	7.20	6.21	7.66
CO	167.1	103.3	086.7	112.0
C2	490.3	477.5	444.4	471.0
NX	2.83	1.69	3.43	2.41

	IDLE	LO CR	HI CR	2500
HC	5654	4099	3940	
LH	895	776	735	
CO	3.64	1.42	2.44	
NX	058	1739	2018	
HS	400	245	210	200
CS	3.20	1.30	2.10	2.80

TEST C0575 DATE 10/09/73

DRY 71 WET 53 PRES 24.40

MPG 13.27

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	17.54	5.25	4.62	7.65
CO	193.9	088.6	081.6	108.7
C2	487.2	480.9	502.6	488.2
NX	2.50	1.76	3.21	2.32

	IDLE	LO CR	HI CR	2500
HC	11074	2919	2312	
LH	000	182	308	
CO	3.87	2.43	0.85	
NX	095	927	2179	
HS	400	340	190	220
CS	3.80	2.10	0.90	1.50

TEST C0722 DATE 10/22/73

DRY 74 WET 52 PRES 24.80

MPG 13.04

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	10.06	9.24	6.32	8.60
CO	130.1	144.3	107.8	131.2
C2	533.7	509.8	479.4	506.4
NX	2.55	1.61	2.72	2.11

	IDLE	LO CR	HI CR	2500
HC	7857	4454	3710	
LH	699	456	351	
CO	5.82	2.49	2.12	
NX	052	1307	1924	
HS	620	360	300	320
CS	6.00	2.80	2.40	3.00

TEST C1114 DATE 4/18/74

DRY 72 WET 51 PRES 24.80

MPG 12.04

MAKE CHEVROLET MODEL NOVA YEAR 73 CYL. 8 CID 307 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.10	-0040	+01	-04	1	1	1	0	2	1	016372
AFTER MAINT	05.85	+0000	+00	+00	1	1	1	0	2	1	016372
AFTER 6 MO	05.11	+0020	+07	-02	1	1	1	0	2	1	023252

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	CONN	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	9.51	4.95	5.65	6.10
CO	132.8	087.6	097.4	099.8
C2	491.6	550.9	462.5	514.0
NX	1.51	1.41	1.74	1.52

	IDLE	LO CR	HI CR	2500
HC	3522	4111	3453	
LH	388	532	446	
CO	5.00	3.23	3.98	
NX	047	755	700	
HS	175	210	160	095
CS	4.10	2.50	3.30	0.50

TEST C0589 DATE 10/10/73

DRY 76 WET 54 PRES 24.68

MPG 12.91

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	10.46	4.86	5.61	6.24
CO	168.6	104.3	115.4	120.8
C2	465.4	526.3	431.5	487.3
NX	0.98	0.87	0.95	0.91

	IDLE	LO CR	HI CR	2500
HC	4892	5462	4946	
LH	522	812	696	
CO	7.24	5.57	6.12	
NX	035	322	506	
HS	480	730	570	140
CS	6.00	4.60	5.15	0.70

TEST C0643 DATE 10/15/73

DRY 82 WET 58 PRES 24.95

MPG 12.78

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	8.30	4.05	5.33	5.29
CO	179.9	091.8	110.5	115.5
C2	473.6	512.2	444.9	485.5
NX	1.03	0.99	1.26	1.07

	IDLE	LO CR	HI CR	2500
HC	3865	5254	5364	
LH	374	514	487	
CO	5.69	3.48	5.33	
NX	036	756	563	
HS	070	050	080	050
CS	1.00	0.80	1.80	0.60

TEST C1107 DATE 4/16/74

DRY 68 WET 48 PRES 24.80

MPG 13.03

MAKE BUICK MODEL LESA YEAR 68 CYL. 8 CID 350 WEIGHT 4500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	07.50	+0210	+00	+00	1	1	1	0	2	0	074568
AFTER MAINT	00.15	+0000	+00	+00	1	1	1	0	2	0	074568
AFTER 6 MO	03.21	+0150	+01	+02	1	1	1	0	2	0	079737

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	14.94	7.87	7.33	9.20
CO	237.5	201.1	170.3	200.2
C2	456.7	476.0	400.8	451.1
NX	1.69	0.84	1.79	1.28

	IDLE	LO CR	HI CR	2500
HC	4709	4392	5218	
LH	525	644	743	
CO	7.92	4.74	10.13	
NX	069	700	223	
HS	270	290	320	265
CS	7.40	4.40	8.60	5.80

TEST C0605 DATE 10/11/73

DRY 71 WET 53 PRES 24.51

MPG 11.21

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	10.38	4.84	4.76	5.99
CO	183.3	138.7	100.3	137.4
C2	499.4	586.4	442.8	528.4
NX	1.93	1.27	2.38	1.71

	IDLE	LO CR	HI CR	2500
HC	2217	4235	3410	
LH	311	582	489	
CO	0.19	7.30	3.03	
NX	085	255	1624	
HS	240	620	380	460
CS	0.16	7.00	3.10	2.10

TEST C0659 DATE 10/16/73

DRY 75 WET 56 PRES 24.86

MPG 11.67

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	11.60	4.55	4.72	6.07
CO	249.0	134.7	119.8	154.5
C2	423.2	455.7	380.9	428.2
NX	1.42	1.46	2.09	1.62

	IDLE	LO CR	HI CR	2500
HC	3455	3641	2978	
LH	282	336	251	
CO	2.97	4.09	2.85	
NX	089	1118	1147	
HS	070	090	090	060
CS	0.90	1.20	1.00	1.10

TEST C1105 DATE 4/15/74

DRY 72 WET 50 PRES 24.43

MPG 12.91

MAKE RAMBLER MODEL AMER YEAR 64 CYL. 6 CID 196 WEIGHT 3000 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.28	+0150	+00	-07	0	2	1	0	2	0	068526
AFTER MAINT	00.28	+0150	+00	-07	0	2	1	0	2	0	068526
AFTER 6 MO	00.32	+0450	+00	+00	0	1	1	0	2	0	070750

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.55	5.42	6.31	6.32
CO	095.0	062.5	086.6	076.0
C2	387.6	416.9	339.0	389.1
NX	3.29	3.27	2.37	3.02

	IDLE	LO CR	HI CR	2500
HC	3523	4150	5510	
LH	476	605	764	
CO	0.33	3.38	9.24	
NX	186	1207	285	
HS	275	350	450	380
CS	0.30	3.40	9.20	4.60

TEST C0607 DATE 10/11/73

DRY 70 WET 53 PRES 24.51

MPG 16.85

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	8.55	5.42	6.31	6.32
CO	095.0	062.5	086.6	076.0
C2	387.6	415.9	339.0	389.1
NX	3.29	3.27	2.37	3.02

	IDLE	LO CR	HI CR	2500
HC	3523	4150	5510	
LH	476	605	764	
CO	0.33	3.38	9.24	
NX	186	1207	285	
HS	275	350	450	380
CS	0.30	3.40	9.20	4.60

TEST C0607 DATE 10/11/73

DRY 70 WET 53 PRES 24.51

MPG 16.85

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.54	4.13	3.86	4.35
CO	055.0	037.8	047.8	044.2
C2	435.4	448.5	364.6	422.5
NX	4.07	3.37	3.02	3.42

	IDLE	LO CR	HI CR	2500
HC	2444	4509	6104	
LH	215	426	519	
CO	0.43	2.22	8.84	
NX	179	1576	036	
HS	050	090	080	050
CS	0.10	0.70	1.80	0.30

TEST C1106 DATE 4/15/74

DRY 72 WET 50 PRES 24.43

MPG 17.61

MAKE BUICK MODEL WILD YEAR 64 CYL. 8 CID 401 WEIGHT 4500 TRANS 1 EXH CTRL ? EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.90	-0080	+00	+01	1	1	1	0	2	0	051818
AFTER MAINT	03.00	+0020	+00	+00	1	1	1	0	2	0	051818
AFTER 6 MO	02.26	-0050	+02	+00	1	1	1	0	2	0	053291

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	PTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	10.68	12.12	8.24	10.74
CO	093.4	124.8	079.9	105.7
C2	459.0	425.2	422.9	431.6
NX	5.72	2.96	4.74	4.03

	IDLE	LO CR	HI CR	2500
HC	11614	4849	4106	
LH	1550	637	519	
CO	5.69	2.44	1.42	
NX	036	1933	3009	
HS	370	410	325	370
CS	1.85	2.25	1.50	3.10

TEST C0608 DATE 10/11/73

DRY 75 WET 55 PRES 24.51

MPG 14.10

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	10.87	11.22	8.01	10.25
CO	092.6	113.6	078.2	099.4
C2	487.6	468.1	462.1	470.5
NX	5.40	3.38	5.12	4.29

	IDLE	LO CR	HI CR	2500
HC	9665	5051	4216	
LH	1140	699	571	
CO	6.38	2.88	1.71	
NX	041	1670	2756	
HS	390	400	310	300
CS	2.80	2.40	1.40	2.30

TEST C0632 DATE 10/12/73

DRY 71 WET 50 PRES 24.52

MPG 13.51

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	9.77	10.18	7.93	9.47
CO	090.6	118.7	080.0	102.1
C2	428.6	414.4	384.0	408.9
NX	5.71	3.12	4.45	4.03

	IDLE	LO CR	HI CR	2500
HC	13982	5752	4433	
LH	1200	528	372	
CO	7.13	3.12	1.71	
NX	032	1252	2358	
HS	120	180	140	200
CS	0.80	1.00	0.80	1.40

TEST C1101 DATE 4/11/74

DRY 72 WET 52 PRES 24.20

MPG 14.86

MAKE CHEVROLET MODEL MALI YEAR 68 CYL. 6 CID 250 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.90	-0200	-02	-09	1	2	1	0	2	0	043307
AFTER MAINT	05.09	+0000	+00	+00	1	1	1	0	2	0	043307
AFTER 6 MO	05.39	+0100	+01	+05	1	1	1	0	2	0	052443

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	1	1	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	20.39	5.18	5.50	8.45
CO	212.6	114.7	089.3	128.1
C2	459.2	464.8	407.8	447.8
NX	2.46	1.63	2.86	2.15

	IDLE LO CR	HI CR	2500	
HC	4438	3959	4281	
LH	474	413	471	
CO	6.41	4.03	4.90	
NX	076	652	802	
HS	290	210	200	260
CS	5.00	3.00	4.30	2.40

TEST C0617 DATE 10/12/73

DRY 75 WET 55 PRES 24.48

MPG 13.18

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.22	3.59	3.64	4.36
CO	120.1	066.1	046.3	071.9
C2	458.2	463.1	393.6	442.8
NX	3.00	1.85	3.26	2.48

	IDLE LO CR	HI CR	2500	
HC	3657	2822	3693	
LH	359	390	474	
CO	5.54	0.38	3.61	
NX	074	1910	1414	
HS	190	155	215	230
CS	4.80	0.32	0.90	2.40

TEST C0678 DATE 10/18/73

DRY 70 WET 52 PRES 24.89

MPG 15.64

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	15.02	4.38	4.42	6.62
CO	179.9	105.7	082.1	114.7
C2	423.2	435.0	395.8	421.6
NX	2.24	1.67	2.84	2.11

	IDLE LO CR	HI CR	2500	
HC	4617	2543	4969	
LH	482	218	415	
CO	5.84	0.22	7.46	
NX	086	2039	402	
HS	480	200	380	500
CS	5.80	0.07	8.00	3.20

TEST C1121 DATE 4/23/74

DRY 74 WET 52 PRES 24.60

MPG 14.30

MAKE MERCURY MODEL COUG YEAR 68 CYL. 8 CID 302 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.00	+0050	+11	+03	1	2	1	0	2	0	074758
AFTER MAINT	06.36	+0000	+00	+00	1	1	1	0	2	0	074758
AFTER 6 MO	01.41	+0030	-05	+03	1	1	1	0	2	0	078364

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	1	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.16	7.38	5.25	6.33
CO	066.5	059.3	039.5	055.3
C2	421.1	408.0	357.7	396.8
NX	4.63	2.96	4.94	3.86

	IDLE	LO CR	HI CR	2500
HC	9075	4130	3590	
LH	1739	514	439	
CO	6.62	0.78	0.86	
NX	050	3041	4267	
HS	2500	600	490	370
CS	6.60	0.90	0.90	1.10

TEST C0661 DATE 10/17/73

DRY 69 WET 50 PRES 24.86

MPG 17.68

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.21	3.64	3.30	3.87
CO	092.1	070.2	048.8	068.8
C2	466.0	491.4	393.8	459.0
NX	2.60	2.14	2.63	2.37

	IDLE	LO CR	HI CR	2500
HC	3785	3248	2908	
LH	405	426	377	
CO	5.80	1.23	1.04	
NX	072	1867	2542	
HS	340	220	190	120
CS	5.00	1.10	0.90	1.80

TEST C0717 DATE 10/22/73

DRY 80 WET 51 PRES 24.83

MPG 15.37

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	4.78	4.83	4.52	4.73
CO	073.5	050.4	041.1	052.7
C2	505.7	520.7	456.4	499.7
NX	3.08	2.12	3.25	2.63

	IDLE	LO CR	HI CR	2500
HC	2440	3135	2945	
LH	250	319	283	
CO	1.52	1.13	1.43	
NX	120	1532	2314	
HS	200	380	240	240
CS	1.20	1.10	1.40	2.00

TEST C1116 DATE 4/19/74

DRY 74 WET 52 PRES 24.22

MPG 14.91

MAKE BUICK MODEL WILD YEAR 65 CYL. 8 CID 425 WEIGHT 4500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	11.10	-0060	+10	+00	1	2	1	0	2	0	078046
AFTER MAINT	11.00	-0060	+22	+00	1	2	1	0	2	0	078046
AFTER 6 MO	10.38	+0150	+00	+00	1	1	1	0	2	0	080979

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	1	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	19.21	30.27	17.59	24.44
CO	201.6	263.7	219.5	238.5
C2	459.1	398.6	374.1	404.5
NX	2.93	0.96	1.41	1.50

	IDLE	LO CR	HI CR	2500
HC	16320	6929	5977	
LH	1800	993	796	
CO	11.88	8.16	6.97	
NX	011	327	790	
HS	2500	1440	1040	2500
CS	20.00	9.00	7.40	9.80

TEST C0662 DATE 10/17/73

DRY 69 WET 50 PRES 24.86

MPG 10.40

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	21.80	34.57	19.07	27.60
CO	202.2	272.6	237.8	248.2
C2	482.2	426.0	441.7	442.1
NX	3.83	1.20	2.04	1.98

	IDLE	LO CR	HI CR	2500
HC	16549	6568	6059	
LH	2500	799	728	
CO	12.62	7.71	7.48	
NX	008	417	762	
HS	2500	620	530	720
CS	20.00	6.90	6.70	7.30

TEST C0687 DATE 10/18/73

DRY 71 WET 52 PRES 24.82

MPG 9.69

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	17.10	16.32	13.05	15.58
CO	294.0	372.7	302.9	336.8
C2	612.8	562.4	512.8	559.2
NX	3.69	1.26	1.71	1.89

	IDLE	LO CR	HI CR	2500
HC	8902	6231	5011	
LH	712	579	476	
CO	10.48	8.67	7.65	
NX	076	384	723	
HS	400	240	160	180
CS	3.50	3.50	2.90	2.60

TEST C1111 DATE 4/17/74

DRY 72 WET 51 PRES 24.33

MPG 7.83

MAKE CHEVROLET MODEL IMPA YEAR 65 CYL. 8 CID 327 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	08.20	-0010	+02	+01	1	2	1	0	2	0	061259
AFTER MAINT	00.16	+0000	+00	+00	1	1	1	0	2	0	061259
AFTER 6 MO	00.25	+0110	+01	-01	1	1	1	0	2	0	062880

	TG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	13.24	10.28	9.29	10.62
CO	240.1	220.0	162.5	208.3
C2	423.5	413.9	392.5	410.0
NX	0.89	0.67	1.44	0.93

	IDLE	LO CR	HI CR	2500
HC	7311	5017	6232	
LH	858	641	833	
CO	9.24	4.64	9.23	
NX	046	764	225	
HS	385	800	950	920
CS	8.40	4.60	9.30	6.80

TEST C0563 DATE 10/17/73

DRY 71 WET 51 PRES 24.86

MPG 11.56

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.39	6.20	6.25	6.88
CO	202.7	131.5	132.5	146.7
C2	462.9	453.3	413.2	444.2
NX	1.21	0.92	1.53	1.15

	IDLE	LO CR	HI CR	2500
HC	3420	4113	3911	
LH	481	564	544	
CO	0.20	5.05	5.42	
NX	126	636	706	
HS	285	320	260	400
CS	0.13	4.40	4.60	2.20

TEST C0690 DATE 10/18/73

DRY 72 WET 52 PRES 24.83

MPG 12.79

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	12.33	8.56	8.27	9.27
CO	230.6	153.6	159.7	171.4
C2	483.3	493.5	445.3	478.0
NX	0.99	0.90	1.44	1.07

	IDLE	LO CR	HI CR	2500
HC	4352	5679	5484	
LH	513	567	506	
CO	0.23	4.33	5.36	
NX	170	641	603	
HS	090	100	100	090
CS	0.10	0.70	1.50	0.90

TEST C1112 DATE 4/18/74

DRY 69 WET 49 PRES 24.80

MPG 11.47

MAKE DODGE MODEL CORO YEAR 69 CYL. 8 CID 318 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.40	-0050	+02	+00	1	1	1	0	2	0	051016
AFTER MAINT	04.92	+0000	+00	+00	1	1	1	0	2	0	051016
AFTER 6 MO	04.01	+0000	+00	+00	1	1	1	0	2	0	051439

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	10.51	9.88	8.49	9.63
CO	125.0	118.8	102.9	115.7
C2	453.0	464.4	454.7	459.3
NX	3.92	2.90	3.63	3.32

	IDLE	LO CR	HI CR	2500
HC	7828	5499	4954	
LH	1478	782	670	
CO	5.77	3.52	4.22	
NX	069	1417	1198	
HS	1260	540	385	400
CS	4.80	3.00	3.40	4.30

TEST C0674 DATE 10/18/73

DRY 70 WET 52 PRES 24.89

MPG 13.26

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	15.18	10.13	8.85	10.83
CO	253.4	192.5	192.2	205.2
C2	343.1	376.0	340.5	359.3
NX	0.50	0.58	0.59	0.57

	IDLE	LO CR	HI CR	2500
HC	7882	8384	7126	
LH	1132	1296	1051	
CO	5.23	11.46	10.54	
NX	000	000	000	
HS	120	110	090	090
CS	0.40	0.90	0.85	0.40

TEST C0736 DATE 10/23/73

DRY 76 WET 47 PRES 24.40

MPG 12.44

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	18.47	15.02	11.85	14.86
CO	297.9	261.5	231.0	260.7
C2	434.1	448.0	387.7	428.3
NX	0.60	0.54	0.62	0.57

	IDLE	LO CR	HI CR	2500
HC	9214	10165	8302	
LH	846	1085	832	
CO	3.87	8.96	8.38	
NX	096	180	215	
HS	1000	1100	860	900
CS	4.80	20.00	9.90	20.00

TEST C1115 DATE 4/19/74

DRY 69 WET 48 PRES 24.33

MPG 10.07

MAKE VOLKSWAGON MODEL SEDA YEAR 68 CYL. 4 CID 091 WEIGHT 2000 TRANS 4 EXH CTRL 1 EVAP CTRL 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.94	+0010	+00	+00	0	1	1	0	1	0	084309
AFTER MAINT	00.70	+0000	+00	+00	0	1	1	0	2	0	084309
AFTER 6 MO	00.63	+0050	-01	+00	0	1	1	0	1	0	091542

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	4.63	3.79	6.30	4.66
CO	093.2	106.4	099.5	101.7
C2	247.4	254.3	197.4	237.1
NX	1.28	0.78	0.73	0.87

	IDLE	LO CR	HI CR	2500
HC	5081	3799	2722	
LH	401	434	360	
CO	7.78	8.92	4.93	
NX	055	247	1387	
HS	400	410	290	720
CS	7.70	9.00	4.70	20.00

TEST C0664 DATE 10/17/73

DRY 74 WET 53 PRES 24.90

MPG 21.64

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.77	4.09	3.82	4.16
CO	078.9	054.4	062.5	061.8
C2	267.8	295.5	240.3	274.4
NX	2.20	1.97	1.82	1.98

	IDLE	LO CR	HI CR	2500
HC	3411	2926	2835	
LH	430	402	411	
CO	0.78	3.09	4.59	
NX	073	1283	1521	
HS	250	170	185	260
CS	0.70	2.80	4.00	2.90

TEST C0707 DATE 10/19/73

DRY 70 WET 50 PRES 24.85

MPG 23.16

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.69	4.33	3.89	4.49
CO	087.2	053.7	062.7	063.2
C2	268.1	289.1	238.8	270.7
NX	2.35	2.19	1.91	2.15

	IDLE	LO CR	HI CR	2500
HC	20587	3611	2845	
LH	2007	352	294	
CO	0.73	3.46	3.85	
NX	069	1345	1857	
HS	300	110	070	100
CS	0.20	0.70	1.30	0.70

TEST C1110 DATE 4/17/74

DRY 70 WET 50 PRES 24.33

MPG 23.18

MAKE PONTIAC MODEL CATA YEAR 69 CYL. 8 CID 400 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.90	-0110	-10	+07	1	2	1	0	2	0	057823
AFTER MAINT	01.48	+0000	+00	+00	1	1	1	0	2	0	057823
AFTER 6 MO	00.59	-0050	-04	+03	1	1	1	0	2	0	061021

	IG WS	COIL	SPRKS	AIR/F	A/C	E/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	?	2	?	1	2	2	?	?	2	2	2	1	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.70	4.42	4.53	4.93
CO	144.9	083.4	083.3	096.?
C2	633.2	632.1	557.2	611.6
NX	2.23	2.07	2.50	2.22

	IDLE	LO CR	HI CR	2500
HC	3825	3150	2408	
LH	480	409	339	
CO	4.46	2.07	0.69	
NX	102	807	1652	
HS	175	120	060	100
CS	2.20	1.10	0.30	1.30

TEST C0695 DATE 10/19/73

DRY 70 WET 50 PRES 24.85

MPG 11.44

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.33	3.85	3.62	4.30
CO	104.7	037.4	037.3	051.5
C2	570.3	595.4	441.0	547.3
NX	3.63	3.21	3.64	3.42

	IDLE	LO CR	HI CR	2500
HC	4675	3408	2928	
LH	648	447	394	
CO	1.54	1.91	1.03	
NX	306	1630	2583	
HS	460	280	190	240
CS	1.40	1.70	1.00	2.80

TEST C0751 DATE 10/24/73

DRY 67 WET 49 PRES 24.50

MPG 13.88

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.33	3.62	3.91	4.27
CO	121.3	045.6	057.0	064.6
C2	604.0	611.9	516.7	583.9
NX	2.84	2.68	3.48	2.94

	IDLE	LO CR	HI CR	2500
HC	2832	3017	2509	
LH	338	310	242	
CO	0.64	1.52	1.01	
NX	196	1339	2167	
HS	125	120	090	095
CS	0.65	1.60	0.95	2.50

TEST C1128 DATE 4/26/74

DRY 72 WET 52 PRES 24.53

MPG 12.75

MAKE FORD MODEL FAIR YEAR 68 CYL. 8 CID 289 WEIGHT 3500 TRANS 3 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.56	-0115	+06	+00	1	2	1	1	1	0	077348
AFTER MAINT	08.56	+0000	+00	+00	1	1	1	1	2	0	077348
AFTER 6 MO	00.56	+0025	+04	+00	1	1	1	1	1	0	084242

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	PTR	DST CAP	RPV
TAMP. 6 MO	1	2	1	1	1	1	1	1	1	1	1	1	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	9.52	7.34	6.36	7.53
CO	119.5	088.7	076.1	091.7
C2	377.8	449.2	361.4	409.9
NX	1.48	1.45	1.96	1.60

	IDLE	LO CR	HI CR	2500
HC	5701	3322	4059	
LH	456	513	618	
CO	4.24	1.86	3.02	
NX	039	1620	1739	
HS	250	160	235	115
CS	3.00	1.20	2.00	0.70

TEST C0696 DATE 10/19/73

DRY 74 WET 52 PRES 24.86

MPG 15.42

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	13.04	7.43	6.75	8.41
CO	172.3	102.6	085.9	112.6
C2	426.3	485.0	402.8	449.9
NX	0.76	0.78	1.18	0.89

	IDLE	LO CR	HI CR	2500
HC	9354	3747	3594	
LH	756	464	453	
CO	10.14	2.75	4.01	
NX	039	456	604	
HS	520	240	240	140
CS	7.40	2.20	3.20	0.40

TEST C0750 DATE 10/24/73

DRY 77 WET 50 PRES 24.40

MPG 13.63

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	7.38	8.26	6.77	7.66
CO	079.8	048.3	051.5	055.8
C2	521.7	591.1	440.2	534.7
NX	1.55	1.40	1.43	1.44

	IDLE	LO CR	HI CR	2500
HC	9848	4340	3929	
LH	1148	502	396	
CO	0.64	1.08	2.19	
NX	067	656	935	
HS	1000	400	340	200
CS	0.70	1.00	2.20	0.80

TEST C1119 DATE 4/23/74

DRY 70 WET 49 PRES 24.61

MPG 13.77

MAKE FORD MODEL GALA YEAR 68 CYL. 8 CID 390 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.50	+0010	+09	+00	1	2	1	0	2	0	046034
AFTER MAINT	00.09	+0000	+00	+00	1	1	1	0	2	0	046034
AFTER 6 MO	00.06	-0050	+00	+00	1	1	1	0	2	0	049183

	IG WS	COIL	SPPKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	7.12	6.51	5.74	6.43
CO	065.6	100.6	054.4	080.4
C2	602.5	520.8	503.7	533.2
NX	7.15	5.13	7.11	6.10

	IDLE	LO CR	HI CR	2500
HC	4569	3535	3180	
LH	502	552	472	
CO	6.31	0.25	0.25	
NX	065	3298	4275	
HS	220	180	115	126
CS	6.00	0.20	0.16	0.60

TEST 00694 DATE 10/19/73

DRY 70 WET 50 PRES 24.86

MPG 13.10

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.66	3.80	3.75	4.17
CO	068.8	008.4	022.8	025.1
C2	814.4	658.3	695.3	701.3
NX	7.04	5.84	7.65	6.59

	IDLE	LO CR	HI CR	2500
HC	2448	3147	2346	
LH	368	428	318	
CO	0.11	0.42	0.21	
NX	088	2927	3192	
HS	175	210	100	090
CS	0.09	0.25	0.19	0.60

TEST 00768 DATE 10/26/73

DRY 70 WET 49 PRES 24.75

MPG 11.81

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.73	3.58	3.63	4.05
CO	072.0	009.4	011.5	023.1
C2	637.4	633.7	535.2	607.2
NX	5.56	5.77	7.18	6.12

	IDLE	LO CR	HI CR	2500
HC	2258	3304	0117	
LH	257	334	312	
CO	0.07	0.27	1.14	
NX	125	3436	2961	
HS	095	135	085	040
CS	0.13	0.34	0.25	0.55

TEST 01118 DATE 4/22/74

DRY 72 WET 51 PRES 24.52

MPG 13.57

MAKE PLYMOUTH MODEL FURY YEAR 71 CYL. 8 CID 383 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.40	-0110	+04	+00	1	1	1	0	2	0	030259
AFTER MAINT	02.48	+0000	+00	+00	1	1	1	0	2	0	030259
AFTER 6 MO	07.60	-0050	+00	-01	1	1	1	0	2	0	038154

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	11.95	6.75	5.61	7.52
CO	199.3	157.5	126.0	157.5
C2	548.2	559.3	480.8	535.2
NX	2.18	1.13	2.10	1.62

	IDLE	LO CR	HI CR	2500
HC	5950	4087	3766	
LH	535	459	425	
CO	5.93	4.29	4.63	
NX	044	657	1167	
HS	365	275	210	195
CS	4.60	3.40	3.70	3.90

TEST C0710 DATE 10/22/73

DRY 70 WET 50 PRES 24.77

MPG 11.05

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.49	4.37	5.42	5.73
CO	170.0	103.4	129.2	124.5
C2	567.8	657.1	572.4	614.9
NX	1.72	1.23	2.03	1.56

	IDLE	LO CR	HI CR	2500
HC	3114	3344	3349	
LH	333	401	385	
CO	2.88	3.64	4.48	
NX	072	655	1079	
HS	560	780	700	620
CS	2.20	3.40	4.00	3.00

TEST C0779 DATE 10/26/73

DRY 70 WET 50 PRES 24.71

MPG 10.75

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	10.00	11.10	7.64	9.91
CO	185.3	194.8	151.9	180.9
C2	554.1	563.5	489.2	541.0
NX	1.75	1.05	1.64	1.36

	IDLE	LO CR	HI CR	2500
HC	13089	3996	3845	
LH	761	367	327	
CO	8.22	2.78	4.38	
NX	026	617	807	
HS	640	280	210	260
CS	8.20	3.20	4.80	5.00

TEST C1120 DATE 4/23/74

DRY 72 WET 50 PRES 24.61

MPG 10.40

MAKE CHEVROLET MODEL IMPA YEAR 73 CYL. 8 CID 350 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	OWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.40	+0020	+02	+02	1	2	1	0	2	0	006702
AFTER MAINT	03.70	+0000	+00	+00	1	1	1	0	2	0	006702
AFTER 6 MO	02.82	+0040	-02	-01	1	1	1	1	2	0	010355

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	1	2

AS RECEIVED

	CT	CS	HT	1975
HC	3.84	2.92	3.04	3.15
CO	088.5	064.7	069.8	071.1
C2	606.0	644.4	492.2	594.1
NX	1.83	1.33	1.48	1.47

	IDLE	LO CR	HI CR	2500	
HC	1061	2337	2203		
LH	220	407	380		
CO	1.79	1.63	1.57		
NX	053	649	1356		
HS	050	155	125	040	
CS	1.40	1.30	1.25	0.40	

TEST C0724 DATE 10/23/73

DRY 70 WET 50 PRES 24.70

MPG 12.44

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.08	2.73	2.97	3.08
CO	101.8	069.3	078.5	078.6
C2	579.5	621.1	476.1	572.2
NX	1.65	1.12	1.09	1.22

	IDLE	LO CR	HI CR	2500	
HC	2132	3021	4465		
LH	315	486	657		
CO	4.38	4.30	10.75		
NX	052	238	121		
HS	520	790	1180	180	
CS	3.20	3.20	2.00	0.30	

TEST C0761 DATE 10/25/73

DRY 72 WET 49 PRES 24.61

MPG 12.63

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	3.38	2.42	2.57	2.66
CO	081.7	053.0	069.3	063.5
C2	637.4	670.8	520.5	622.1
NX	2.04	1.50	1.40	1.58

	IDLE	LO CR	HI CR	2500	
HC	1634	2126	1933		
LH	211	224	191		
CO	3.51	1.62	3.09		
NX	060	565	659		
HS	070	080	100	050	
CS	3.20	1.20	4.00	0.50	

TEST C1122 DATE 4/24/74

DRY 70 WET 49 PRES 24.70

MPG 12.19

MAKE OLDSMOBILE MODEL OMEG YEAR 73 CYL. 8 CID 350 WEIGHT 3500 TRANS 3 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.42	+0110	-02	-02	2	1	1	0	2	2	009599
AFTER MAINT	00.47	+0000	+00	+00	1	1	1	0	2	1	009599
AFTER 6 MO	00.33	+0100	-04	-03	1	1	1	0	2	2	012095

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	4.66	3.74	4.24	4.07
CO	082.9	079.7	070.8	077.9
C2	577.3	621.0	464.5	568.4
NX	1.49	0.91	1.10	1.08

	IDLE	LO CR	HI CR	2500
HC	1464	2092	2062	
LH	218	275	280	
CO	0.41	1.34	0.65	
NX	069	485	1665	
HS	075	140	120	095
CS	0.48	1.30	0.58	1.50

TEST C0726 DATE 10/23/73

DRY 70 WET 48 PRES 24.68

MPG 12.66

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.12	2.93	3.00	3.20
CO	069.1	058.4	052.6	059.0
C2	600.5	632.4	501.8	589.5
NX	1.59	1.07	1.39	1.26

	IDLE	LO CR	HI CR	2500
HC	1669	2405	2015	
LH	227	293	267	
CO	0.55	2.10	0.56	
NX	075	443	1226	
HS	090	160	120	080
CS	0.20	0.50	0.20	0.40

TEST C0782 DATE 10/26/73

DRY 71 WET 50 PRES 24.42

MPG 12.87

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	3.81	4.53	4.62	4.40
CO	041.6	069.2	053.2	059.0
C2	634.2	706.5	528.2	641.9
NX	1.94	1.20	1.64	1.48

	IDLE	LO CR	HI CR	2500
HC	0773	2543	2277	
LH	108	193	191	
CO	0.39	2.89	1.56	
NX	075	320	1148	
HS	050	100	090	070
CS	0.40	3.60	1.60	4.20

TEST C1125 DATE 4/25/74

DRY 72 WET 51 PRES 24.70

MPG 11.90

MAKE FORD MODEL THUN YEAR 65 CYL. 8 CID 390 WEIGHT 5000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.12	+0000	+00	+06	1	1	1	0	2	0	083016
AFTER MAINT	05.70	+0000	+00	+05	1	1	1	0	2	0	083016
AFTER 6 MO	03.14	+0050	+01	+06	1	1	1	0	2	0	085143

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	1	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	9.94	7.53	5.73	7.54
CO	142.3	169.1	145.4	156.9
C2	599.1	526.4	467.9	525.4
NX	3.68	1.80	1.88	2.21

	IDLE	LO CR	HI CR	2500
HC	4494	3816	3504	
LH	436	488	438	
CO	5.16	4.15	3.99	
NX	074	973	1327	
HS	280	310	240	180
CS	4.10	3.40	3.20	3.80

TEST C0739 DATE 10/24/73

DRY 76 WET 50 PRES 24.56

MPG 11.19

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	8.97	7.29	11.79	8.89
CO	141.1	174.3	174.7	167.5
C2	567.6	568.2	473.8	541.9
NX	3.59	1.91	1.51	2.15

	IDLE	LO CR	HI CR	2500
HC	3927	3839	3536	
LH	461	491	449	
CO	5.70	5.48	5.47	
NX	085	596	759	
HS	380	360	270	220
CS	4.80	1.20	4.60	4.80

TEST C0762 DATE 10/25/73

DRY 72 WET 54 PRES 24.61

MPG 10.69

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	19.03	7.31	6.33	9.49
CO	443.1	195.3	142.5	232.5
C2	563.9	584.8	503.8	558.0
NX	0.93	1.74	1.95	1.63

	IDLE	LO CR	HI CR	2500
HC	3957	4077	3504	
LH	327	390	300	
CO	3.44	4.55	3.58	
NX	077	696	1358	
HS	300	380	300	260
CS	3.80	5.20	4.40	3.40

TEST C1117 DATE 4/22/74

DRY 70 WET 50 PRES 24.52

MPG 9.34

MAKE VOLKSWAGON MODEL FAST YEAR 66 CYL. 4 CID 097 WEIGHT 2250 TRANS 4 EXH CTRL 2 EVAP CTRL 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.40	+0050	+05	+00	0	1	1	0	2	0	115141
AFTER MAINT	05.40	+0050	+05	+00	0	1	1	0	2	0	115141
AFTER 6 MO	00.77	-0050	+00	+00	0	1	2	0	1	0	121815

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	7.74	4.14	3.60	4.74
CO	140.9	064.3	066.5	080.9
C2	287.9	234.6	194.8	234.7
NX	1.06	1.33	1.40	1.29

	IDLE	LO CR	HI CR	2500
HC	5466	3313	2955	
LH	581	424	377	
CO	6.26	3.49	3.14	
NX	049	1456	2251	
HS	335	230	180	240
CS	4.80	3.10	2.90	3.20

TEST C0740 DATE 10/24/73

DRY 79 WET 50 PRES 24.62

MPG 23.64

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.74	4.14	3.60	4.74
CO	140.9	064.3	066.5	080.9
C2	287.9	234.6	194.8	234.7
NX	1.06	1.33	1.40	1.29

	IDLE	LO CR	HI CR	2500
HC	5466	3313	2955	
LH	581	424	377	
CO	6.26	3.49	3.14	
NX	049	1456	2251	
HS	335	230	180	240
CS	4.80	3.10	2.90	3.20

TEST C0740 DATE 10/24/73

DRY 79 WET 50 PRES 24.62

MPG 23.64

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.08	4.66	3.27	4.57
CO	095.1	031.1	037.6	046.3
C2	249.3	297.6	240.1	271.5
NX	1.70	2.39	2.53	2.29

	IDLE	LO CR	HI CR	2500
HC	14912	3400	3094	
LH	1893	293	263	
CO	0.92	1.92	3.25	
NX	070	1966	2210	
HS	1500	150	130	070
CS	0.75	2.00	3.30	0.32

TEST C1127 DATE 4/26/74

DRY 75 WET 55 PRES 24.55

MPG 24.83

MAKE CHRYSLER MODEL IMPE YEAR 71 CYL. 8 CID 440 WEIGHT 5000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.20	-0060	+08	+04	1	1	1	0	1	0	023677
AFTER MAINT	05.20	-0060	+08	+04	1	1	1	0	1	0	023677
AFTER 6 MO	00.64	+0000	+01	+05	1	1	1	0	2	0	024261

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.45	4.99	5.34	5.81
CO	199.8	117.6	131.5	138.7
C2	707.0	763.0	511.5	681.5
NX	1.82	1.61	2.24	1.83

	IDLE	LO CR	HI CR	2500
HC	3386	3117	3360	
LH	303	309	320	
CO	5.73	2.62	4.60	
NX	077	701	666	
HS	175	130	130	140
CS	4.50	2.20	3.70	3.00

TEST C0741 DATE 10/24/73

DRY 74 WET 49 PRES 24.62

MPG 9.71

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	8.45	4.99	5.34	5.81
CO	199.8	117.6	131.5	138.7
C2	707.0	763.0	511.5	681.5
NX	1.82	1.61	2.24	1.83

	IDLE	LO CR	HI CR	2500
HC	3386	3117	3360	
LH	303	309	320	
CO	5.73	2.62	4.60	
NX	077	701	666	
HS	175	130	130	140
CS	4.50	2.20	3.70	3.00

TEST C0741 DATE 10/24/73

DRY 74 WET 49 PRES 24.62

MPG 9.71

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	8.65	4.37	4.86	5.40
CO	201.5	096.6	106.1	121.2
C2	757.5	820.9	646.7	759.3
NX	1.78	1.74	2.07	1.84

	IDLE	LO CR	HI CR	2500
HC	37105	2982	2413	
LH	3617	262	187	
CO	8.67	1.68	2.46	
NX	1360	919	789	
HS	190	100	090	080
CS	3.00	1.40	2.50	1.80

TEST C1126 DATE 4/25/74

DRY 74 WET 51 PRES 24.68

MPG 9.21

MAKE FORD MODEL MUST YEAR 69 CYL. 6 CID 200 WEIGHT 3000 TRANS 3 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	02.75	+0170	-06	+03	2	2	1	0	1	0	068680
AFTER MAINT	07.35	+0000	+00	+00	1	1	1	0	2	0	068680
AFTER 6 MO	03.90	-0075	+00	+00	1	1	1	0	1	0	077635

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.51	4.54	4.25	4.66
CO	076.7	098.0	069.2	085.5
C2	401.3	427.0	340.3	397.5
NX	1.75	0.97	1.37	1.25

	IDLE	LO CR	HI CR	2500
HC	3490	2306	4141	
LH	294	248	500	
CO	2.94	0.92	6.45	
NX	104	994	433	
HS	190	130	320	175
CS	3.10	0.90	5.30	3.50

TEST C0753 DATE 10/25/73

DRY 69 WET 49 PRES 24.64

MPG 16.29

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.17	6.04	5.68	5.97
CO	095.9	142.2	089.7	118.0
C2	388.1	378.5	339.4	369.6
NX	1.64	0.78	1.49	1.16

	IDLE	LO CR	HI CR	2500
HC	5419	3349	3027	
LH	426	366	360	
CO	7.80	1.27	0.90	
NX	074	1078	2300	
HS	240	195	180	140
CS	6.80	1.10	0.80	2.90

TEST C0807 DATE 10/30/73

DRY 70 WET 50 PRES 24.56

MPG 15.52

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.30	5.17	3.89	4.84
CO	068.5	080.1	045.7	068.2
C2	447.6	456.1	384.9	434.6
NX	2.55	1.51	2.39	1.97

	IDLE	LO CR	HI CR	2500
HC	7675	3718	3365	
LH	615	257	224	
CO	4.10	0.91	0.96	
NX	092	1242	2461	
HS	600	290	255	350
CS	4.00	0.75	0.80	3.50

TEST C1139 DATE 5/01/74

DRY 75 WET 53 PRES 24.61

MPG 15.99

MAKE CHEVRCLET MODEL STAW YEAR 73 CYL. 8 CID 454 WEIGHT 4500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.70	-0160	+00	+01	1	1	1	0	1	1	017416
AFTER MAINT	02.66	+0000	+00	+00	1	1	1	0	2	1	017416
AFTER 6 MO	02.72	-0100	-02	-09	1	1	1	0	2	1	019248

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	2.98	2.40	2.49	2.55
CO	041.6	037.7	031.5	036.8
C2	771.3	786.3	624.1	738.2
NX	2.99	1.38	3.96	2.43

	IDLE	LO CR	HI CR	2500
HC	1613	1550	0945	
LH	251	264	211	
CO	2.14	0.19	0.32	
NX	041	1408	2328	
HS	100	085	050	075
CS	1.70	0.20	0.35	0.19

TEST C0754 DATE 10/25/73

DRY 69 WET 48 PRES 24.64

MPG 11.08

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.41	3.55	3.87	4.03
CO	057.2	041.7	038.1	044.0
C2	796.3	753.5	652.9	734.6
NX	3.93	1.73	3.58	2.70

	IDLE	LO CR	HI CR	2500
HC	2541	2042	1798	
LH	346	294	266	
CO	3.23	0.21	0.66	
NX	046	862	2131	
HS	165	095	060	1300
CS	2.30	0.18	0.60	0.25

TEST C0808 DATE 10/30/73

DRY 70 WET 50 PRES 24.56

MPG 10.91

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	4.19	3.05	3.88	3.52
CO	040.5	043.9	029.0	039.1
C2	703.7	732.0	585.2	685.3
NX	3.23	1.55	3.18	2.35

	IDLE	LO CR	HI CR	2500
HC	3062	1867	1331	
LH	377	215	157	
CO	3.50	0.19	0.37	
NX	049	657	1988	
HS	100	050	035	900
CS	2.80	0.20	0.35	0.30

TEST C1131 DATE 4/29/74

DRY 71 WET 53 PRES 24.99

MPG 11.75

MAKE OPEL MODEL 1900 YEAR 72 CYL. 4 CID 116 WEIGHT 2250 TRANS 4 EXH CTRL 1 EVAP CTRL 1 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.29	-0200	+05	+04	0	1	1	0	1	0	022672
AFTER MAINT	06.80	+0000	+03	+04	0	1	1	0	2	0	022672
AFTER 6 MO	05.87	+0000	+00	+00	0	1	1	0	1	0	029397

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	7.11	6.05	4.65	5.88
CO	107.2	105.4	063.4	094.2
C2	273.2	282.0	238.7	268.2
NX	2.15	0.84	1.85	1.40

	IDLE	LO CR	HI CR	2500
HC	3340	3823	3495	
LH	386	470	447	
CO	1.42	3.02	1.48	
NX	058	1219	3005	
HS	090	185	155	190
CS	1.40	2.60	1.40	3.60

TEST C0772 DATE 10/26/73

DRY 72 WET 50 PRES 24.77

MPG 20.49

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.39	4.24	4.55	4.78
CO	093.0	074.5	068.0	076.5
C2	295.1	290.0	253.0	280.8
NX	2.79	1.32	1.87	1.78

	IDLE	LO CR	HI CR	2500
HC	4638	4118	3603	
LH	356	512	412	
CO	7.30	3.79	1.52	
NX	046	714	2838	
HS	230	375	275	210
CS	6.30	3.20	1.40	3.00

TEST C0795 DATE 10/29/73

DRY 77 WET 52 PRES 24.53

MPG 21.40

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	8.98	7.20	8.34	7.89
CO	125.6	102.2	065.3	096.9
C2	309.1	328.0	276.6	309.8
NX	2.00	1.08	1.95	1.52

	IDLE	LO CR	HI CR	2500
HC	4328	4122	23270	
LH	312	331	1956	
CO	6.40	2.92	1.54	
NX	051	945	2335	
HS	350	350	2500	490
CS	5.70	2.60	1.10	3.40

TEST C1137 DATE 5/01/74

DRY 69 WET 52 PRES 24.61

MPG 18.29

MAKE FORD MODEL MUST YEAR 67 CYL. 6 CID 200 WEIGHT 3000 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.90	+0125	-02	-02	1	1	1	0	1	0	064477
AFTER MAINT	00.40	-0055	+04	-01	1	1	1	0	1	0	064477
AFTER 6 MO	02.47	+0225	+00	+00	1	1	1	0	2	0	069383

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.89	5.37	4.52	5.45
CO	094.5	106.1	085.2	097.9
C2	298.6	288.5	264.4	283.9
NX	1.67	0.89	1.42	1.20

	IDLE	LO CR	HI CR	2500
HC	3878	3798	4156	
LH	325	435	535	
CO	4.29	3.86	6.58	
NX	070	1091	576	
HS	220	270	340	240
CS	3.80	3.30	5.40	6.00

TEST C0769 DATE 10/26/73

DRY 72 WET 50 PRES 24.76

MPG 19.58

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	10.33	9.55	5.78	8.67
CO	143.4	138.0	131.1	137.2
C2	258.8	272.4	231.5	258.2
NX	0.86	0.62	0.57	0.66

	IDLE	LO CR	HI CR	2500
HC	9039	4375	4088	
LH	1726	581	550	
CO	0.62	7.35	6.29	
NX	206	363	642	
HS	1300	400	360	420
CS	0.60	6.00	5.10	7.40

TEST C0786 DATE 10/29/73

DRY 70 WET 50 PRES 24.59

MPG 17.77

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	10.85	8.58	7.15	8.66
CO	199.4	187.5	173.1	186.0
C2	275.5	290.2	236.2	272.1
NX	0.54	0.39	0.43	0.44

	IDLE	LO CR	HI CR	2500
HC	3525	6806	6278	
LH	241	679	597	
CO	2.64	9.19	8.92	
NX	069	025	002	
HS	265	720	610	920
CS	2.40	8.50	8.20	9.80

TEST C1142 DATE 5/02/74

DRY 70 WET 51 PRES 24.43

MPG 15.05

MAKE FORD MODEL FALC YEAR 67 CYL. 6 CID 200 WEIGHT 2750 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.70	+0000	+09	-01	1	2	0	0	2	0	103550
AFTER MAINT	05.39	+0000	+00	+00	1	1	0	0	2	0	103550
AFTER 6 MO	05.43	-0020	+00	+00	1	1	0	0	2	0	106598

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	3.85	2.77	2.40	2.89
CO	034.2	029.6	021.6	028.3
C2	375.7	354.3	308.1	345.9
NX	7.33	3.36	5.39	4.76

	IDLE	LO CR	HI CR	2500
HC	2233	3124	3074	
LH	240	464	445	
CO	0.86	0.31	0.71	
NX	084	3872	3976	
HS	260	340	300	150
CS	0.80	0.10	0.60	0.30

TEST C0784 DATE 10/26/73

DRY 69 WET 52 PRES 24.80

MPG 22.29

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.12	3.63	3.12	3.59
CO	044.5	055.4	036.8	047.9
C2	328.0	324.1	295.3	316.9
NX	5.48	3.44	5.11	4.33

	IDLE	LO CR	HI CR	2500
HC	4139	2632	2839	
LH	387	387	443	
CO	5.61	0.14	0.81	
NX	065	5165	3992	
HS	235	185	230	500
CS	4.20	0.15	0.72	0.60

TEST C0830 DATE 11/01/73

DRY 72 WET 52 PRES 24.24

MPG 22.07

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	3.99	3.75	2.95	3.56
CO	030.4	041.8	023.5	034.3
C2	318.9	317.9	304.8	314.5
NX	5.51	3.57	5.81	4.62

	IDLE	LO CR	HI CR	2500
HC	4955	2953	3000	
LH	398	349	371	
CO	6.04	0.27	0.11	
NX	065	2647	5302	
HS	145	130	130	170
CS	5.60	0.30	0.15	0.75

TEST C1132 DATE 4/29/74

DRY 69 WET 51 PRES 24.89

MPG 23.46

MAKE DODGE MODEL DART YEAR 73 CYL. 6 CID 225 WEIGHT 3000 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.60	+0000	+02	+00	1	2	1	0	1	1	025094
AFTER MAINT	04.60	+0000	+02	+00	1	2	1	0	1	1	025094
AFTER 6 MO	02.98	-0010	+02	+00	1	1	1	0	2	1	034746

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	4.78	3.74	3.17	3.80
CO	086.4	051.9	052.7	059.4
C2	426.6	409.3	346.8	395.6
NX	3.43	3.16	3.26	3.24

	IDLE LO CR	HI CR	2500	
HC	4223	3070	4214	
LH	352	368	488	
CO	4.95	1.06	7.98	
NX	086	2968	529	
HS	250	235	295	135
CS	4.40	1.00	6.80	0.85

TEST C0774 DATE 10/26/73

DRY 72 WET 50 PRES 24.77

MPG 17.78

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.78	3.74	3.17	3.80
CO	086.4	051.9	052.7	059.4
C2	426.6	409.3	346.8	395.6
NX	3.43	3.16	3.26	3.24

	IDLE LO CR	HI CR	2500	
HC	4223	3070	4214	
LH	352	368	488	
CO	4.95	1.06	7.98	
NX	086	2968	529	
HS	250	235	295	135
CS	4.40	1.00	6.80	0.85

TEST C0774 DATE 10/26/73

DRY 72 WET 50 PRES 24.77

MPG 17.78

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	34.54	31.01	30.47	31.60
CO	113.9	066.9	095.9	084.8
C2	362.3	359.1	302.1	344.0
NX	2.30	2.20	1.97	2.16

	IDLE LO CR	HI CR	2500	
HC	24974	23407	25269	
LH	1931	1835	1806	
CO	3.26	0.85	7.22	
NX	072	2444	292	
HS	2500	2500	2500	2500
CS	2.90	0.90	6.90	1.00

TEST C1129 DATE 4/26/74

DRY 76 WET 54 PRES 24.44

MPG 15.43

MAKE CHEVROLET MODEL NOVA YEAR 71 CYL. 6 CID 250 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	02.26	+0140	-02	+00	2	1	1	0	1	0	095217
AFTER MAINT	02.26	+0140	-02	+00	2	1	1	0	1	0	095217
AFTER 6 MO	02.49	+0150	+01	-04	1	1	1	0	2	0	107212

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.05	2.60	3.13	3.26
CO	085.1	030.4	032.2	042.3
C2	501.1	486.2	392.0	463.2
NX	4.07	2.79	4.59	3.56

	IDLE	LO CR	HI CR	2500
HC	2461	2602	3005	
LH	255	344	363	
CO	2.47	0.20	1.66	
NX	088	2888	2496	
HS	140	180	180	065
CS	2.40	0.20	1.50	0.29

TEST C0775 DATE 10/26/73

DRY 72 WET 50 PRES 24.77

MPG 16.49

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.05	2.60	3.13	3.26
CO	085.1	030.4	032.2	042.3
C2	501.1	486.2	392.0	463.2
NX	4.07	2.79	4.59	3.56

	IDLE	LO CR	HI CR	2500
HC	2461	2602	3005	
LH	255	344	363	
CO	2.47	0.20	1.66	
NX	088	2888	2496	
HS	140	180	180	065
CS	2.40	0.20	1.50	0.29

TEST C0775 DATE 10/26/73

DRY 72 WET 50 PRES 24.77

MPG 16.49

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.72	3.37	3.17	3.80
CO	053.2	034.4	029.5	037.0
C2	478.3	478.6	423.1	463.1
NX	7.13	5.58	8.22	6.63

	IDLE	LO CR	HI CR	2500
HC	3905	2739	2649	
LH	435	260	215	
CO	4.33	0.18	0.86	
NX	107	4355	4301	
HS	290	235	215	210
CS	2.45	0.15	0.75	0.55

TEST C1141 DATE 5/02/74

DRY 72 WET 53 PRES 24.50

MPG 16.70

MAKE PONTIAC MODEL FIRE YEAR 67 CYL. 8 CID 326 WEIGHT 3500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.23	-0115	+00	+00	1	1	1	0	2	0	059028
AFTER MAINT	03.75	+0000	+00	+00	1	1	1	0	2	0	059028
AFTER 6 MO	05.04	-0100	+00	+00	1	1	1	0	2	0	061426

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	12.18	9.58	10.32	10.33
CO	175.2	157.4	143.2	157.2
C2	445.9	405.1	329.7	392.7
NX	2.20	1.34	1.69	1.62

	IDLE	LO CR	HI CR	2500
HC	7305	4055	4353	
LH	910	566	578	
CO	6.91	2.17	5.88	
NX	049	1713	855	
HS	800	370	370	480
CS	5.10	1.80	4.60	2.80

TEST C0787 DATE 10/29/73

DRY 70 WET 50 PRES 24.59

MPG 13.25

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	11.35	7.32	7.45	8.20
CO	188.9	136.1	157.9	153.2
C2	404.6	399.4	326.1	380.2
NX	1.39	1.05	1.35	1.20

	IDLE	LO CR	HI CR	2500
HC	6247	4148	4356	
LH	763	593	626	
CO	4.14	3.58	6.72	
NX	052	1066	602	
HS	550	360	355	330
CS	3.00	2.60	4.80	2.30

TEST C0829 DATE 11/01/73

DRY 73 WET 52 PRES 24.24

MPG 13.77

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	11.18	9.18	8.06	9.29
CO	154.7	135.8	129.4	138.0
C2	406.3	380.4	335.1	373.2
NX	1.56	0.91	1.36	1.17

	IDLE	LO CR	HI CR	2500
HC	10333	5351	5464	
LH	957	567	532	
CO	6.61	2.63	4.17	
NX	052	1268	1256	
HS	860	540	525	480
CS	5.10	2.50	4.20	4.10

TEST C1136 DATE 4/30/74

DRY 76 WET 54 PRES 24.90

MPG 14.38

MAKE PLYMOUTH MODEL FURY YEAR 66 CYL. 8 CID 318 WEIGHT 4000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	07.60	+0100	-05	+00	1	2	1	0	1	0	092494
AFTER MAINT	05.08	+0000	+00	+00	1	1	1	0	2	0	092494
AFTER 6 MO	06.98	+0120	+00	+00	1	1	1	0	2	0	094643

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	12.93	7.64	6.81	8.52
CO	208.3	139.2	139.9	153.8
C2	418.1	443.0	393.8	424.1
NX	2.77	2.87	2.93	2.87

	IDLE	LO CR	HI CR	2500
HC	6679	4193	4513	
LH	785	536	606	
CO	8.03	3.65	3.52	
NX	060	2152	2235	
HS	710	330	380	165
CS	6.50	3.00	2.90	5.70

TEST C0788 DATE 10/29/73

DRY 70 WET 50 PRES 24.57

MPG 12.86

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.33	6.32	5.32	6.67
CO	154.6	110.7	098.5	116.5
C2	489.3	446.1	422.4	448.6
NX	3.20	2.97	3.33	3.12

	IDLE	LO CR	HI CR	2500
HC	4548	3667	2905	
LH	422	448	307	
CO	5.31	3.30	2.19	
NX	092	1522	1698	
HS	280	270	145	230
CS	4.00	2.60	1.80	1.90

TEST C0856 DATE 11/05/73

DRY 72 WET 53 PRES 24.55

MPG 13.65

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	57.12	42.02	37.30	43.87
CO	242.3	194.6	170.7	198.0
C2	513.3	463.7	420.6	462.1
NX	1.33	1.22	1.18	1.23

	IDLE	LO CR	HI CR	2500
HC	24956	22779	24690	
LH	1905	1840	1852	
CO	7.57	2.84	7.65	
NX	058	715	129	
HS	2500	2500	2500	2500
CS	6.80	2.70	7.10	3.20

TEST C1143 DATE 5/02/74

DRY 72 WET 51 PRES 24.44

MPG 9.77

MAKE CHEVRCLET MODEL CAPR YEAR 70 CYL. 8 CID 400 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	07.00	-0090	-04	+00	1	2	1	0	2	0	047305
AFTER MAINT	03.75	+0000	+00	+00	1	1	1	0	2	0	047305
AFTER 6 MO	03.85	+0000	-01	+00	1	1	1	0	2	0	051714

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	10.33	5.27	5.11	6.28
CO	208.1	109.1	092.9	125.3
C2	600.5	603.4	448.6	559.8
NX	2.12	2.02	2.09	2.06

	IDLE	LO CR	HI CR	2500
HC	5203	2814	3375	
LH	475	370	404	
CO	7.60	1.63	3.54	
NX	063	1198	1385	
HS	250	160	190	110
CS	5.60	1.20	2.90	2.90

TEST C0789 DATE 10/29/73

DRY 78 WET 51 PRES 24.57

MPG 11.47

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	11.30	5.20	6.92	6.96
CO	197.1	082.5	106.2	113.1
C2	525.7	554.9	488.6	530.4
NX	3.74	3.56	4.32	3.81

	IDLE	LO CR	HI CR	2500
HC	3818	3357	3424	
LH	470	439	443	
CO	4.00	1.46	3.18	
NX	115	2645	2084	
HS	310	250	240	075
CS	3.00	1.10	2.30	1.70

TEST C0845 DATE 11/02/73

DRY 69 WET 50 PRES 24.64

MPG 12.20

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.58	5.28	4.15	5.24
CO	118.1	098.1	065.4	093.2
C2	432.1	553.5	487.8	509.9
NX	3.23	3.28	4.89	3.72

	IDLE	LO CR	HI CR	2500
HC	4607	3409	3662	
LH	516	361	357	
CO	4.23	1.09	3.09	
NX	114	2692	2215	
HS	410	320	345	145
CS	3.60	0.90	2.95	1.85

TEST C1138 DATE 5/01/74

DRY 73 WET 54 PRES 24.62

MPG 13.24

MAKE PONTIAC MODEL LEMA YEAR 66 CYL. 8 CID 326 WEIGHT 3500 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	07.40	-0070	-03	+00	1	1	1	0	2	0	073426
AFTER MAINT	04.45	+0000	+00	+00	1	1	1	0	2	0	073426
AFTER 6 MO	07.61	+0020	+00	+00	1	1	1	0	2	0	076841

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	11.94	8.93	6.47	8.88
CO	148.2	126.3	105.2	125.1
C2	493.7	455.7	409.4	450.8
NX	3.72	2.65	3.24	3.04

	IDLE	LO CR	HI CR	2500
HC	8090	3838	5241	
LH	881	481	637	
CO	7.93	0.62	10.14	
NX	034	2668	228	
HS	800	360	430	150
CS	6.40	0.52	7.80	2.40

TEST C0798 DATE 10/30/73

DRY 75 WET 53 PRES 24.70

MPG 13.19

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	10.30	6.41	5.59	7.00
CO	143.2	106.6	121.8	118.5
C2	509.7	554.4	482.2	525.0
NX	3.71	3.18	2.51	3.10

	IDLE	LO CR	HI CR	2500
HC	4493	3469	3738	
LH	599	459	483	
CO	4.74	0.38	3.64	
NX	228	2594	1492	
HS	275	180	185	175
CS	4.30	0.20	3.50	1.90

TEST C0866 DATE 11/05/73

DRY 73 WET 53 PRES 24.67

MPG 12.15

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	10.34	9.76	7.54	9.27
CO	132.4	132.5	119.0	128.7
C2	530.1	465.8	423.9	467.7
NX	4.47	3.11	3.92	3.62

	IDLE	LO CR	HI CR	2500
HC	12660	4382	4700	
LH	784	358	361	
CO	8.18	1.13	4.98	
NX	041	2794	451	
HS	1050	440	425	415
CS	8.30	1.10	4.90	2.90

TEST C1147 DATE 5/06/74

DRY 76 WET 54 PRES 24.66

MPG 12.74

MAKE FORD MODEL STAW YEAR 66 CYL. 8 CID 289 WEIGHT 3000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	07.40	+0060	-02	+00	1	2	1	0	2	0	084032
AFTER MAINT	02.00	+0000	-02	+00	1	1	1	0	2	0	084032
AFTER 6 MO	03.31	+0000	+00	+00	1	1	1	0	2	0	084525

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	PPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	14.33	15.94	9.96	13.94
CO	151.0	220.6	128.2	180.4
C2	368.8	344.4	313.6	341.0
NX	1.84	0.89	1.82	1.35

	IDLE	LO CR	HI CR	2500
HC	5223	5219	4592	
LH	449	706	555	
CO	7.75	4.39	3.72	
NX	056	1150	1353	
HS	235	400	290	560
CS	4.50	2.50	2.20	5.30

TEST C0854 DATE 11/05/73

DRY 69 WET 50 PRES 24.55

MPG 13.32

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	13.27	11.98	9.63	11.60
CO	151.5	164.6	112.9	147.5
C2	401.0	367.7	347.9	369.2
NX	1.95	1.14	2.06	1.57

	IDLE	LO CR	HI CR	2500
HC	3928	5405	4972	
LH	544	764	640	
CO	2.15	3.79	5.86	
NX	064	1149	591	
HS	135	185	135	250
CS	2.00	3.50	5.20	9.80

TEST C0884 DATE 11/06/73

DRY 76 WET 54 PRES 24.64

MPG 13.97

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	12.88	12.63	8.54	11.55
CO	135.4	163.9	109.4	142.8
C2	406.6	357.6	329.7	360.1
NX	1.79	1.01	1.66	1.35

	IDLE	LO CR	HI CR	2500
HC	4998	8415	5836	
LH	579	836	592	
CO	3.50	6.09	3.05	
NX	053	646	1494	
HS	570	940	560	850
CS	3.30	5.70	2.90	7.60

TEST C1140 DATE 5/01/74

DRY 75 WET 53 PRES 24.66

MPG 14.34

MAKE FORD MODEL MUST YEAR 65 CYL. 8 CID 289 WEIGHT 3000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.30	+0120	+00	+00	1	2	1	0	2	0	059885
AFTER MAINT	05.30	+0120	+00	+00	1	2	1	0	2	0	059885
AFTER 6 MO	03.85	+0200	+00	+00	1	1	1	0	2	0	063401

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	9.05	5.73	4.93	6.20
CO	096.5	100.6	055.5	087.2
C2	429.2	418.5	396.1	414.5
NX	3.16	2.32	3.96	2.95

	IDLE LO CR	HI CR	2500	
HC	4394	4167	3539	
LH	485	653	651	
CO	5.64	3.35	2.30	
NX	064	1321	1304	
HS	320	470	310	380
CS	4.20	2.70	1.90	3.40

TEST C0801 DATE 10/30/73

DRY 72 WET 50 PRES 24.70

MPG 15.59

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.05	5.73	4.93	6.20
CO	096.5	100.6	055.5	087.2
C2	429.2	418.5	396.1	414.5
NX	3.16	2.32	3.96	2.95

	IDLE LO CR	HI CR	2500	
HC	4394	4167	3539	
LH	485	653	651	
CO	5.64	3.35	2.30	
NX	064	1321	1304	
HS	320	470	310	380
CS	4.20	2.70	1.90	3.40

TEST C0801 DATE 10/30/73

DRY 72 WET 50 PRES 24.70

MPG 15.59

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.54	5.37	4.48	5.37
CO	086.2	108.8	066.8	092.4
C2	442.6	435.6	385.2	423.1
NX	3.28	1.64	2.98	2.36

	IDLE LO CR	HI CR	2500	
HC	4011	4562	3530	
LH	417	478	309	
CO	4.15	1.91	1.61	
NX	146	1822	2200	
HS	380	320	150	150
CS	4.10	2.20	1.60	3.20

TEST C1130 DATE 4/29/74

DRY 70 WET 53 PRES 24.89

MPG 15.22

MAKE TOYOTA MODEL STAW YEAR 73 CYL. 4 CID 120 WEIGHT 2500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.01	+0030	+00	+00	1	1	1	0	2	0	003829
AFTER MAINT	03.01	+0030	+00	+00	1	1	1	0	2	0	003829
AFTER 6 MO	02.01	+0050	+01	+00	1	1	1	0	2	0	013680

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	4.36	3.24	2.76	3.34
CO	078.6	061.6	041.9	059.7
C2	429.0	374.9	359.2	381.9
NX	3.73	2.14	3.51	2.85

	IDLE LO CR	HI CR	2500
HC	4856	3174	3009
LH	563	418	393
CO	4.70	2.60	1.75
NX	082	828	2135
HS	250	190	165	140
CS	2.60	1.90	1.40	3.00

TEST C0802 DATE 10/30/73

DRY 72 WET 50 PRES 24.70

MPG 18.32

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.36	3.24	2.76	3.34
CO	078.6	061.6	041.9	059.7
C2	429.0	374.9	359.2	381.9
NX	3.73	2.14	3.51	2.85

	IDLE LO CR	HI CR	2500
HC	4856	3174	3009
LH	563	418	393
CO	4.70	2.60	1.75
NX	082	828	2135
HS	250	190	165	140
CS	2.60	1.90	1.40	3.00

TEST C0802 DATE 10/30/73

DRY 72 WET 50 PRES 24.70

MPG 18.32

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	4.40	3.31	2.78	3.39
CO	069.2	050.4	040.2	051.5
C2	422.5	396.0	368.1	393.8
NX	3.28	1.96	3.17	2.57

	IDLE LO CR	HI CR	2500
HC	5354	4680	3616
LH	790	582	413
CO	2.85	2.53	2.09
NX	194	1457	1800
HS	490	450	300	230
CS	2.05	2.30	1.85	3.80

TEST C1135 DATE 4/30/74

DRY 70 WET 51 PRES 24.90

MPG 18.35

MAKE CHEVROLET MODEL STAW YEAR 67 CYL. 8 CID 327 WEIGHT 4000 TRANS 3 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.90	-0240	-02	+06	1	2	1	0	2	0	096491
AFTER MAINT	05.02	+0000	+00	+00	1	1	1	0	2	0	096491
AFTER 6 MO	04.40	-0100	+01	+00	1	1	1	0	2	0	099480

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	19.84	12.63	8.96	13.12
CO	210.1	184.6	143.5	178.5
C2	361.5	351.7	316.6	344.0
NX	1.32	0.78	1.21	1.01

	IDLE	LO CR	HI CR	2500
HC	7510	5583	4698	
LH	879	686	597	
CO	6.80	6.12	4.05	
NX	055	720	1375	
HS	860	550	400	640
CS	4.80	4.70	3.30	5.80

TEST C0799 DATE 10/30/73

DRY 75 WET 53 PRES 24.70

MPG 13.37

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	20.76	12.08	9.11	13.07
CO	200.9	165.7	137.7	165.3
C2	368.6	395.6	347.2	376.5
NX	1.19	0.73	1.24	0.97

	IDLE	LO CR	HI CR	2500
HC	6945	5488	4382	
LH	775	742	567	
CO	5.60	6.10	3.64	
NX	050	366	1234	
HS	550	540	410	450
CS	4.95	4.90	3.70	5.80

TEST C0852 DATE 11/02/73

DRY 71 WET 51 PRES 24.73

MPG 13.15

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	88.68	47.19	32.51	51.80
CO	177.8	158.4	125.1	153.2
C2	363.1	388.6	347.2	371.7
NX	1.76	1.29	1.57	1.47

	IDLE	LO CR	HI CR	2500
HC	25138	22684	21919	
LH	1017	1938	1897	
CO	5.36	5.02	3.49	
NX	040	333	805	
HS	2500	2500	2500	2500
CS	4.90	5.00	3.60	6.80

TEST C1144 DATE 5/03/74

DRY 70 WET 52 PRES 24.75

MPG 11.47

MAKE RAMBLER MODEL AMBA YEAR 71 CYL. 8 CID 401 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	07.60	-0090	+00	+07	1	1	1	0	1	0	031837
AFTER MAINT	00.38	+0000	+00	+00	1	1	1	0	2	0	031837
AFTER 6 MO	03.90	+0100	+01	+01	1	1	1	0	2	0	037328

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	?	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.77	6.74	7.36	7.34
CO	074.9	120.7	074.8	098.4
C2	559.5	491.0	449.2	493.8
NX	6.12	2.83	5.31	4.21

	IDLE	LO CR	HI CR	2500
HC	5701	3584	3224	
LH	459	496	417	
CO	8.25	1.34	1.54	
NX	049	2427	3779	
HS	270	300	230	1510
CS	6.30	1.10	1.20	1.00

TEST C0814 DATE 10/31/73

DRY 70 WET 45 PRES 24.53

MPG 13.26

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.03	4.42	4.87	4.88
CO	057.9	040.5	051.7	047.2
C2	586.3	590.0	541.2	575.7
NX	5.24	3.54	5.36	4.40

	IDLE	LO CR	HI CR	2500
HC	2830	3890	3886	
LH	295	466	448	
CO	0.42	1.70	2.71	
NX	201	2386	2678	
HS	100	150	130	080
CS	0.35	0.90	1.10	0.90

TEST C0894 DATE 11/07/73

DRY 76 WET 54 PRES 24.68

MPG 13.39

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	7.22	5.17	5.30	5.63
CO	054.6	059.1	059.2	058.2
C2	528.2	463.6	460.1	476.2
NX	6.55	3.79	5.46	4.83

	IDLE	LO CR	HI CR	2500
HC	10410	10634	4502	
LH	162	000	000	
CO	7.50	3.00	2.32	
NX	152	5729	3335	
HS	480	460	400	1600
CS	4.40	1.50	2.30	1.40

TEST C1145 DATE 5/03/74

DRY 69 WET 55 PRES 24.77

MPG 15.22

MAKE DODGE MODEL CHAR YEAR 68 CYL. 8 CID 318 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.40	+0000	+00	-02	1	2	1	0	2	0	065609
AFTER MAINT	02.53	+0000	+00	+00	1	1	1	0	2	0	065609
AFTER 6 MO	03.87	+0050	-01	-01	1	1	1	0	2	0	065609

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.95	6.31	5.72	6.70
CO	170.2	099.4	096.6	113.5
C2	410.3	458.8	411.1	435.4
NX	1.24	2.29	1.82	1.94

	IDLE	LO CR	HI CR	2500
HC	4096	4482	4187	
LH	439	601	475	
CO	5.10	2.14	4.52	
NX	081	1617	648	
HS	270	420	280	250
CS	3.10	1.90	3.80	3.20

TEST C0916 DATE 10/31/73

DRY 74 WET 50 PRES 24.49

MPG 14.03

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	43.98	7.53	6.79	14.95
CO	295.6	100.7	095.3	140.0
C2	368.6	438.2	374.8	406.0
NX	1.30	2.71	2.40	2.33

	IDLE	LO CR	HI CR	2500
HC	3862	4772	4638	
LH	451	657	568	
CO	2.82	1.56	4.74	
NX	078	2388	968	
HS	210	340	270	240
CS	1.70	1.10	2.80	2.30

TEST C0860 DATE 11/05/73

DRY 72 WET 56 PRES 24.76

MPG 13.23

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	11.96	6.92	6.18	7.77
CO	181.1	084.3	090.5	106.3
C2	414.8	442.7	391.7	422.7
NX	2.04	3.43	2.56	2.90

	IDLE	LO CR	HI CR	2500
HC	5360	6115	5675	
LH	427	481	392	
CO	4.38	2.81	4.12	
NX	080	1632	1147	
HS	510	525	510	470
CS	4.20	2.90	4.30	4.90

TEST C1146 DATE 5/06/74

DRY 71 WET 52 PRES 24.66

MPG 14.50

MAKE BUICK MODEL LESA YEAR 71 CYL. 8 CID 455 WEIGHT 4500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.10	+0020	-10	+00	1	2	1	0	2	0	017998
AFTER MAINT	03.70	+0000	+00	+00	1	1	1	0	2	0	017998
AFTER 6 MO	03.40	-0050	-01	+00	1	1	1	0	2	0	020669

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.58	6.05	5.09	5.89
CO	143.0	151.2	102.2	135.9
C2	775.5	763.9	665.8	739.1
NX	3.61	1.56	3.42	2.50

	IDLE	LO CR	HI CR	2500
HC	3900	2971	2904	
LH	406	331	328	
CO	5.56	0.92	2.53	
NX	071	1454	1798	
HS	275	180	155	070
CS	4.50	0.75	2.20	2.25

TEST C0817 DATE 10/31/73

DRY 74 WET 50 PRES 24.47

MPG 9.17

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.03	5.04	4.64	5.35
CO	125.1	116.9	094.6	112.4
C2	839.4	794.5	642.7	761.8
NX	4.32	1.69	3.35	2.70

	IDLE	LO CR	HI CR	2500
HC	3498	3396	2628	
LH	356	381	266	
CO	3.92	3.38	1.81	
NX	076	618	1380	
HS	160	165	085	065
CS	3.50	3.00	1.50	2.40

TEST C0865 DATE 11/05/73

DRY 71 WET 53 PRES 24.70

MPG 9.32

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.68	4.40	4.04	4.57
CO	092.0	071.5	049.7	069.8
C2	702.1	759.2	613.0	706.7
NX	4.39	2.43	4.56	3.43

	IDLE	LO CR	HI CR	2500
HC	3655	3735	2708	
LH	264	255	154	
CO	3.62	1.66	0.72	
NX	081	1332	2533	
HS	320	325	205	125
CS	3.65	1.65	0.75	1.60

TEST C1148 DATE 5/06/74

DRY 77 WET 55 PRES 24.65

MPG 10.72

MAKE PLYMOUTH MODEL FURY YEAR 69 CYL. 8 CID 318 WEIGHT 4000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	07.80	-0140	+08	+00	1	2	1	0	2	0	052667
AFTER MAINT	01.34	+0000	+00	+00	1	1	1	0	2	0	052667
AFTER 6 MO	03.10	-0030	+02	+00	2	1	1	0	1	0	058215

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	7.53	5.98	5.42	6.15
CO	141.9	118.0	094.4	116.5
C2	455.7	459.0	421.8	448.0
NX	2.28	2.05	2.72	2.29

	IDLE LO CR	HI CR	2500
HC	3590	3475	3360	
LH	443	378	381	
CO	1.44	2.15	3.04	
NX	097	1281	1786	
HS	580	250	230	230
CS	7.00	1.70	2.50	3.00

TEST C0839 DATE 11/02/73

DRY 75 WET 52 PRES 24.57

MPG 13.69

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.89	6.59	27.63	12.70
CO	153.3	102.0	109.3	114.8
C2	473.4	468.9	440.3	461.9
NX	2.79	2.30	2.77	2.53

	IDLE LO CR	HI CR	2500
HC	9051	10404	10327	
LH	2054	2018	1991	
CO	1.57	3.15	2.41	
NX	080	1069	1678	
HS	1620	2500	1990	1790
CS	1.00	8.20	5.50	2.40

TEST C0892 DATE 11/07/73

DRY 74 WET 52 PRES 24.68

MPG 13.05

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	41.62	35.09	34.42	36.27
CO	164.5	089.3	092.6	105.9
C2	455.7	458.6	417.0	446.5
NX	2.79	2.81	3.07	2.88

	IDLE LO CR	HI CR	2500
HC	22529	22494	25121	
LH	1936	1867	1850	
CO	3.48	2.34	3.03	
NX	079	1359	1113	
HS	2500	2500	2500	2500
CS	3.40	2.50	3.00	3.70

TEST C1150 DATE 5/07/74

DRY 73 WET 53 PRES 24.64

MPG 12.24

MAKE CHEVROLET MODEL NOVA YEAR 71 CYL. 8 CID 307 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.40	-0030	+01	+01	1	1	1	0	2	0	029533
AFTER MAINT	04.80	+0000	+00	+00	1	1	1	0	2	0	029533
AFTER 6 MO	04.10	+0000	-01	+00	1	1	1	0	2	0	034594

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	7.50	5.40	4.77	5.67
CO	079.7	046.7	043.3	052.7
C2	536.4	530.4	422.1	501.6
NX	4.13	3.26	3.79	3.59

	IDLE	LO CR	HI CR	2500
HC	5191	4124	3531	
LH	534	544	399	
CO	5.09	0.79	1.32	
NX	055	1996	2272	
HS	350	350	215	150
CS	3.80	0.55	1.20	1.70

TEST C0840 DATE 11/02/73

DRY 71 WET 51 PRES 24.60

MPG 14.79

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.41	5.04	4.83	5.48
CO	074.0	030.2	046.4	043.9
C2	598.5	609.0	467.7	567.6
NX	5.01	4.35	4.84	4.62

	IDLE	LO CR	HI CR	2500
HC	4965	3992	3337	
LH	488	525	367	
CO	5.06	1.22	0.99	
NX	064	1912	2555	
HS	300	330	190	120
CS	3.60	1.10	0.75	1.60

TEST C0891 DATE 11/07/73

DRY 77 WET 54 PRES 24.68

MPG 13.62

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.78	5.71	5.04	5.75
CO	063.9	039.7	038.7	044.5
C2	478.8	461.6	400.6	448.3
NX	3.43	3.13	3.94	3.42

	IDLE	LO CR	HI CR	2500
HC	9179	5272	3846	
LH	771	392	227	
CO	4.34	0.54	0.77	
NX	091	2204	2486	
HS	1015	480	290	255
CS	4.40	0.70	0.80	1.10

TEST C1151 DATE 5/07/74

DRY 75 WET 54 PRES 24.63

MPG 16.61

MAKE FORD MODEL MUST YEAR 72 CYL. 8 CID 351 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.10	+0140	+00	+04	1	2	1	0	2	0	019843
AFTER MAINT	07.34	+0000	+00	+00	1	1	1	0	2	0	019843
AFTER 6 MO	06.73	+0000	+04	+00	1	1	1	0	1	0	025670

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.28	5.79	5.81	6.32
CO	174.3	135.1	114.9	137.7
C2	691.2	654.3	568.2	638.1
NX	1.31	1.05	1.31	1.17

	IDLE	LO CR	HI CR	2500
HC	4817	2137	2665	
LH	469	228	251	
CO	6.28	1.72	1.69	
NX	054	386	849	
HS	260	090	100	100
CS	4.60	1.40	1.50	1.60

TEST C0841 DATE 11/02/73

DRY 73 WET 52 PRES 24.61

MPG 10.19

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	11.00	9.72	7.51	9.37
CO	189.5	163.8	109.2	154.0
C2	574.3	537.5	481.4	529.6
NX	1.98	1.11	1.96	1.53

	IDLE	LO CR	HI CR	2500
HC	9665	3755	3692	
LH	1001	432	408	
CO	9.64	2.45	2.94	
NX	021	586	1197	
HS	630	265	225	135
CS	7.60	2.30	2.70	3.00

TEST C0882 DATE 11/06/73

DRY 78 WET 55 PRES 24.62

MPG 11.12

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	17.46	7.95	7.60	9.84
CO	296.3	198.9	193.8	217.9
C2	532.9	515.2	449.8	500.8
NX	0.71	0.61	0.70	0.65

	IDLE	LO CR	HI CR	2500
HC	7352	4613	15698	
LH	500	360	451	
CO	8.34	6.00	13.58	
NX	047	167	025	
HS	470	380	520	310
CS	7.20	6.10	20.00	7.00

TEST C1152 DATE 5/07/74

DRY 76 WET 56 PRES 24.63

MPG 10.19

MAKE FORD MODEL MUST YEAR 65 CYL. 8 CID 260 WEIGHT 3000 TRANS 1 EXH CTRL 2 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	10.30	-0015	+08	+00	1	2	1	0	2	0	052813
AFTER MAINT	02.60	-0055	+07	+00	1	1	1	0	2	0	052813
AFTER 6 MO	02.21	-0025	-02	-01	1	1	1	0	2	0	055395

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	10.80	15.81	10.15	13.19
CO	138.5	135.5	101.2	126.6
C2	454.6	370.0	378.0	389.9
NX	3.61	2.06	3.55	2.80

	IDLE	LO CR	HI CR	2500
HC	15667	4243	3775	
LH	2500	623	555	
CO	11.09	3.01	3.05	
NX	015	1894	2372	
HS	2500	420	340	760
CS	8.30	2.50	2.60	1.40

TEST C0825 DATE 11/01/73

DRY 70 WET 49 PRES 24.23

MPG 14.13

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.97	6.95	5.15	6.66
CO	121.7	079.1	058.5	082.3
C2	429.8	403.5	378.4	402.0
NX	3.26	2.82	3.96	3.23

	IDLE	LO CR	HI CR	2500
HC	4890	3925	3763	
LH	685	540	493	
CO	2.84	2.15	2.89	
NX	088	1859	2458	
HS	530	370	310	340
CS	2.40	1.90	2.60	4.50

TEST C0853 DATE 11/02/73

DRY 59 WET 51 PRES 24.73

MPG 16.13

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	7.80	6.21	4.82	6.16
CO	117.2	075.6	058.6	079.6
C2	441.0	405.0	383.2	406.5
NX	3.68	3.15	3.94	3.48

	IDLE	LO CR	HI CR	2500
HC	5946	3946	3704	
LH	673	423	360	
CO	2.32	1.80	2.40	
NX	084	2072	2799	
HS	300	180	160	210
CS	2.20	1.90	2.40	3.90

TEST C1133 DATE 4/29/74

DRY 70 WET 52 PRES 24.89

MPG 16.17

MAKE RAMBLER MODEL JAVE YEAR 72 CYL. 8 CID 360 WEIGHT 3500 TRANS 4 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	01.20	-0180	-02	+00	2	2	1	0	2	0	023737
AFTER MAINT	00.27	+0000	+00	+00	1	1	1	0	2	0	023737
AFTER 6 MO	00.24	-0100	+01	+04	1	2	1	0	1	0	027819

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	20.55	6.00	9.09	9.90
CO	223.4	101.4	121.1	132.4
C2	525.7	566.0	487.6	535.8
NX	0.90	1.35	1.45	1.28

	IDLE	LO CR	HI CR	2500
HC	0926	0569	0954	
LH	182	192	222	
CO	1.70	1.05	2.34	
NX	055	846	788	
HS	030	025	035	045
CS	0.50	0.32	0.65	0.09

TEST C0870 DATE 11/06/73

DRY 69 WET 50 PRES 24.65

MPG 11.49

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	10.87	9.11	7.67	9.08
CO	079.2	042.4	063.8	056.0
C2	588.3	619.6	475.1	572.9
NX	4.22	2.91	3.47	3.34

	IDLE	LO CR	HI CR	2500
HC	9471	2856	2193	
LH	1945	396	328	
CO	0.46	0.32	1.16	
NX	069	1682	2179	
HS	270	140	120	140
CS	0.25	0.21	0.80	0.19

TEST C0907 DATE 11/08/73

DRY 74 WET 52 PRES 24.72

MPG 12.91

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	7.08	3.79	3.71	4.46
CO	109.1	068.3	082.8	080.9
C2	581.0	565.9	503.9	551.8
NX	1.89	1.58	2.12	1.79

	IDLE	LO CR	HI CR	2500
HC	1385	1672	1580	
LH	091	104	094	
CO	0.36	0.63	1.07	
NX	092	1206	1720	
HS	100	120	115	075
CS	0.27	0.53	1.00	0.28

TEST C1155 DATE 5/09/74

DRY 75 WET 53 PRES 24.61

MPG 12.85

MAKE PLYMOUTH MODEL SATE YEAR 72 CYL. 8 CID 318 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	08.19	-0200	+00	+00	1	1	1	0	2	0	028091
AFTER MAINT	04.99	+0000	+00	+00	1	1	1	0	2	0	028091
AFTER 6 MO	10.60	-0150	+00	+00	1	1	1	0	2	0	032505

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	?	2	1	1	1	1	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.48	6.43	5.40	6.16
CO	132.9	153.4	118.3	139.4
C2	450.6	437.8	353.6	419.9
NX	1.61	1.11	1.23	1.25

	IDLE	LO CR	HI CR	2500
HC	7153	3656	3476	
LH	664	447	406	
CO	9.00	3.22	3.91	
NX	044	703	768	
HS	160	110	090	090
CS	2.70	1.00	1.20	1.30

TEST C0873 DATE 11/06/73

DRY 69 WET 49 PRES 24.65

MPG 13.53

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	5.31	5.04	5.21	5.14
CO	110.5	123.3	107.6	116.3
C2	520.2	520.0	484.3	510.1
NX	1.74	1.33	1.81	1.55

	IDLE	LO CR	HI CR	2500
HC	4274	3341	3255	
LH	546	360	335	
CO	5.74	3.33	3.70	
NX	069	550	813	
HS	340	220	185	210
CS	4.10	2.70	2.90	4.30

TEST C0926 DATE 11/09/73

DRY 76 WET 55 PRES 24.85

MPG 12.56

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.36	6.22	5.33	6.00
CO	108.4	129.9	103.9	118.2
C2	479.9	456.5	387.7	442.3
NX	1.66	0.97	1.42	1.24

	IDLE	LO CR	HI CR	2500
HC	19203	12315	8646	
LH	936	758	463	
CO	9.39	7.46	3.28	
NX	013	002	216	
HS	2500	1680	950	740
CS	20.00	8.60	3.60	6.60

TEST C1154 DATE 5/08/74

DRY 78 WET 57 PRES 24.56

MPG 13.77

MAKE OPEL MODEL MANT YEAR 73 CYL. 4 CID 116 WEIGHT 2250 TRANS 4 EXH CTRL 1 EVAP CTRL 1 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.07	-0150	-01	-08	0	1	1	0	2	1	006817
AFTER MAINT	03.70	+0000	-01	-05	0	1	1	0	2	1	006817
AFTER 6 MO	02.30	+0000	+00	+00	0	1	1	0	2	1	011046

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	PTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.28	5.05	4.00	4.81
CO	076.9	088.9	059.7	078.3
C2	274.6	288.7	244.3	273.4
NX	2.31	1.36	2.12	1.77

	IDLE	LO CR	HI CR	2500
HC	6566	3058	3253	
LH	567	364	424	
CO	8.58	1.73	2.39	
NX	043	1641	2040	
HS	150	100	120	080
CS	2.90	2.50	1.20	0.90

TEST C0872 DATE 11/06/73

DRY 70 WET 52 PRES 24.65

MPG 21.64

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.24	3.59	3.10	3.59
CO	067.6	062.9	048.1	059.8
C2	307.8	319.4	268.9	303.0
NX	2.24	1.41	2.11	1.78

	IDLE	LO CR	HI CR	2500
HC	3069	3306	3506	
LH	257	331	402	
CO	3.75	2.66	3.69	
NX	070	1000	1956	
HS	155	205	245	220
CS	3.50	2.45	3.60	3.10

TEST C0901 DATE 11/07/73

DRY 74 WET 53 PRES 24.69

MPG 21.82

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	4.32	4.22	3.31	3.99
CO	070.0	069.5	047.2	063.4
C2	313.1	298.6	258.7	290.6
NX	2.17	1.19	1.86	1.58

	IDLE	LO CR	HI CR	2500
HC	2971	3918	3808	
LH	219	304	284	
CO	3.76	3.18	1.93	
NX	063	821	2556	
HS	160	360	335	220
CS	2.40	3.10	1.80	2.60

TEST C1153 DATE 5/08/74

DRY 70 WET 51 PRES 24.55

MPG 22.11

MAKE CHEVROLET MODEL NOVA YEAR 69 CYL. 6 CID 230 WEIGHT 3000 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.50	-0100	-01	-01	1	1	1	0	1	0	029124
AFTER MAINT	05.31	+0000	+00	+00	1	1	1	0	2	0	029124
AFTER 6 MO	08.10	+0000	+00	+00	1	1	1	0	2	0	030796

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	7.23	4.00	3.98	4.67
CO	124.8	059.0	068.6	075.5
C2	420.6	429.0	394.2	417.6
NX	3.17	3.19	3.86	3.37

	IDLE	LO CR	HI CR	2500
HC	3993	3692	3230	
LH	374	446	378	
CO	4.20	3.70	2.80	
NX	063	1147	1833	
HS	280	335	245	1700
CS	3.70	3.50	2.60	2.40

TEST C0887 DATE 11/07/73

DRY 74 WET 50 PRES 24.66

MPG 16.17

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	8.15	3.37	3.22	4.33
CO	128.4	057.5	064.5	074.3
C2	430.8	457.9	393.0	434.2
NX	2.61	2.54	3.03	2.69

	IDLE	LO CR	HI CR	2500
HC	3718	3255	3269	
LH	351	385	351	
CO	5.50	2.89	4.71	
NX	070	1232	850	
HS	250	275	220	200
CS	4.60	2.60	4.00	0.75

TEST C0949 DATE 11/12/73

DRY 73 WET 52 PRES 24.52

MPG 15.78

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.50	3.47	2.84	3.72
CO	098.1	068.2	046.3	068.4
C2	403.9	382.6	311.0	367.2
NX	2.60	1.82	2.43	2.15

	IDLE	LO CR	HI CR	2500
HC	6583	3905	2879	
LH	461	273	167	
CO	8.56	3.55	1.88	
NX	043	743	1771	
HS	620	410	270	250
CS	8.80	4.00	2.10	1.30

TEST C1157 DATE 5/13/74

DRY 70 WET 50 PRES 24.27

MPG 18.31

MAKE FORD MODEL TORI YEAR 69 CYL. 8 CID 351 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.50	-0050	-02	-02	1	1	1	0	1	0	074369
AFTER MAINT	05.91	+0000	+00	+00	1	1	1	0	2	0	074369
AFTER 6 MO	07.40	+0050	+00	+00	1	1	1	0	2	0	079659

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	7.47	5.49	5.18	5.82
CO	126.3	104.6	092.5	105.8
C2	457.2	466.1	412.9	449.5
NX	2.28	2.33	2.90	2.48

	IDLE	LO CR	HI CR	2500
HC	6065	3695	3776	
LH	554	453	453	
CO	8.05	1.59	2.72	
NX	053	2237	2211	
HS	380	300	280	140
CS	7.00	1.30	2.30	1.80

TEST C0890 DATE 11/07/73

DRY 75 WET 52 PRES 24.68

MPG 14.05

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	9.76	5.45	5.25	6.30
CO	147.8	109.5	086.4	110.6
C2	480.2	484.1	474.5	480.6
NX	2.72	3.27	3.94	3.34

	IDLE	LO CR	HI CR	2500
HC	4604	3146	3382	
LH	423	383	421	
CO	6.14	0.26	0.75	
NX	075	2586	4001	
HS	270	240	260	120
CS	5.10	0.20	2.20	2.00

TEST C0950 DATE 11/12/73

DRY 71 WET 51 PRES 24.52

MPG 13.21

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.31	4.46	3.74	4.44
CO	064.4	074.9	054.4	067.0
C2	467.7	458.4	388.8	441.0
NX	3.81	3.01	3.60	3.34

	IDLE	LO CR	HI CR	2500
HC	5594	3202	3297	
LH	400	216	212	
CO	7.20	0.27	1.12	
NX	034	2505	2796	
HS	550	315	315	125
CS	7.60	0.30	1.15	1.00

TEST C1159 DATE 5/13/74

DRY 72 WET 51 PRES 24.27

MPG 15.89

MAKE FORD MODEL MAVE YEAR 72 CYL. 6 CID 250 WEIGHT 2750 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	08.10	-0120	-04	+00	1	2	1	0	2	0	022036
AFTER MAINT	01.35	+0000	+00	+00	1	1	1	0	2	0	022036
AFTER 6 MO	00.12	+0100	+01	+00	1	1	1	0	2	0	027813

	TG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	1	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	4.51	3.68	3.34	3.76
CO	075.0	102.9	076.5	089.7
C2	480.4	396.8	384.0	410.8
NX	4.15	1.80	3.36	2.72

	IDLE	LO CR	HI CR	2500
HC	4617	3330	2764	
LH	390	411	312	
CO	9.10	3.67	1.91	
NX	058	1156	2295	
HS	250	290	180	210
CS	8.40	3.40	1.80	4.20

TEST C0903 DATE 11/08/73

DRY 80 WET 56 PRES 24.67

MPG 15.80

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	3.87	2.80	3.81	3.30
CO	046.9	030.3	037.9	035.9
C2	477.5	450.7	393.4	440.4
NX	5.46	3.49	4.47	4.17

	IDLE	LO CR	HI CR	2500
HC	2333	3312	2691	
LH	273	456	308	
CO	1.44	2.24	1.96	
NX	263	1542	2585	
HS	190	295	155	160
CS	1.45	2.00	1.90	2.80

TEST C0951 DATE 11/13/73

DRY 71 WET 51 PRES 24.50

MPG 17.56

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	3.31	2.95	2.74	2.97
CO	018.5	010.2	017.7	014.0
C2	461.8	440.5	395.7	432.5
NX	9.58	6.34	7.31	7.29

	IDLE	LO CR	HI CR	2500
HC	2866	2993	2622	
LH	236	259	202	
CO	0.12	0.18	0.60	
NX	652	4071	4338	
HS	295	315	260	260
CS	0.13	0.18	0.65	1.35

TEST C1160 DATE 5/14/74

DRY 72 WET 51 PRES 24.48

MPG 19.20

MAKE MERCURY MODEL COME YEAR 72 CYL. 8 CID 302 WEIGHT 3000 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	02.30	+0020	-01	-08	1	1	1	0	2	0	008589
AFTER MAINT	05.35	+0000	+00	+00	1	1	1	0	2	0	008589
AFTER 6 MO	00.85	+0020	+00	+00	1	1	1	0	2	0	013182

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.15	3.14	4.34	3.89
CO	087.9	056.6	056.3	063.1
C2	527.7	508.6	446.5	495.4
NX	2.85	1.11	2.65	1.90

	IDLE	LO CR	HI CR	2500
HC	2585	3374	3773	
LH	247	437	478	
CO	2.45	1.93	2.23	
NX	086	756	1718	
HS	160	300	330	130
CS	2.50	2.70	2.30	1.20

TEST C0904 DATE 11/08/73

DRY 80 WET 56 PRES 24.67

MPG 14.68

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.52	3.64	6.13	4.94
CO	140.3	087.9	092.7	100.2
C2	541.3	623.2	505.3	573.4
NX	3.21	1.30	2.92	2.15

	IDLE	LO CR	HI CR	2500
HC	3768	3662	3925	
LH	440	434	501	
CO	5.64	3.33	2.99	
NX	081	950	1851	
HS	280	295	330	180
CS	4.90	2.80	2.40	3.10

TEST C0956 DATE 11/13/73

DRY 73 WET 50 PRES 24.51

MPG 11.93

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.85	2.99	4.01	4.08
CO	137.2	045.8	043.0	064.1
C2	492.8	542.9	489.0	568.8
NX	2.42	1.76	2.67	2.15

	IDLE	LO CR	HI CR	2500
HC	2044	2538	4142	
LH	175	180	315	
CO	0.91	1.13	1.63	
NX	157	815	2259	
HS	220	245	410	150
CS	0.80	1.20	1.70	2.00

TEST C1161 DATE 5/14/74

DRY 75 WET 51 PRES 24.48

MPG 13.05

MAKE FORD MODEL BRON YEAR 71 CYL. 8 CID 302 WEIGHT 3500 TRANS 3 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	02.30	-0050	+04	+00	1	1	1	0	1	0	020440
AFTER MAINT	00.50	+0000	+00	+00	1	1	1	0	2	0	020440
AFTER 6 MO	00.50	-0100	+00	+00	1	1	1	0	1	0	023544

	IG	WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	10.31	7.71	7.50	8.19
CO	118.2	097.5	093.5	100.7
C2	459.1	495.9	406.2	463.3
NX	2.87	1.53	2.76	2.15

	IDLE	LO CR	HI CR	2500
HC	6787	4340	3773	
LH	1219	497	457	
CO	3.34	3.22	2.73	
NX	054	1655	1840	
HS	1000	340	280	1150
CS	2.80	2.70	2.30	2.20

TEST C0906 DATE 11/09/73

DRY 74 WET 53 PRES 24.71

MPG 13.76

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	8.57	5.46	8.17	6.86
CO	106.3	075.3	095.1	087.3
C2	504.1	552.8	425.5	507.3
NX	2.58	1.25	2.04	1.75

	IDLE	LO CR	HI CR	2500
HC	1419	3626	3329	
LH	177	392	366	
CO	0.54	2.97	2.32	
NX	091	1546	1711	
HS	165	260	225	150
CS	0.35	2.60	1.80	2.00

TEST C0957 DATE 11/13/73

DRY 77 WET 52 PRES 24.52

MPG 13.37

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	43.26	26.06	22.88	28.78
CO	111.2	059.9	056.5	069.7
C2	425.0	475.0	365.9	434.3
NX	3.38	2.13	2.93	2.61

	IDLE	LO CR	HI CR	2500
HC	1046	3614	6609	
LH	121	310	591	
CO	0.48	1.10	1.81	
NX	083	1277	2031	
HS	135	370	850	2500
CS	0.50	1.30	2.00	1.35

TEST C1162 DATE 5/14/74

DRY 75 WET 52 PRES 24.48

MPG 14.03

MAKE FORD MODEL TORI YEAR 71 CYL. 8 CID 351 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.10	-0100	+00	+01	1	1	1	0	2	0	013444
AFTER MAINT	03.07	+0000	+00	+00	1	1	1	0	2	0	013444
AFTER 6 MO	03.60	+0050	+00	+00	1	1	1	0	2	0	015216

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	2	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	6.29	5.31	4.91	5.41
CO	075.7	092.7	057.0	079.3
C2	606.3	564.4	472.2	547.6
NX	5.13	2.68	4.33	3.65

	IDLE	LO CR	HI CR	2500
HC	4376	3293	3312	
LH	392	436	425	
CO	5.31	0.88	1.14	
NX	065	2136	2929	
HS	310	285	240	170
CS	5.00	0.80	1.00	1.10

TEST C0923 DATE 11/09/73

DRY 68 WET 51 PRES 24.85

MPG 12.92

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.20	6.67	6.05	6.61
CO	085.0	096.7	055.9	082.9
C2	581.7	470.7	510.6	505.0
NX	4.56	2.00	4.50	3.23

	IDLE	LO CR	HI CR	2500
HC	3372	3297	3179	
LH	298	391	354	
CO	3.29	1.09	1.11	
NX	073	2173	2891	
HS	200	260	215	150
CS	3.40	0.90	0.90	0.85

TEST C0979 DATE 11/14/73

DRY 73 WET 48 PRES 24.49

MPG 13.57

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.29	4.71	4.32	4.72
CO	065.5	085.4	049.6	071.3
C2	496.8	450.3	414.1	450.0
NX	3.43	1.67	3.21	2.47

	IDLE	LO CR	HI CR	2500
HC	4168	3268	3202	
LH	326	243	217	
CO	3.67	0.85	1.39	
NX	093	1706	2243	
HS	430	350	305	180
CS	3.60	0.80	1.40	1.60

TEST C1167 DATE 5/15/74

DRY 81 WET 54 PRES 24.31

MPG 15.44

MAKE FORD MODEL MUST YEAR 73 CYL. 8 CID 351 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	06.00	+0055	-08	+00	1	1	1	0	2	2	003445
AFTER MAINT	05.93	+0000	+00	+00	1	1	1	0	2	1	003445
AFTER 6 MO	04.90	+0025	-02	+00	1	1	1	0	2	1	007639

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.28	5.02	4.35	4.89
CO	098.6	134.5	083.4	112.8
C2	572.4	513.8	442.6	506.3
NX	1.83	0.99	1.71	1.37

	IDLE	LO CR	HI CR	2500
HC	5642	2981	2819	
LH	485	410	382	
CO	6.46	2.14	1.73	
NX	051	1074	1360	
HS	350	280	230	190
CS	5.80	2.00	1.70	2.40

TEST C0924 DATE 11/09/73

DRY 70 WET 51 PRES 24.81

MPG 12.74

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.70	4.04	4.18	4.22
CO	105.1	126.9	087.0	111.3
C2	537.8	607.2	516.4	588.4
NX	0.93	0.64	0.83	0.75

	IDLE	LO CR	HI CR	2500
HC	3398	2391	2117	
LH	368	301	251	
CO	5.10	2.09	1.49	
NX	063	485	491	
HS	245	180	115	090
CS	5.30	1.90	1.40	2.55

TEST C0985 DATE 11/15/73

DRY 72 WET 49 PRES 24.76

MPG 11.47

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	4.61	4.28	3.68	4.18
CO	098.0	116.8	089.5	105.3
C2	553.2	551.7	466.9	528.5
NX	0.85	0.68	0.77	0.74

	IDLE	LO CR	HI CR	2500
HC	3728	3381	2570	
LH	280	240	159	
CO	4.94	2.49	2.25	
NX	068	478	445	
HS	380	325	225	150
CS	4.90	2.50	2.25	3.10

TEST C1168 DATE 5/05/74

DRY 84 WET 55 PRES 24.30

MPG 12.60

MAKE CHEVROLET MODEL NOVA YEAR 70 CYL. 6 CID 250 WEIGHT 3500 TRANS 1 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	04.70	+0050	-02	+00	1	2	1	0	2	0	012130
AFTER MAINT	00.11	+0000	+00	+00	1	1	1	0	2	0	012130
AFTER 6 MO	00.19	+0010	+01	+00	1	1	1	0	2	0	013242

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	1	2	1	2	2	2	2	1	2	2	2	1

AS RECEIVED

	CT	CS	HT	1975
HC	6.04	3.14	2.78	3.65
CO	115.5	042.7	040.2	057.2
C2	558.5	539.5	493.3	530.7
NX	3.80	2.58	4.10	3.26

	IDLE	LO CR	HI CR	2500
HC	3421	2644	2679	
LH	392	238	258	
CO	5.09	0.83	1.43	
NX	090	2139	2324	
HS	345	155	145	080
CS	4.70	0.85	1.45	1.35

TEST C0935 DATE 11/12/73

DRY 73 WET 50 PRES 24.73

MPG 14.09

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.29	2.29	2.60	2.80
CO	069.8	006.9	014.6	022.2
C2	508.8	524.9	429.1	494.9
NX	4.05	2.92	4.23	3.59

	IDLE	LO CR	HI CR	2500
HC	2223	2272	2106	
LH	262	240	229	
CO	0.12	0.35	0.25	
NX	177	1989	3500	
HS	215	155	125	045
CS	0.15	0.40	0.28	0.35

TEST C0983 DATE 11/15/73

DRY 74 WET 46 PRES 24.76

MPG 16.53

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	4.26	2.01	2.02	2.48
CO	071.0	009.9	009.5	022.6
C2	464.8	499.2	405.9	466.1
NX	3.60	2.53	3.89	3.13

	IDLE	LO CR	HI CR	2500
HC	2512	2098	2395	
LH	207	141	146	
CO	0.20	0.17	0.46	
NX	148	1603	2533	
HS	270	190	200	085
CS	0.19	0.17	0.50	0.28

TEST C1169 DATE 5/16/74

DRY 71 WET 51 PRES 24.51

MPG 17.48

MAKE CHEVROLET MODEL NOVA YEAR 73 CYL. 6 CID 250 WEIGHT 3500 TRANS 3 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.95	+0060	-01	+01	1	2	1	0	2	1	004682
AFTER MAINT	01.57	+0000	+00	+00	1	1	1	0	2	1	004682
AFTER 6 MO	01.60	-0050	-01	+00	1	1	1	0	2	1	007220

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	PTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	7.28	2.57	3.20	3.73
CO	090.1	047.1	052.4	057.5
C2	539.0	626.9	478.0	567.2
NX	1.60	1.10	1.73	1.38

	IDLE	LO CR	HI CR	2500
HC	0788	0968	0537	
LH	122	171	138	
CO	1.32	0.94	1.09	
NX	067	490	869	
HS	040	050	030	025
CS	0.95	0.80	0.95	0.32

TEST C0939 DATE 11/12/73

DRY 77 WET 52 PRES 24.70

MPG 13.31

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.90	2.78	4.38	4.30
CO	085.7	045.0	051.7	055.4
C2	483.2	547.0	426.2	500.1
NX	2.00	1.15	2.03	1.57

	IDLE	LO CR	HI CR	2500
HC	0863	1924	1155	
LH	127	254	201	
CO	1.90	1.04	1.38	
NX	043	695	1481	
HS	050	135	050	030
CS	1.50	0.70	1.00	0.35

TEST C0984 DATE 11/15/73

DRY 73 WET 47 PRES 24.76

MPG 14.83

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	3.41	2.23	3.08	2.71
CO	057.8	041.7	044.0	045.7
C2	519.0	514.5	404.4	484.9
NX	1.98	0.94	1.71	1.37

	IDLE	LO CR	HI CR	2500
HC	0601	1539	0777	
LH	096	154	104	
CO	1.87	1.63	1.45	
NX	044	480	1136	
HS	075	130	095	055
CS	1.65	1.25	1.20	0.40

TEST C1164 DATE 5/15/74

DRY 68 WET 50 PRES 24.34

MPG 15.76

MAKE FORD MODEL GALA YEAR 73 CYL. 8 CID 351 WEIGHT 4500 TRANS 1 EXH CTRL 1 EVAP CTRL 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	05.50	+0020	+02	+00	1	1	1	0	2	1	016385
AFTER MAINT	04.78	+0000	+00	+00	1	1	1	0	2	1	016385
AFTER 6 MO	05.40	+0000	+00	+00	1	1	1	0	2	1	022038

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	7.48	5.43	5.37	5.84
CO	117.7	112.7	086.9	106.6
C2	591.9	604.1	520.4	578.3
NX	2.16	1.89	2.25	2.05

	IDLE	LO CR	HI CR	2500
HC	4013	3681	3199	
LH	454	454	372	
CO	5.85	2.00	2.09	
NX	088	1943	1125	
HS	375	335	250	170
CS	5.00	1.85	1.95	2.40

TEST C0938 DATE 11/12/73

DRY 77 WET 52 PRES 24.71

MPG 11.66

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	7.24	5.21	6.39	5.96
CO	138.7	123.5	099.9	120.2
C2	528.8	528.5	476.4	514.1
NX	2.22	1.47	1.57	1.65

	IDLE	LO CR	HI CR	2500
HC	3728	3310	3355	
LH	328	425	425	
CO	5.03	1.97	2.09	
NX	066	1265	1024	
HS	220	280	260	110
CS	4.10	1.60	1.60	1.70

TEST C0980 DATE 11/14/73

DRY 70 WET 47 PRES 24.51

MPG 12.34

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	6.43	5.27	4.42	5.27
CO	107.8	110.7	076.3	100.5
C2	478.9	480.0	465.4	475.7
NX	4.06	2.40	3.81	3.14

	IDLE	LO CR	HI CR	2500
HC	4557	3334	3198	
LH	366	278	244	
CO	5.09	1.42	2.00	
NX	089	2035	2287	
HS	475	390	345	200
CS	5.70	1.65	2.25	2.40

TEST C1163 DATE 5/14/74

DRY 74 WET 52 PRES 24.39

MPG 13.70

MAKE TOYOTA MODEL CORO YEAR 69 CYL. 4 CID 116 WEIGHT 2500 TRANS 4 EXH CTRL 1 EVAP CTRL 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	03.50	-0175	-08	+00	0	2	1	0	1	0	076050
AFTER MAINT	00.70	-0100	-07	+02	0	2	1	0	1	0	076050
AFTER 6 MO	03.00	+0000	-01	+01	0	1	1	0	1	0	081896

	IG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	1	2	1	1	1	2	2	2	1	1	1	1	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	5.16	7.09	6.76	6.59
CO	120.7	156.9	170.9	153.?
C2	328.3	348.0	261.9	320.0
NX	2.69	1.44	0.84	1.54

	IDLE	LO CR	HI CR	2500
HC	4433	5320	4169	
LH	301	678	508	
CO	3.66	11.22	11.06	
NX	034	196	275	
HS	210	360	250	750
CS	3.20	8.40	9.10	3.60

TEST C0952 DATE 11/13/73

DRY 75 WET 52 PRES 24.50

MPG 15.32

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	4.70	3.89	5.01	4.37
CO	141.3	149.2	150.2	147.8
C2	288.3	350.1	277.6	317.1
NX	1.32	0.76	1.01	0.95

	IDLE	LO CR	HI CR	2500
HC	2796	1567	2639	
LH	439	234	324	
CO	1.00	4.41	6.40	
NX	090	522	1100	
HS	150	080	140	210
CS	0.50	3.40	4.70	1.60

TEST C0981 DATE 11/14/73

DRY 71 WET 48 PRES 24.51

MPG 15.82

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	5.80	6.21	4.27	5.59
CO	144.8	170.2	142.3	157.2
C2	281.9	275.9	235.5	266.0
NX	1.59	0.52	0.79	0.82

	IDLE	LO CR	HI CR	2500
HC	3069	5446	3736	
LH	191	421	290	
CO	3.52	10.92	7.95	
NX	046	245	454	
HS	205	415	320	900
CS	3.20	9.00	7.70	5.70

TEST C1165 DATE 5/15/74

DRY 74 WET 53 PRES 24.34

MPG 16.79

MAKE TOYOTA MODEL CORO YEAR 70 CYL. 4 CID 113 WEIGHT 2500 TRANS 4 EXH CTRL 1 EVAP CTRL 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX	ODOM
AS RECEIVED	00.21	+0200	+05	-02	1	1	1	0	1	0	051836
AFTER MAINT	00.15	+0270	-04	-05	1	1	1	0	1	0	051836
AFTER 6 MO	07.40	+0050	+00	+00	1	1	1	0	2	0	060987

	TG WS	COIL	SPRKS	AIR/F	A/C	F/MX S	IDL/AJ	CHK	DIST AJ	PTS AJ	COND	RTR	DST CAP	RPV
TAMP. 6 MO	2	2	2	2	1	2	2	2	2	2	2	2	2	2

AS RECEIVED

	CT	CS	HT	1975
HC	8.29	4.92	4.46	5.50
CO	135.8	042.0	042.5	061.7
C2	337.2	399.1	324.8	365.6
NX	2.49	3.19	3.24	3.06

	IDLE	LO CR	HI CR	2500
HC	5732	2697	2703	
LH	855	302	310	
CO	0.32	0.21	0.39	
NX	132	2299	3654	
HS	400	510	160	110
CS	0.25	0.20	0.40	0.20

TEST C0978 DATE 11/14/73

DRY 72 WET 49 PRES 24.46

MPG 18.56

AFTER MAINTENANCE

	CT	CS	HT	1975
HC	6.68	3.44	3.23	4.06
CO	088.4	016.1	023.6	033.3
C2	334.3	433.6	343.1	387.7
NX	2.33	4.09	3.38	3.53

	IDLE	LO CR	HI CR	2500
HC	1726	2205	2693	
LH	227	258	319	
CO	0.23	0.27	2.00	
NX	186	1834	2888	
HS	170	130	170	145
CS	0.19	0.27	1.80	2.00

TEST C0982 DATE 11/15/73

DRY 75 WET 49 PRES 24.77

MPG 19.67

AFTER 6 MONTHS

	CT	CS	HT	1975
HC	4.73	5.44	4.09	4.92
CO	078.9	116.1	070.0	095.5
C2	305.3	305.9	258.0	292.5
NX	2.72	1.31	1.91	1.77

	IDLE	LO CR	HI CR	2500
HC	7417	5529	3976	
LH	435	384	273	
CO	8.86	4.83	2.40	
NX	084	599	1994	
HS	475	450	330	350
CS	7.50	4.40	2.30	1.90

TEST C1166 DATE 5/15/74

DRY 80 WET 53 PRES 24.32

MPG 19.45

SECTION III

Section III Initial Inspection Data

The following pages contain the results of the initial emissions inspection made at the start of the high altitude vehicular emission control program. Data for 300 vehicles is presented. From this group, 250 vehicles were selected as candidates for retest at six month intervals (see Sections I and II).

Figure III-1 is a reproduction of a typical set of data. To assist investigators in using the data, a line by line explanation of the data follows.

1 VEH. NO. 063 TEST SEQ. 1 YEAR 67 MAKE PLYMOUTH MODEL FURY ODOMETER 042005 NO. CYL. 8 CID 318

2 CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

3

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
From owner	05.00	+0240	+12	+07	1	1	1	0	1	0
From station	02.40	-0200	+12	-02	1	2	1	0	2	0

4

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0340	1400	01.90	01.60	2	003.50
AFT.RPM.ADJ	0520	1700	00.20	01.60	2	002.00
AFT.TI ADJ1	0000	0000	00.00	00.00	00.00	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	00.00	000.00
FINAL	0400	0300	00.20	01.30	1	

5 ADDL RPRS 005.50 EST 000.00

6 Test No. C0103 Date 08/22/73 Dry 75 Wet 59 Pres 24.80 Test No. C0122 Date 08/23/73 Dry 74 Wet 60 Pres 24.76

7

	CT	CS	HI	1975
HC	13.17	10.77	06.59	10.11
CO	0227.3	0189.3	0084.1	0168.1
CO2	0354.8	0365.2	0367.2	0363.6
NOX	01.01	01.02	03.39	01.68

8

	IDLE	LO CR	HI CR	2500
HC	06013	05220	04302	
LHC	0795	0659	0443	
CO	05.76	04.87	03.19	
NOX	0070	0857	1396	
HCSUN	0760	0595	0360	1900
COSUN	05.00	04.75	03.25	02.90

9 MPG 13.50

	CT	CS	HI	1975
HC	16.91	10.00	06.89	10.58
CO	0237.2	0169.9	0082.6	0159.8
CO2	0368.8	0352.6	0357.1	0356.2
NOX	01.11	00.79	03.35	01.57

	IDLE	LO CR	HI CR	2500
HC	06157	05378	04442	
LHC	1124	0895	0507	
CO	02.86	04.29	02.93	
NOX	0061	0998	1512	
HCSUN	0800	0760	0420	0520
COSUN	02.40	04.00	02.80	02.60

MPG 13.90

Figure III-1 Typical Initial Test Data

Line (1) Vehicle Identification Data

Vehicle No: Sequential number assigned each vehicle at start of program and retained throughout its history of testing.

Test Sequence No: The original sample of 300 vehicles were assigned to one or more subgroups to satisfy the requirements of the test program. Numer codes identify these assignments.

Code No.	Assignment
1	Inspection/maintenance fleet
2	Tune-up evaluation
3	High altitude retrofit w/maintenance
4	Sea level retrofit w/maintenance
5	Sea level and high level retrofits
6	High level retrofit w/o maintenance
7	Sea level retrofit w/o maintenance
2-7*	Mandatory maintenance fleet

Year: Last two digits of vehicle model year

Make: Manufacturer of vehicle

Model: Manufacturer's model designation

Odometer: Accumulated mileage

No. Cyl: Engine cylinders

CID: Engine displacement in cubic inches

*At the conclusion of the subgroup test programs 2 through 7, the vehicles were restored to their initial configurations and were transferred to the mandatory maintenance program.

Line (2) Additional Vehicle Data

Carb. Vent: Number of venturi chambers or barrels

Trans: Transmission code "1" = automatic, "3" = 3 speed, "4" = 4 speed

Weight: Vehicle curb weight in pounds

Exh. Con, Evap. Con, PCV: "1" = installed, "2" = not installed

Line (3) Initial Vehicle Checks

Idle CO: Carbon monoxide in mole %

Idle RPM: Measured reading minus manufacturer's specification

Timing: Measured timing in degrees minus manufacturer's specification

Dwell: Measured dwell in degrees minus manufacturer's specification

The next six items in line 3 are coded answers to the following questions.

Question	Answer
PCV ok?	"0" = NA, "1" = yes, "2" = no
Air cleaner ok?	"1" = yes, "2" = no
Choke ok?	"0" = NA, "1" = yes, "2" = no
Air pump ok?	"0" = NA, "1" = yes, "2" = no
Misfire?	"1" = yes, "2" = no
NO_x control ok?	"0" = NA, "1" = yes, "2" = no

"From Owner" are laboratory readings obtained on garage type equipment.

"From Station" are laboratory readings repeated after vehicles had been submitted to participating service centers for testing and maintenance (if vehicle failed program emission standards at service center).

Line (4) Garage Data

Participating service centers were asked to keep test records for each vehicle and to follow prescribed test sequences. The operators were supplied Sun EPA-75 HC/CO instrumentation and the following pass/fail limits:

Model Year	Allowable HC	CO
1964 - 1967	800 ppm	6.0%
1968 - 1973	330 ppm	4.0%

Readings were made at idle and at 2500 rpm for both HC and CO. The "CODE" column is the serviceman's decision on pass/fail.

CODE	
1	HC/CO Emissions ok
2	HC emissions above allowable
3	CO emissions above allowable
4	HC and CO emissions above allowables

The left column indicates the test sequence followed by participating service centers.

1. Initial. Measure HC/CO. If vehicle passes, stop.
2. After RPM Adj. For any failures, check idle RPM and adjust if necessary. Measure HC/CO. If vehicle passes, stop.
3. After Tl Adj.1 If vehicle fails CO, adjust carburetor idle mixture screw and RPM. Measure HC/CO. If vehicle passes, stop.
4. After Tl Adj.2 If vehicle fails HC, adjust timing if out of specification. Measure HC/CO.
5. Final. Last check of HC/CO readings before return of vehicle to laboratory.

Cost: Labor charges for each step in the service center procedure are recorded in the last column.

Line (5). Repair costs to bring the vehicle into compliance by the service center are recorded as the first entry.

For vehicles not meeting specification at the final test and requiring more than the $50 maximum allowed by the test program, the service center operator was asked to estimate the repair cost to effect compliance. This is the second entry on Line (5).

Line (6) Laboratory Test Data

Laboratory test sequence number, data, dry and wet bulb temperatures in degrees F. and barometric pressure.

Line (7) Federal Test Procedure Data

Laboratory standard exhaust emission tests were performed according to procedures prescribed in the Federal Register, Volume 38, Number 124, Part III, dated June 28, 1973. Listed are CT (Cold Transient), CS (Cold Stabilized) HT (Hot Transient) and 1975 (Final Test Results Calculated From Preceding Values). The units for CT, CS, and HT are grams/test phase. The final result is given in grams/vehicle mile.

Recorded are readings for "HC" (hydrocarbons), "CO" (carbon monoxide), "C2" (carbon dioxide) and "NX" (nitrogen oxides). Readings "As Received" and "After Maintenance" will be identical for those vehicles passing the test standards during their initial idle inspections.

Two sets of readings were made. The initial set is for the vehicle as received from the vehicle owner. The second set is a retest at the laboratory after the vehicle had been submitted to a participating service center.

Line (8) Laboratory Idle/Loaded Mode Test.

Additional lab tests were performed using idle and loaded modes of vehicle operation. The first three columns in each set give the results of dynamometer testing using procedures prescribed by Clayton Manufacturing Company with the vehicles in an "Idle" mode, "LO CR" (low cruise) and "HI CR" (high cruise) modes. An unloaded test with engine RPM set to 2500 RPM completes the listing.

Data is recorded for:

HC = ppm carbon using flame ionization detector (Beckman 400)

LH = ppm hydrocarbons, as hexane using non-dispersive infrared instrumentation (Beckman 315A)

CO = mole % carbon monoxide using non-dispersive infrared instrumentation (Beckman 315A)

NX = ppm oxides of nitrogen as NO using chemiluminescent detector (Thermo Electron 10A)

HS = ppm hydrocarbons as hexane using non-dispersive infrared instrumentation (Sun EPA 75)

CS = mole % carbon monoxide using non-dispersive infrared instrumentation (Sun EPA 75)

Line (9) Fuel economy in miles per gallon calculated from the Federal Emission Test Data

VEH.NO. 001 TEST SEQ. 1 YEAR 65 MAKE OLDSMOBILE MODEL DELT ODOMETER 040150 NO.CYL. 8 CID 425

CARB.VENT. 4 TRANS. 1 WEIGHT 4500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.59	+0125	-05	-01	2	1	1	0	2	0
FROM STATION	05.59	+0125	-05	-01	2	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0320	0150	04.20	04.80	1	004.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0320	0150	04.20	04.80	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0001 DATE 08/07/73 DRY 76 WET 60 PRES 24.65

	CT	CS	HT	1975
HC	19.26	06.28	05.60	08.81
CO	0247.5	0118.6	0106.6	0142.3
CO2	0483.2	0513.5	0477.5	0497.2
NOX	01.66	01.50	02.01	01.68

	IDLE	LO CR	HI CR	2500	
HC	05022	03438	03366		
LHC	0439	0293	0264		
CO	05.87	03.01	03.52		
NOX	0047	0802	1240		
HCSUN	0385	0246	0220	0140	
COSUN	06.25	03.30	03.50	04.70	

MPG 11.90

TEST NO.C0001 DATE 08/07/73 DRY 76 WET 60 PRES 24.65

	CT	CS	HT	1975
HC	19.26	06.28	05.50	08.81
CO	0247.5	0118.6	0106.6	0142.3
CO2	0483.2	0513.5	0477.5	0497.2
NOX	01.66	01.50	02.01	01.68

	IDLE	LO CR	HI CR	2500	
HC	05022	03438	03366		
LHC	0439	0293	0264		
CO	05.87	03.01	03.52		
NOX	0047	0802	1240		
HCSUN	0385	0246	0220	0140	
COSUN	06.25	03.30	03.50	04.70	

MPG 11.90

VEH.NO. 002 TEST SEQ. 1 YEAR 67 MAKE MERCURY MODEL COUG ODOMETER 070863 NO.CYL. 8 CID 289

CARB.VENT. 4 TRANS. 1 WEIGHT 3500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	07.50	-0075	-10	+03	1	1	1	0	2	0
FROM STATION	03.60	-0125	-06	+02	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0500	0520	07.40	05.90	3	002.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0400	0460	03.10	06.80	1	005.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0400	0520	03.10	03.10	1	

ADDL PRRS 030.00 EST 000.00

TEST NO.C0003 DATE 08/07/73 DRY 74 WET 57 PRES 24.65

	CT	CS	HT	1975
HC	17.95	10.42	10.21	11.94
CO	0178.6	0168.1	0187.0	0175.6
CO2	0402.2	0425.3	0352.9	0400.4
NOX	01.78	01.65	01.08	01.52

	IDLE	LO CR	HI CR	2500	
HC	07647	06680	06773		
LHC	0726	0888	0856		
CO	08.03	06.93	09.93		
NOX	0090	0549	0202		
HCSUN	0600	0810	0765	0580	
COSUN	07.60	06.80	09.60	06.80	

MPG 12.48

TEST NO.C0015 DATE 08/10/73 DRY 75 WET 55 PRES 24.75

	CT	CS	HT	1975
HC	17.65	09.92	08.92	11.26
CO	0096.4	0098.7	0095.0	0092.0
CO2	0472.3	0425.2	0380.2	0422.6
NOX	04.42	02.63	03.02	03.11

	IDLE	LO CR	HI CR	2500	
HC	10592	05434	05070		
LHC	1195	0716	0598		
CO	04.26	01.99	02.01		
NOX	0103	2161	2560		
HCSUN	0910	0590	0500	0350	
COSUN	04.00	02.05	02.10	03.30	

MPG 14.78

VEH.NO. 003 TEST SEQ. 1 YEAR 66 MAKE BUICK MODEL LESA ODOMETER 022750 NO.CYL. 8 CID 340

CARB.VENT. 4 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.90	+0130	+13	-01	1	1	1	0	1	0
FROM STATION	05.00	+0130	+00	-02	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	1000	0400	01.60	05.00	4	003.50
AFT.RPM.ADJ	1550	0550	01.35	03.60	2	001.50
AFT.TI ADJ1	1200	1000	00.00	07.60	4	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	001.50
FINAL	0795	0300	05.60	05.20	1	

ADDL RPRS 010.75 EST 000.00

TEST NO.C0002 DATE 08/07/73 DRY 72 WET 58 PRES 24.64

	CT	CS	HT	1975
HC	07.50	06.78	06.27	06.79
CO	0188.7	0144.1	0156.0	0156.8
CO2	0408.2	0416.3	0367.1	0401.0
NOX	01.62	01.37	01.47	01.45

	IDLE	LO CR	HI CR	2500	
HC	07776	04349	04502		
LHC	1185	0504	0484		
CO	03.18	07.07	11.08		
NOX	0076	0457	0235		
HCSUN	0800	0430	0405	1650	
COSUN	03.10	06.90	20.00	05.40	

MPG 13.32

TEST NO.C0007 DATE 08/08/73 DRY 76 WET 59 PRES 24.77

	CT	CS	HT	1975
HC	09.25	06.78	05.35	07.05
CO	0198.8	0164.1	0161.8	0170.7
CO2	0402.1	0405.6	0359.7	0392.1
NOX	00.87	00.62	00.87	00.74

	IDLE	LO CR	HI CR	2500	
HC	04730	03563	04047		
LHC	0458	0388	0415		
CO	05.11	05.97	10.67		
NOX	0044	0233	0155		
HCSUN	0420	0335	0350	0325	
COSUN	05.00	07.10	20.00	06.20	

MPG 13.05

VEH.NO. 004 TEST SEQ. 1 YEAR 67 MAKE BUICK MODEL SPEC ODOMETER 048935 NO.CYL. 8 CID 300

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.30	-0040	+12	+02	1	1	1	0	2	0
FROM STATION	05.30	+0075	+00	+01	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0600	0090	09.00	03.05	3	004.50
AFT.RPM.ADJ	0310	0160	07.50	04.40	3	001.80
AFT.TI ADJ1	0400	0130	05.60	03.60	1	001.80
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0400	0130	05.60	03.60	1	

ADDL PRRS 000.00 EST 000.00

TEST NO.C0005 DATE 08/08/73 DRY 73 WET 60 PRES 24.75

	CT	CS	HT	1975
HC	19.97	08.35	06.84	10.36
CO	0239.8	0163.2	0153.5	0176.5
CO2	0405.3	0393.4	0357.7	0386.0
NOX	01.10	00.56	01.13	00.83

	IDLE	LO CR	HI CR	2500	
HC	05303	03799	05055		
LHC	0484	0398	0533		
CO	06.58	04.59	10.90		
NOX	0035	0481	0131		
HCSUN	0455	0365	0460	0280	
COSUN	06.90	04.60	20.00	04.30	

MPG 12.80

TEST NO.C0013 DATE 08/09/73 DRY 80 WET 56 PRES 24.79

	CT	CS	HT	1975
HC	18.61	05.90	05.93	08.57
CO	0230.2	0145.4	0131.2	0159.2
CO2	0385.9	0388.8	0344.4	0375.9
NOX	00.92	00.47	01.03	00.72

	IDLE	LO CR	HI CR	2500	
HC	04514	03879	05040		
LHC	0476	0404	0535		
CO	05.27	05.28	10.79		
NOX	0042	0457	0133		
HCSUN	0390	0355	0440	0245	
COSUN	05.30	04.70	20.00	03.50	

MPG 13.64

VEH.NO. 006 TEST SEQ. 1 YEAR 67 MAKE CADILLAC MODEL SEDA ODOMETER 104304 NO.CYL. 8 CID 429

CARB.VENT. 4 TRANS. 1 WEIGHT 5000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	09.10	+0040	+05	+00	1	1	1	0	2	0
FROM STATION	06.70	+0050	+02	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0530	0420	08.40	05.40	3	001.50
AFT.RPM.ADJ	0620	0380	08.00	04.80	4	000.00
AFT.TI ADJ1	0500	0180	05.00	03.80	1	003.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0500	0180	05.00	03.80	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0006 DATE 08/08/73 DRY 80 WET 60 PRES 24.75

	CT	CS	HT	1975
HC	13.07	11.74	09.14	11.30
CO	0237.8	0243.0	0180.5	0224.6
CO2	0605.7	0505.5	0483.3	0520.3
NOX	02.02	01.01	02.04	01.51

	IDLE	LO CR	HI CR	2500	
HC	09593	04336	03515		
LHC	0674	0502	0305		
CO	09.83	04.79	04.52		
NOX	0025	0607	0783		
HCSUN	0600	0445	0245	0370	
COSUN	09.70	04.80	04.10	06.00	

MPG 09.80

TEST NO.C0012 DATE 08/09/73 DRY 75 WET 56 PRES 24.79

	CT	CS	HT	1975
HC	11.68	09.78	07.32	09.66
CO	0235.7	0232.9	0169.7	0216.0
CO2	0569.6	0476.5	0463.6	0492.4
NOX	01.70	00.83	01.87	01.30

	IDLE	LO CR	HI CR	2500	
HC	05714	04372	03476		
LHC	0573	0502	0296		
CO	07.00	04.78	03.48		
NOX	0035	0621	1034		
HCSUN	0470	0420	0240	0365	
COSUN	07.00	04.65	03.40	06.20	

MPG 10.33

VEH.NO. 007 TEST SEQ. 1 YEAR 66 MAKE CHEVROLET MODEL IMPA ODOMETER 043884 NO.CYL. 8 CID 327

CARB.VENT. 4 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.40	-0050	-32	-05	2	1	1	0	2	0
FROM STATION	03.30	+0120	-01	+01	2	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	2000	1900	00.10	06.00	2	005.50
AFT.RPM.ADJ	1700	1900	02.00	06.00	2	003.30
AFT.TI ADJ1	0200	0175	01.50	04.50	1	003.30
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0200	0175	01.50	04.50	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0010 DATE 08/09/73 DRY 77 WET 58 PRES 24.79

	CT	CS	HT	1975
HC	06.63	06.98	07.16	06.96
CO	0118.2	0104.2	0102.9	0106.8
CO2	0441.6	0409.2	0381.4	0408.3
NOX	02.88	01.80	02.64	02.26

	IDLE	LO CR	HI CR	2500	
HC	04274	03771	03301		
LHC	0554	0409	0316		
CO	02.04	04.10	03.73		
NOX	0427	1236	1540		
HCSUN	0415	0320	0245	0535	
COSUN	01.65	04.20	03.80	04.60	

MPG 14.89

TEST NO.C0019 DATE 08/10/73 DRY 78 WET 54 PRES 24.75

	CT	CS	HT	1975
HC	06.74	05.17	05.57	05.64
CO	0125.0	0119.3	0108.0	0117.3
CO2	0433.6	0426.7	0391.9	0418.5
NOX	01.54	00.93	01.49	01.21

	IDLE	LO CR	HI CR	2500	
HC	03735	03755	03180		
LHC	0402	0375	0273		
CO	03.45	04.45	03.37		
NOX	0175	0807	1220		
HCSUN	0370	0330	0235	0245	
COSUN	03.80	04.10	03.50	04.60	

MPG 14.35

VEH.NO. 008 TEST SEQ. 1 YEAR 64 MAKE VOLKSWAGON MODEL SEDA ODOMETER 105861 NO.CYL. 4 CID 073

CARB.VENT. 1 TRANS. 4 WEIGHT 2000 EXH.CON. 2 EVAP.CON. 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.40	+0330	-22	-15	0	2	1	0	2	0
FROM STATION	04.40	+0330	-22	-15	0	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0400	0600	02.50	04.70	1	005.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0400	0600	02.50	04.70	1	

ADDL PRRS 000.00 EST 000.00

TEST NO.C0009 DATE 08/09/73 DRY 75 WET 58 PRES 24.80

	CT	CS	HT	1975
HC	06.73	08.27	05.43	07.16
CO	0070.3	0075.7	0061.0	0070.5
CO2	0207.7	0213.9	0195.2	0207.4
NOX	01.83	01.29	01.69	01.51

	IDLE	LO CR	HI CR	2500	
HC	06165	04917	04530		
LHC	0533	0563	0406		
CO	04.73	04.48	05.68		
NOX	0059	1293	1540		
HCSUN	0405	0420	0300	0355	
COSUN	04.65	04.30	05.50	06.90	

MPG 26.13

TEST NO.C0009 DATE 08/09/73 DRY 75 WET 58 PRES 24.80

	CT	CS	HT	1975
HC	06.73	08.27	05.43	07.16
CO	0070.3	0075.7	0061.0	0070.5
CO2	0207.7	0213.9	0195.2	0207.4
NOX	01.83	01.29	01.69	01.51

	IDLE	LO CR	HI CR	2500	
HC	06165	04917	04530		
LHC	0533	0563	0406		
CO	04.73	04.48	05.68		
NOX	0059	1293	1540		
HCSUN	0405	0420	0300	0355	
COSUN	04.65	04.30	05.50	06.90	

MPG 26.13

VEH.NO. 010 TEST SEQ. 1 YEAR 66 MAKE CHRYSLER MODEL 300 ODOMETER 066648 NO.CYL. 8 CID 383

CARB.VENT. 4 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	08.52	+0190	+07	-05	1	2	1	0	2	0
FROM STATION	06.07	+0080	+00	+03	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0325	0175	06.90	05.00	3	000.00
AFT.RPM.ADJ	0320	0200	06.90	05.50	3	000.00
AFT.TI ADJ1	0220	0400	02.60	01.75	1	012.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0220	0400	02.60	01.75	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0008 DATE 08/08/73 DRY 83 WET 58 PRES 24.75

	CT	CS	HT	1975
HC	12.14	09.79	08.51	09.93
CO	0242.4	0179.4	0161.3	0187.6
CO2	0475.4	0452.5	0435.1	0452.5
NOX	01.76	01.49	02.44	01.81

	IDLE	LO CR	HI CR	2500	
HC	08313	05223	05240		
LHC	0734	0559	0500		
CO	09.01	05.73	07.49		
NOX	0028	0908	0734		
HCSUN	0820	0590	0510	0350	
COSUN	09.80	05.80	07.70	06.40	

MPG 11.44

TEST NO.C0016 DATE 08/10/73 DRY 78 WET 56 PRES 24.74

	CT	CS	HT	1975
HC	28.01	08.54	07.22	12.25
CO	0304.1	0147.5	0134.1	0176.6
CO2	0401.5	0462.9	0432.8	0441.7
NOX	00.93	01.60	02.27	01.65

	IDLE	LO CR	HI CR	2500	
HC	05468	05298	05294		
LHC	0603	0580	0530		
CO	06.39	06.10	07.38		
NOX	0060	0793	0782		
HCSUN	0620	0510	0430	0280	
COSUN	07.00	06.10	07.40	06.10	

MPG 11.75

VEH.NO. 011 TEST SEQ. 1 YEAR 66 MAKE CHEVROLET MODEL CHE2 ODOMETER 072251 NO.CYL. 6 CID 194

CARB.VENT. 1 TRANS. 3 WEIGHT 3000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	09.50	-0065	-03	-02	1	2	1	0	2	0
FROM STATION	08.00	-0115	-03	+01	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0400	0250	08.00	04.80	3	005.50
AFT.RPM.ADJ	0400	0300	06.90	04.80	3	000.00
AFT.TI ADJ1	0450	0300	04.20	04.80	1	005.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0450	0300	04.70	04.80	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0011 DATE 08/09/73 DRY 84 WET 61 PRES 24.79

	CT	CS	HT	1975
HC	12.58	10.41	09.66	10.66
CO	0118.1	0117.2	0099.1	0112.4
CO2	0323.1	0336.6	0251.0	0310.0
NOX	02.58	02.20	02.12	02.26

	IDLE	LO CR	HI CR	2500	
HC	15629	03974	05675		
LHC	0815	0447	0645		
CO	10.16	01.62	09.82		
NOX	0024	2073	0200		
HCSUN	0720	0335	0475	0385	
COSUN	09.60	01.85	09.50	06.90	

MPG 17.12

TEST NO.C0026 DATE 08/13/73 DRY 78 WET 58 PRES 24.93

	CT	CS	HT	1975
HC	14.89	11.06	09.14	11.33
CO	0111.6	0134.1	0092.3	0117.8
CO2	0280.1	0256.4	0245.1	0258.2
NOX	02.03	00.88	02.00	01.44

	IDLE	LO CR	HI CR	2500	
HC	15775	04606	05642		
LHC	0894	0498	0510		
CO	08.98	02.59	08.17		
NOX	0025	1982	0342		
HCSUN	0730	0365	0450	0385	
COSUN	08.70	02.60	08.20	05.90	

MPG 18.59

VEH.NO. 012 TEST SEQ. 1 YEAR 67 MAKE CHRYSLER MODEL STAW ODOMETER 063004 NO.CYL. 8 CID 383

CARB.VENT. 4 TRANS. 1 WEIGHT 5000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.85	+0140	+00	+04	1	1	1	0	2	0
FROM STATION	03.85	+0140	+00	+04	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0200	0090	03.50	02.70	1	002.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0200	0090	03.50	02.70	1	

ADDL RPRS 000.50 EST 000.00

TEST NO.C0017 DATE 08/10/73 DRY 78 WET 55 PRES 24.75

	CT	CS	HT	1975
HC	17.12	05.27	04.84	07.63
CO	0233.0	0091.8	0078.7	0117.7
CO2	0499.4	0562.4	0511.7	0535.1
NOX	01.90	02.04	02.97	02.27

	IDLE	LO CR	HI CR	2500	
HC	04076	03862	03679		
LHC	0484	0330	0273		
CO	04.25	03.50	03.86		
NOX	0092	1032	1465		
HCSUN	0380	0360	0230	0140	
COSUN	04.10	03.50	04.10	03.30	

MPG 11.97

TEST NO.C0017 DATE 08/10/73 DRY 78 WET 55 PRES 24.75

	CT	CS	HT	1975
HC	17.12	05.27	04.84	07.63
CO	0233.0	0091.8	0078.7	0117.7
CO2	0499.4	0562.4	0511.7	0535.1
NOX	01.90	02.04	02.97	02.27

	IDLE	LO CR	HI CR	2500	
HC	04076	03862	03679		
LHC	0484	0330	0273		
CO	04.25	03.50	03.86		
NOX	0092	1032	1465		
HCSUN	0380	0360	0230	0140	
COSUN	04.10	03.50	04.10	03.30	

MPG 11.97

VEH.NO. 013 TEST SEQ. 1 YEAR 65 MAKE DODGE MODEL DART ODOMETER 032679 NO.CYL. 6 CID 225

CARB.VENT. 1 TRANS. 1 WEIGHT 3000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.20	-0010	+07	+01	1	1	2	0	2	0
FROM STATION	03.20	-0010	+07	+01	1	1	2	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0210	0170	01.50	01.30	1	003.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0210	0170	01.50	01.30	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0014 DATE 08/10/73 DRY 70 WET 56 PRES 24.75

	CT	CS	HT	1975
HC	09.17	03.43	02.93	04.49
CO	0149.8	0047.4	0050.0	0069.5
CO2	0347.9	0361.9	0338.9	0352.6
NOX	03.59	04.75	05.44	04.70

	IDLE	LO CR	HI CR	2500	
HC	04086	02861	02741		
LHC	0468	0264	0229		
CO	03.29	00.92	01.49		
NOX	0278	3377	3464		
HCSUN	0405	0205	0190	0185	
COSUN	03.35	01.00	01.60	01.75	

MPG 18.71

TEST NO.C0014 DATE 08/10/73 DRY 70 WET 56 PRES 24.75

	CT	CS	HT	1975
HC	09.17	03.43	02.93	04.49
CO	0149.8	0047.4	0050.0	0069.5
CO2	0347.9	0361.9	0338.9	0352.6
NOX	03.59	04.75	05.44	04.70

	IDLE	LO CR	HI CR	2500	
HC	04086	02861	02741		
LHC	0468	0264	0229		
CO	03.29	00.92	01.49		
NOX	0278	3377	3464		
HCSUN	0405	0205	0190	0185	
COSUN	03.35	01.00	01.60	01.75	

MPG 18.71

VEH.NO. 014 TEST SEQ. 1 YEAR 64 MAKE CHEVROLET MODEL CHE? ODOMETER 049237 NO.CYL. 6 CID 194

CARB.VENT. 1 TRANS. 3 WEIGHT 3000 EXH.CON. ? EVAP.CON. ? PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.09	-0100	-12	+02	1	1	1	0	2	0
FROM STATION	00.09	-0100	-12	+02	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0320	0260	00.20	01.40	1	004.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0320	0260	00.20	01.40	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0018 DATE 08/10/73 DRY 78 WET 56 PRES 24.75

	CT	CS	HT	1975
HC	13.48	09.31	07.02	09.55
CO	0109.0	0107.9	0075.0	0099.0
CO2	0280.5	0263.1	0247.6	0262.5
NOX	01.80	00.99	01.73	01.37

	IDLE	LO CR	HI CR	2500	
HC	06665	04288	05044		
LHC	0958	0431	0502		
CO	00.14	02.83	10.20		
NOX	0043	2071	0176		
HCSUN	0640	0365	0415	0365	
COSUN	00.15	02.90	09.80	04.30	

MPG 19.87

TEST NO.C0018 DATE 08/10/73 DRY 78 WET 56 PRES 24.75

	CT	CS	HT	1975
HC	13.48	09.31	07.02	09.55
CO	0109.0	0107.9	0075.0	0099.0
CO2	0280.5	0263.1	0247.6	0262.5
NOX	01.80	00.99	01.73	01.37

	IDLE	LO CR	HI CR	2500	
HC	06665	04288	05044		
LHC	0958	0431	0502		
CO	00.14	02.83	10.20		
NOX	0043	2071	0176		
HCSUN	0640	0365	0415	0365	
COSUN	00.15	02.90	09.80	04.30	

MPG 19.87

VEH.NO. 015 TEST SEQ. 4 YEAR 67 MAKE FORD MODEL STAW ODOMETER 060240 NO.CYL. 8 CID 289

CARB.VENT. 2 TRANS. 3 WEIGHT 3500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	08.60	-0075	+00	+00	1	1	1	0	2	0
FROM STATION	06.20	-0095	+00	+01	1	1	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0390	0200	07.50	04.80	3	005.00
AFT.RPM.ADJ	0355	0200	08.80	05.00	3	001.00
AFT.TI ADJ1	0450	0190	04.50	04.80	1	001.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0450	0190	04.50	04.80	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0021 DATE 08/13/73 DRY 77 WET 60 PRES 24.94

	CT	CS	HT	1975
HC	13.65	15.31	09.79	13.43
CO	0126.5	0171.4	0115.2	0146.4
CO2	0331.4	0303.4	0276.4	0301.8
NOX	01.09	00.40	00.87	00.67

	IDLE	LO CR	HI CR	2500	
HC	19106	05136	05100		
LHC	0848	0589	0613		
CO	08.87	04.35	04.95		
NOX	0014	0687	0604		
HCSUN	0720	0460	0485	0345	
COSUN	09.40	04.50	04.90	05.90	

MPG 15.51

TEST NO.C0027 DATE 08/14/73 DRY 73 WET 55 PRES 24.80

	CT	CS	HT	1975
HC	11.78	10.42	09.30	10.39
CO	0125.1	0134.7	0106.3	0124.8
CO2	0382.2	0376.5	0316.3	0361.0
NOX	01.03	00.59	01.00	00.80

	IDLE	LO CR	HI CR	2500	
HC	08713	05531	04784		
LHC	0737	0640	0525		
CO	06.90	04.29	04.41		
NOX	0035	0759	0596		
HCSUN	0550	0410	0315	0305	
COSUN	06.75	04.40	04.40	06.30	

MPG 15.10

VEH.NO. 016 TEST SEQ. 1 YEAR 67 MAKE FORD MODEL FALC ODOMETER 059003 NO.CYL. 8 CID 289

CARB.VENT. 2 TRANS. 1 WEIGHT 3000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.10	+0045	+00	+00	1	2	1	0	?	0
FROM STATION	06.10	+0045	+00	+00	1	2	1	0	?	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0350	0250	05.10	05.00	1	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0350	0250	05.10	05.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0022 DATE 08/13/73 DRY 76 WET 59 PRES 24.94

	CT	CS	HT	1975
HC	07.47	07.38	06.23	07.08
CO	0096.9	0134.8	0106.0	0118.9
CO2	0398.8	0362.8	0332.0	0361.8
NOX	02.50	01.10	01.67	01.55

	IDLE	LO CR	HI CR	2500	
HC	05167	05372	05561		
LHC	0600	0672	0618		
CO	06.52	04.22	07.52		
NOX	0070	0894	0293		
HCSUN	0450	0560	0500	0365	
COSUN	06.50	04.20	07.80	06.40	

MPG 15.60

TEST NO.C0022 DATE 08/13/73 DRY 76 WET 59 PRES 24.94

	CT	CS	HT	1975
HC	07.47	07.38	06.23	07.08
CO	0096.9	0134.8	0106.0	0118.9
CO2	0398.8	0362.8	0332.0	0361.8
NOX	02.50	01.10	01.67	01.55

	IDLE	LO CR	HI CR	2500	
HC	05167	05372	05561		
LHC	0600	0672	0618		
CO	06.52	04.22	07.52		
NOX	0070	0894	0293		
HCSUN	0450	0560	0500	0365	
COSUN	06.50	04.20	07.80	06.40	

MPG 15.60

VEH.NO. 017 TEST SEQ. 4 YEAR 66 MAKE CHEVROLET MODEL BISC ODOMETER 051045 NO.CYL. 8 CID 283

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	OWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.30	+0190	-18	-01	1	2	2	0	2	0
FROM STATION	06.30	+0190	-18	-01	1	2	2	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0750	0500	05.00	05.00	1	001.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.20
AFT.TI ADJ2	0200	0000	00.00	00.00	0	000.00
FINAL	0750	0502	05.00	05.20	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C00020 DATE 08/13/73 DRY 75 WET 62 PRES 24.94

	CT	CS	HT	1975
HC	16.09	09.43	08.02	10.43
CO	0211.5	0169.6	0148.8	0172.6
CO2	0385.7	0370.5	0339.2	0365.0
NOX	02.18	01.21	01.67	01.54

	IDLE	LO CR	HI CR	2500	
HC	06007	05153	04177		
LHC	0746	0610	0425		
CO	06.77	06.09	04.01		
NOX	0082	0647	1723		
HCSUN	0590	0440	0295	0420	
COSUN	06.70	05.80	04.10	05.90	

MPG 13.31

TEST NO.C00020 DATE 08/13/73 DRY 75 WET 62 PRES 24.94

	CT	CS	HT	1975
HC	16.09	09.43	08.02	10.43
CO	0211.5	0169.6	0148.8	0172.6
CO2	0385.7	0370.5	0339.2	0365.0
NOX	02.18	01.21	01.67	01.54

	IDLE	LO CR	HI CR	2500	
HC	06007	05153	04177		
LHC	0746	0610	0425		
CO	06.77	06.09	04.01		
NOX	0082	0647	1723		
HCSUN	0590	0440	0295	0420	
COSUN	06.70	05.80	04.10	05.90	

MPG 13.31

VEH.NO. 019 TEST SEQ. 1 YEAR 65 MAKE RAMBLER MODEL CLAS ODOMETER 062545 NO.CYL. 6 CID 232

CARB.VENT. 1 TRANS. 3 WEIGHT 3000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.07	+0070	-06	+01	1	1	1	0	2	0
FROM STATION	05.56	-0030	+00	+01	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0440	0340	08.60	07.80	3	004.50
AFT.RPM.ADJ	0440	0220	07.80	05.60	3	001.50
AFT.TI ADJ1	0400	0220	05.60	04.40	1	001.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0400	0220	05.60	04.40	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0023 DATE 08/13/73 DRY 78 WET 58 PRES 24.93

	CT	CS	HT	1975
HC	08.25	08.09	05.33	07.36
CO	0119.1	0121.3	0097.9	0114.4
CO2	0287.4	0262.4	0263.2	0267.9
NOX	01.74	00.87	01.61	01.26

	IDLE	LO CR	HI CR	2500	
HC	11888	04273	04998		
LHC	0725	0409	0498		
CO	09.22	04.93	10.04		
NOX	0030	1025	0201		
HCSUN	0555	0330	0385	0310	
COSUN	08.70	04.80	09.80	05.60	

MPG 18.92

TEST NO.C0034 DATE 08/14/73 DRY 78 WET 61 PRES 24.77

	CT	CS	HT	1975
HC	06.08	05.24	04.46	05.20
CO	0102.0	0080.9	0075.8	0083.9
CO2	0251.6	0253.0	0246.1	0250.8
NOX	01.46	00.94	01.72	01.26

	IDLE	LO CR	HI CR	2500	
HC	06952	04201	04837		
LHC	0648	0417	0501		
CO	06.90	03.99	08.18		
NOX	0041	1208	0333		
HCSUN	0620	0380	0450	0250	
COSUN	05.80	03.60	08.00	02.80	

MPG 22.32

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VEH.NO. 020 TEST SEQ. 1 YEAR 67 MAKE OLDSMOBILE MODEL DELT ODOMETER 089113 NO.CYL. 8 CID 425

CARB.VENT. 4 TRANS. 1 WEIGHT 4500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.60	+0040	+00	+02	1	2	1	0	2	0
FROM STATION	03.60	+0020	+00	+02	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	2500	2500	02.00	01.50	2	005.50
AFT.RPM.ADJ	2500	2500	01.60	01.00	2	003.30
AFT.TI ADJ1	0400	0300	04.20	02.00	1	003.30
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0400	0300	04.20	02.00	1	

ADDL RPRS 003.30 EST 000.00

TEST NO.C0025 DATE 08/13/73 DRY 79 WET 59 PRES 24.93

	CT	CS	HT	1975
HC	09.93	07.28	07.03	07.77
CO	0167.8	0126.9	0110.1	0130.8
CO2	0546.5	0500.7	0461.7	0499.5
NOX	02.11	01.49	01.95	01.75

	IDLE	LO CR	HI CR	2500	
HC	05888	04602	03936		
LHC	0650	0443	0309		
CO	06.16	03.96	03.70		
NOX	0055	0639	0953		
HCSUN	0415	0300	0210	0280	
COSUN	05.80	03.90	03.60	05.70	

MPG 12.21

TEST NO.C0433 DATE 08/14/73 DRY 78 WET 59 PRES 24.78

	CT	CS	HT	1975
HC	08.20	06.50	05.53	06.58
CO	0123.2	0122.9	0099.7	0116.6
CO2	0512.4	0507.3	0446.5	0491.5
NOX	02.47	01.52	02.11	01.88

	IDLE	LO CR	HI CR	2500	
HC	04177	03732	03522		
LHC	0442	0327	0257		
CO	03.90	02.70	03.59		
NOX	0090	0968	1109		
HCSUN	0430	0330	0250	0370	
COSUN	03.50	02.35	03.45	06.50	

MPG 12.81

VEH.NO. 021 TEST SEQ. 4 YEAR 67 MAKE PLYMOUTH MODEL BELV ODOMETER 070009 NO.CYL. 8 CID 273

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.30	+0080	-01	+01	1	1	2	0	2	0
FROM STATION	06.30	+0080	-01	+01	1	1	2	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0370	0250	01.80	03.00	1	006.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0370	0250	01.80	03.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0028 DATE 08/14/73 DRY 71 WET 55 PRES 24.80

	CT	CS	HT	1975
HC	11.37	10.85	07.35	09.98
CO	0201.0	0189.4	0104.4	0168.2
CO2	0361.0	0350.9	0354.8	0354.1
NOX	01.45	01.06	02.92	01.66

	IDLE	LO CR	HI CR	2500	
HC	05573	04380	04489		
LHC	0573	0491	0442		
CO	07.20	02.93	05.48		
NOX	0056	1633	0852		
HCSUN	0410	0345	0305	0350	
COSUN	06.75	03.00	05.20	04.90	

MPG 13.70

TEST NO.C0028 DATE 08/14/73 DRY 71 WET 55 PRES 24.80

	CT	CS	HT	1975
HC	11.37	10.85	07.35	09.98
CO	0201.0	0189.4	0104.4	0168.2
CO2	0361.0	0350.9	0354.8	0354.1
NOX	01.45	01.06	02.92	01.66

	IDLE	LO CR	HI CR	2500	
HC	05573	04380	04489		
LHC	0573	0491	0442		
CO	07.20	02.93	05.48		
NOX	0056	1633	0852		
HCSUN	0410	0345	0305	0350	
COSUN	06.75	03.00	05.20	04.90	

MPG 13.70

VEH.NO. 022 TEST SEQ. 1 YEAR 71 MAKE CHEVROLET MODEL VEGA ODOMETER 040186 NO.CYL. 4 CID 140

CARB.VENT. 2 TRANS. 4 WEIGHT 2500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	08.52	-0040	+00	+00	1	2	1	0	2	1
FROM STATION	05.20	-0060	+00	+00	1	2	1	0	2	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0230	0090	06.90	04.00	3	005.50
AFT.RPM.ADJ	0230	0090	06.80	03.50	3	003.30
AFT.TI ADJ1	0160	0065	03.10	02.75	1	003.30
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0160	0065	03.10	02.75	1	

ADDL PRRS 000.00 EST 000.00

TEST NO.C0033 DATE 08/14/73 DRY 80 WET 61 PRES 24.73

	CT	CS	HT	1975
HC	07.85	08.12	06.03	07.49
CO	0083.0	0088.0	0081.5	0085.1
CO2	0293.6	0330.8	0264.4	0304.6
NOX	01.96	01.32	01.91	01.62

	IDLE	LO CR	HI CR	2500	
HC	06785	04023	04057		
LHC	0579	0255	0313		
CO	09.20	03.39	03.95		
NOX	0057	0475	1446		
HCSUN	0580	0200	0280	0750	
COSUN	09.50	03.50	04.00	03.40	

MPG 19.28

TEST NO.C0043 DATE 08/15/73 DRY 71 WET 56 PRES 24.82

	CT	CS	HT	1975
HC	08.25	04.49	04.51	05.31
CO	0080.4	0066.6	0066.1	0069.3
CO2	0292.4	0320.2	0259.3	0297.5
NOX	01.84	01.48	01.91	01.67

	IDLE	LO CR	HI CR	2500	
HC	04902	03889	04056		
LHC	0380	0220	0309		
CO	05.43	03.01	03.86		
NOX	0089	0497	1424		
HCSUN	0610	0300	0440	0300	
COSUN	05.20	03.10	04.00	03.10	

MPG 21.05

VEH.NO. 023 TEST SEQ. 1 YEAR 73 MAKE FORD MODEL STAW ODOMETER 003001 NO.CYL. 8 CID 400

CARB.VENT. 2 TRANS. 1 WEIGHT 5000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.80	-0145	+08	-02	2	1	1	0	1	1
FROM STATION	01.02	-0005	+00	-01	2	1	1	0	1	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0450	0110	01.70	01.50	2	003.50
AFT.RPM.ADJ	0300	0070	00.50	00.50	1	002.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0300	0070	00.50	00.50	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.CC0031 DATE 08/14/73 DRY 76 WET 58 PRES 24.78

	CT	CS	HT	1975
HC	05.01	03.72	03.68	03.98
CO	0091.7	0069.5	0069.0	0073.7
CO2	0645.2	0635.8	0564.3	0618.0
NOX	06.53	03.15	05.85	04.61

	IDLE	LO CR	HI CR	2500	
HC	03450	02904	02530		
LHC	0337	0248	0189		
CO	03.15	01.47	01.49		
NOX	0114	2867	3430		
HCSUN	0320	0230	0170	0400	
COSUN	03.00	01.60	01.55	01.80	

MPG 11.93

TEST NO.CC0041 DATE 08/15/73 DRY 72 WET 56 PRES 24.78

	CT	CS	HT	1975
HC	04.50	03.50	03.30	03.65
CO	0087.5	0065.9	0064.3	0070.0
CO2	0678.3	0685.1	0602.5	0660.8
NOX	06.71	03.03	05.60	04.51

	IDLE	LO CR	HI CR	2500	
HC	02854	02562	02377		
LHC	0274	0229	0188		
CO	01.01	01.32	01.39		
NOX	0265	3225	3757		
HCSUN	0400	0320	0340	2500	
COSUN	01.00	01.20	01.50	01.10	

MPG 11.39

VEH.NO. 024 TEST SEQ. 1 YEAR 64 MAKE CHRYSLER MODEL NEWP ODOMETER 099340 NO.CYL. 8 CID 361

CARB.VENT. 2 TRANS. 1 WEIGHT 4500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.90	+0220	+00	+03	1	2	1	0	2	0
FROM STATION	01.08	+0190	+00	+03	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0380	0490	08.00	08.80	3	000.00
AFT.RPM.ADJ	0380	0150	08.00	08.50	3	000.00
AFT.TI ADJ1	0140	0150	01.50	09.00	3	000.00
AFT.TI ADJ2	0160	0180	01.20	08.50	3	012.00
FINAL	0120	0120	00.60	03.70	1	

ADDL RPRS 030.57 EST 000.00

TEST NO.C0024 DATE 08/13/73 DRY 78 WET 58 PRES 24.93

	CT	CS	HT	1975
HC	11.18	06.81	06.43	07.62
CO	0271.2	0210.1	0203.7	0221.1
CO2	0443.0	0459.3	0382.8	0434.7
NOX	00.62	00.57	00.59	00.59

	IDLE	LO CR	HI CR	2500	
HC	06111	05267	04944		
LHC	0765	0552	0466		
CO	07.39	09.52	09.12		
NOX	0066	0130	0192		
HCSUN	0520	0385	0300	0220	
COSUN	07.30	09.10	08.80	09.30	

MPG 11.05

TEST NO.C0042 DATE 08/15/73 DRY 78 WET 58 PRES 24.78

	CT	CS	HT	1975
HC	09.25	04.57	04.70	05.59
CO	0223.7	0096.5	0123.6	0125.5
CO2	0433.5	0491.5	0403.3	0454.9
NOX	00.92	01.27	01.13	01.16

	IDLE	LO CR	HI CR	2500	
HC	03208	04252	04305		
LHC	0343	0442	0410		
CO	01.20	06.53	06.99		
NOX	0163	0348	0544		
HCSUN	0600	0740	0710	0320	
COSUN	01.20	06.50	07.10	05.20	

MPG 13.30

VEH.NO. 025 TEST SEQ. 4 YEAR 66 MAKE DODGE MODEL VAN ODOMETER 054740 NO.CYL. 8 CID 273

CARB.VENT. 2 TRANS. 3 WEIGHT 3500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	07.70	+0030	+13	-03	1	1	1	0	2	0
FROM STATION	07.70	+0030	+13	-03	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0500	0240	06.80	07.00	1	004.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0500	0240	06.80	07.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0032 DATE 08/14/73 DRY 79 WET 60 PRES 24.78

	CT	CS	HT	1975
HC	15.82	28.82	14.76	22.20
CO	0124.3	0206.9	0167.3	0178.7
CO2	0313.9	0254.2	0242.7	0263.5
NOX	02.49	00.56	00.93	01.07

	IDLE	LO CR	HI CR	2500	
HC	11411	06062	04845		
LHC	0704	0748	0526		
CO	08.96	08.45	05.65		
NOX	0040	0367	1106		
HCSUN	0640	0700	0480	0200	
COSUN	08.40	08.20	07.80	03.60	

MPG 14.50

TEST NO.C0032 DATE 08/14/73 DRY 79 WET 60 PRES 24.78

	CT	CS	HT	1975
HC	15.82	28.82	14.76	22.20
CO	0124.3	0206.9	0167.3	0178.7
CO2	0313.9	0254.2	0242.7	0263.5
NOX	02.49	00.56	00.93	01.07

	IDLE	LO CR	HI CR	2500	
HC	11411	06062	04845		
LHC	0704	0748	0526		
CO	08.96	08.45	05.65		
NOX	0040	0367	1106		
HCSUN	0640	0700	0480	0200	
COSUN	08.40	08.20	07.80	03.60	

MPG 14.50

VEH.NO. 026 TEST SEQ. 1 YEAR 65 MAKE CADILLAC MODEL DEVI ODOMETER 084961 NO.CYL. 8 CID 429

CARB.VENT. 4 TRANS. 1 WEIGHT 5000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.95	+0020	+00	+01	1	1	1	0	2	0
FROM STATION	05.95	+0020	+00	+01	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0280	0080	04.00	01.00	1	002.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0280	0080	04.00	01.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0029 DATE 08/14/73 DRY 73 WET 56 PRES 24.80

	CT	CS	HT	1975
HC	07.39	05.88	05.22	06.01
CO	0099.8	0083.8	0075.9	0085.0
CO2	0578.1	0539.5	0493.2	0534.8
NOX	04.50	04.60	04.35	04.51

	IDLE	LO CR	HI CR	2500	
HC	04859	03516	03263		
LHC	0518	0329	0251		
CO	06.36	00.83	01.60		
NOX	0073	2162	1995		
HCSUN	0370	0235	0165	0125	
COSUN	06.10	00.80	01.70	01.05	

MPG 12.96

TEST NO.C0029 DATE 08/14/73 DRY 73 WET 56 PRES 24.80

	CT	CS	HT	1975
HC	07.39	05.88	05.22	06.01
CO	0099.8	0083.8	0075.9	0085.0
CO2	0578.1	0539.5	0493.2	0534.8
NOX	04.50	04.60	04.35	04.51

	IDLE	LO CR	HI CR	2500	
HC	04859	03516	03263		
LHC	0518	0329	0251		
CO	06.36	00.83	01.60		
NOX	0073	2162	1995		
HCSUN	0370	0235	0165	0125	
COSUN	06.10	00.80	01.70	01.05	

MPG 12.96

VEH.NO. 027 TEST SEQ. 1 YEAR 65 MAKE MERCURY MODEL MONR ODOMETER 072548 NO.CYL. 8 CID 390

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.01	-0025	+00	+02	2	2	2	0	1	0
FROM STATION	01.01	-0025	+00	+02	2	2	2	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0800	0350	00.20	00.40	1	004.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0800	0350	00.20	00.40	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0030 DATE 08/14/73 DRY 76 WET 55 PRES 24.78

	CT	CS	HT	1975
HC	10.43	05.54	06.28	07.28
CO	0178.0	0093.7	0093.5	0111.3
CO2	0486.6	0501.9	0440.2	0481.6
NOX	01.56	01.54	01.90	01.64

	IDLE	LO CR	HI CR	2500	
HC	05150	04646	04065		
LHC	0747	0527	0356		
CO	01.17	04.51	02.74		
NOX	0144	0849	1479		
HCSUN	0950	0510	0334	0390	
COSUN	01.15	04.35	02.65	05.50	

MPG 13.11

TEST NO.C0030 DATE 08/14/73 DRY 76 WET 55 PRES 24.78

	CT	CS	HT	1975
HC	10.43	05.54	06.28	07.28
CO	0178.0	0093.7	0093.5	0111.3
CO2	0486.6	0501.9	0440.2	0481.6
NOX	01.56	01.54	01.90	01.64

	IDLE	LO CR	HI CR	2500	
HC	05150	04646	04065		
LHC	0747	0527	0356		
CO	01.17	04.51	02.74		
NOX	0144	0849	1479		
HCSUN	0950	0510	0334	0390	
COSUN	01.15	04.35	02.65	05.50	

MPG 13.11

VEH.NO. 028 TEST SEQ. 4 YEAR 64 MAKE OLDSMOBILE MODEL STAW ODOMETER 089020 NO.CYL. 8 CID 330

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	11.20	+0000	+03	-10	0	2	2	0	2	0
FROM STATION	07.10	-0100	-07	-16	0	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	2500	1600	20.00	09.40	4	004.50
AFT.RPM.ADJ	2500	1600	20.00	08.00	4	001.50
AFT.TI ADJ1	0600	0500	02.00	02.80	1	003.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0600	0500	04.00	02.80	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C00035 DATE 08/15/73 DRY 68 WET 55 PRES 24.87

	CT	CS	HT	1975
HC	14.56	17.39	12.17	15.35
CO	0195.4	0206.0	0199.6	0202.0
CO2	0468.1	0395.3	0402.8	0412.6
NOX	02.28	01.05	01.66	01.47

	IDLE	LO CR	HI CR	2500	
HC	38839	05481	05504		
LHC	1373	0513	0541		
CO	10.09	07.18	09.08		
NOX	0005	0356	0305		
HCSUN	1720	0535	0500	0800	
COSUN	20.00	07.40	09.80	05.20	

MPG 11.44

TEST NO.C00044 DATE 08/16/73 DRY 70 WET 54 PRES 24.80

	CT	CS	HT	1975
HC	08.69	07.61	07.01	07.67
CO	0152.6	0158.0	0149.1	0154.4
CO2	0448.6	0408.8	0389.3	0411.7
NOX	01.52	00.72	01.13	01.00

	IDLE	LO CR	HI CR	2500	
HC	06214	04354	05080		
LHC	0717	0449	0480		
CO	07.73	04.12	09.91		
NOX	0044	0619	0162		
HCSUN	1050	0580	0600	0375	
COSUN	07.80	04.00	09.80	04.10	

MPG 13.13

VEH.NO. 029 TEST SEQ. 4 YEAR 65 MAKE PONTIAC MODEL TEMP ODOMETER 059585 NO.CYL. 8 CID 326

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	07.30	-0010	-12	+02	1	1	1	0	2	0
FROM STATION	07.30	-0010	-12	+02	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0250	0115	01.80	01.20	1	005.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0250	0115	01.80	01.20	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0036 DATE 08/15/73 DRY 68 WET 54 PRES 24.87

	CT	CS	HT	1975
HC	15.56	10.61	08.81	11.15
CO	0234.1	0193.7	0163.8	0193.9
CO2	0396.4	0366.8	0328.7	0362.4
NOX	00.71	00.52	00.72	00.61

	IDLE	LO CR	HI CR	2500	
HC	08490	04474	05992		
LHC	0945	0463	0632		
CO	08.41	03.02	11.41		
NOX	0035	0529	0097		
HCSUN	0760	0360	0520	0375	
COSUN	08.20	03.20	20.00	05.15	

MPG 12.68

TEST NO.C0036 DATE 08/15/73 DRY 68 WET 54 PRES 24.87

	CT	CS	HT	1975
HC	15.56	10.61	08.81	11.15
CO	0234.1	0193.7	0163.8	0193.9
CO2	0396.4	0366.8	0328.7	0362.4
NOX	00.71	00.52	00.72	00.61

	IDLE	LO CR	HI CR	2500	
HC	08490	04474	05992		
LHC	0945	0463	0632		
CO	08.41	03.02	11.41		
NOX	0035	0529	0097		
HCSUN	0760	0360	0520	0375	
COSUN	08.20	03.20	20.00	05.15	

MPG 12.68

VEH.NO. 030 TEST SEQ. 1 YEAR 64 MAKE CADILLAC MODEL DEVI ODOMETER 048156 NO.CYL. 8 CID 429

CARB.VENT. 4 TRANS. 1 WEIGHT 5000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.60	+0915	+00	+00	2	2	1	0	2	0
FROM STATION	00.11	+0090	+00	+02	2	2	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0300	0380	06.10	06.40	3	002.50
AFT.RPM.ADJ	0240	0360	02.40	06.30	3	002.50
AFT.TI ADJ1	0220	0240	01.20	05.30	3	002.50
AFT.TI ADJ2	0220	0300	01.50	04.10	1	002.50
FINAL	0220	0300	01.50	04.10	1	

ADDL PRRS 000.00 EST 000.00

TEST NO.C0037 DATE 08/15/73 DRY 69 WET 55 PRES 24.87

	CT	CS	HT	1975
HC	09.76	09.78	07.99	09.28
CO	0230.2	0194.5	0194.8	0202.0
CO2	0579.5	0615.2	0500.3	0575.8
NOX	02.01	02.10	01.93	02.03

	IDLE	LO CR	HI CR	2500	
HC	04645	04520	04653		
LHC	0436	0409	0421		
CO	05.96	06.08	07.45		
NOX	0072	0639	0484		
HCSUN	0390	0343	0345	0390	
COSUN	05.95	06.10	07.70	05.90	

MPG 09.65

TEST NO.C0056 DATE 08/16/73 DRY 76 WET 58 PRES 24.67

	CT	CS	HT	1975
HC	08.88	08.82	08.16	08.65
CO	0203.4	0149.6	0183.2	0170.2
CO2	0572.5	0610.6	0493.0	0570.0
NOX	01.93	02.05	01.83	01.96

	IDLE	LO CR	HI CR	2500	
HC	03910	04356	04724		
LHC	0414	0425	0467		
CO	00.14	06.20	08.93		
NOX	0069	0596	0316		
HCSUN	0500	0710	0660	0700	
COSUN	00.17	06.50	09.00	06.20	

MPG 10.30

VEH.NO. 031 TEST SEQ. 1 YEAR 64 MAKE CHEVROLET MODEL IMPA ODOMETER 060672 NO.CYL. 8 CID 327

CARB.VENT. 4 TRANS. 1 WEIGHT 3500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.10	+0030	+00	+01	0	2	2	0	?	0
FROM STATION	02.60	-0025	+01	+02	0	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0740	0360	05.60	08.00	3	002.50
AFT.RPM.ADJ	0620	0300	02.20	06.60	3	005.35
AFT.TI ADJ1	0330	0200	05.70	07.20	3	000.00
AFT.TI ADJ2	0160	0170	01.50	06.80	3	000.00
FINAL	0700	0900	04.00	09.00	4	

ADDL RPRS 042.72 EST 000.00

TEST NO.C0038 DATE 08/15/73 DRY 71 WET 55 PRES 24.87

	CT	CS	HT	1975
HC	08.85	08.81	06.72	08.24
CO	0143.5	0171.3	0125.0	0152.9
CO2	0418.8	0367.6	0361.2	0376.5
NOX	02.00	00.75	01.64	01.26

	IDLE	LO CR	HI CR	2500	
HC	05797	05178	04202		
LHC	0557	0588	0419		
CO	06.65	06.46	03.05		
NOX	0064	0359	1461		
HCSUN	0670	0550	0360	0405	
COSUN	06.45	06.60	03.40	06.20	

MPG 13.86

TEST NO.C0073 DATE 08/18/73 DRY 74 WET 62 PRES 24.76

	CT	CS	HT	1975
HC	08.02	08.04	07.55	07.90
CO	0139.0	0169.4	0126.0	0151.0
CO2	0395.9	0337.1	0323.5	0345.6
NOX	02.36	00.56	01.58	01.25

	IDLE	LO CR	HI CR	2500	
HC	03504	06115	04185		
LHC	0898	0656	0392		
CO	03.90	08.55	01.86		
NOX	0048	0178	2017		
HCSUN	1050	0940	0500	0780	
COSUN	03.00	08.50	02.00	08.50	

MPG 14.55

VEH.NO. 033 TEST SEQ. 1 YEAR 65 MAKE FORD MODEL MUST ODOMETER 065042 NO.CYL. 6 CID 200

CARB.VENT. 1 TRANS. 1 WEIGHT 3000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.80	+0140	+00	-01	1	2	1	0	2	0
FROM STATION	01.44	-0100	+00	-01	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0680	0410	04.20	04.80	2	001.50
AFT.RPM.ADJ	0880	0410	04.20	04.80	2	001.50
AFT.TI ADJ1	0860	0500	03.80	05.00	2	001.50
AFT.TI ADJ2	0780	0520	02.20	05.20	1	001.50
FINAL	0780	0520	02.20	05.20	1	

ADDL PRRS 000.00 EST 000.00

TEST NO.C0039 DATE 08/15/73 DRY 73 WET 56 PRES 24.88

	CT	CS	HT	1975
HC	10.60	05.56	05.72	06.66
CO	0197.5	0092.1	0129.3	0124.5
CO2	0331.8	0341.2	0301.3	0328.2
NOX	01.14	01.96	01.28	01.60

	IDLE	LO CR	HI CR	2500	
HC	05154	04472	05339		
LHC	0608	0494	0516		
CO	05.36	03.62	10.78		
NOX	0084	1251	0185		
HCSUN	0720	0505	0500		0360
COSUN	04.95	03.65	20.00		06.40

MPG 16.35

TEST NO.C0057 DATE 08/16/73 DRY 74 WET 58 PRES 24.76

	CT	CS	HT	1975
HC	14.59	04.91	04.78	06.90
CO	0201.3	0087.5	0112.1	0118.2
CO2	0354.4	0354.2	0287.8	0335.8
NOX	01.26	01.98	01.42	01.67

	IDLE	LO CR	HI CR	2500	
HC	04306	04278	04143		
LHC	0542	0471	0408		
CO	01.59	03.15	03.93		
NOX	0119	1423	1140		
HCSUN	0800	0700	0580		0500
COSUN	01.80	03.40	04.00		06.00

MPG 16.40

VEH.NO. 035 TEST SEQ. 4 YEAR 65 MAKE DODGE MODEL POLA ODOMETER 064463 NO.CYL. 8 CID 383

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.30	+0240	+02	-03	1	1	1	0	2	0
FROM STATION	04.30	+0240	+02	-03	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0240	0120	03.00	02.00	1	006.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0240	0120	03.00	02.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0046 DATE 08/16/73 DRY 73 WET 55 PRES 24.78

	CT	CS	HT	1975
HC	10.54	06.88	06.32	07.49
CO	0195.4	0132.7	0133.0	0145.9
CO2	0453.6	0494.0	0432.7	0468.5
NOX	01.85	02.08	02.09	02.03

	IDLE	LO CR	HI CR	2500	
HC	04359	04574	04565		
LHC	0475	0531	0464		
CO	04.70	04.62	06.37		
NOX	0073	0828	0606		
HCSUN	0595	0665	0550	0270	
COSUN	04.50	04.40	06.10	02.30	

MPG 12.35

TEST NO.C0046 DATE 08/16/73 DRY 73 WET 55 PRES 24.78

	CT	CS	HT	1975
HC	10.54	06.88	06.32	07.49
CO	0195.4	0132.7	0133.0	0145.9
CO2	0453.6	0494.0	0432.7	0468.5
NOX	01.85	02.08	02.09	02.03

	IDLE	LO CR	HI CR	2500	
HC	04359	04574	04565		
LHC	0475	0531	0464		
CO	04.70	04.62	06.37		
NOX	0073	0828	0506		
HCSUN	0595	0665	0550	0270	
COSUN	04.50	04.40	06.10	02.30	

MPG 12.35

VEH.NO. 036 TEST SEQ. 1 YEAR 65 MAKE BUICK MODEL SKYL ODOMETER 075400 NO.CYL. 8 CID 300

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MTS	NOX
FROM OWNER	05.70	-0010	+07	-06	1	2	2	0	2	0
FROM STATION	05.07	+0040	+02	-05	1	2	2	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	2500	2500	02.60	04.00	4	003.50
AFT.RPM.ADJ	2500	2500	02.20	01.00	4	002.00
AFT.TI ADJ1	2000	2500	01.50	03.80	4	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0600	0280	01.00	04.00	1	

ADDL REPS 010.80 EST 000.00

TEST NO.C0050 DATE 08/16/73 DRY 77 WET 56 PRES 24.77

	CT	CS	HT	1975
HC	31.06	26.41	24.41	26.83
CO	0174.1	0128.6	0121.0	0136.0
CO2	0375.1	0352.5	0324.9	0349.6
NOX	01.81	01.35	01.60	01.52

	IDLE	LO CR	HI CR	2500	
HC	22115	18761	21871		
LHC	1955	1866	1920		
CO	07.51	04.66	07.54		
NOX	0035	0641	0369		
HCSUN	2500	2500	2500	2500	
COSUN	06.80	04.40	07.20	05.65	

MPG 13.74

TEST NO.C0068 DATE 08/17/73 DRY 73 WET 58 PRES 24.77

	CT	CS	HT	1975
HC	06.91	04.49	05.91	05.39
CO	0155.3	0113.5	0109.3	0123.8
CO2	0436.9	0421.7	0370.0	0410.6
NOX	01.42	00.91	01.16	01.09

	IDLE	LO CR	HI CR	2500	
HC	03716	03528	03612		
LHC	0312	0296	0290		
CO	05.53	04.98	06.08		
NOX	0063	0376	0527		
HCSUN	0450	0440	0400	0250	
COSUN	05.40	05.00	06.00	05.70	

MPG 14.32

VEH.NO. 037 TEST SEQ. 4 YEAR 64 MAKE FORD MODEL FAIR ODOMETER 052629 NO.CYL. 8 CID 289

CARB.VENT. 2 TRANS. 3 WEIGHT 3500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.57	-0137	+06	+05	2	2	1	0	1	0
FROM STATION	06.60	+0000	+06	+05	2	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	1100	0180	00.30	03.00	2	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0460	0150	03.80	03.00	1	005.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0460	0150	03.80	03.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.00045 DATE 08/16/73 DRY 72 WET 54 PRES 24.78

	CT	CS	HT	1975
HC	09.16	09.67	07.09	08.85
CO	0113.0	0152.7	0098.8	0129.5
CO2	0459.1	0422.5	0393.4	0422.1
NOX	02.66	01.05	02.04	01.67

	IDLE	LO CR	HI CR	2500	
HC	05717	04199	03958		
LHC	0802	0435	0441		
CO	00.71	03.93	03.28		
NOX	0049	0577	1453		
HCSUN	1620	0495	0525	0340	
COSUN	00.70	03.95	03.30	04.40	

MPG 13.63

TEST NO.00082 DATE 08/20/73 DRY 79 WET 59 PRES 24.37

	CT	CS	HT	1975
HC	11.85	12.68	09.33	11.58
CO	0114.5	0161.7	0101.8	0135.2
CO2	0400.9	0371.1	0348.5	0371.1
NOX	02.16	01.03	01.77	01.47

	IDLE	LO CR	HI CR	2500	
HC	11025	04030	03575		
LHC	0930	0410	0342		
CO	07.02	03.50	03.07		
NOX	0032	0605	1502		
HCSUN	0850	0285	0240	0230	
COSUN	07.00	03.45	03.15	04.31	

MPG 14.35

VEH.NO. 038 TEST SEQ. 1 YEAR 66 MAKE FORD MODEL GALA ODOMETER 054529 NO.CYL. 8 CID 390

CARB.VENT. 4 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.00	+0120	+04	+01	1	1	1	0	2	0
FROM STATION	03.00	+0120	+04	+01	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0190	0220	01.60	03.60	1	004.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0190	0220	01.60	03.60	1	

ADDL PRS 000.00 EST 000.00

TEST NO.C0049 DATE 08/16/73 DRY 78 WET 57 PRES 24.77

	CT	CS	HT	1975
HC	09.06	08.04	07.22	08.02
CO	0190.8	0172.6	0139.8	0167.3
CO2	0671.6	0593.2	0596.6	0610.5
NOX	04.38	02.25	04.45	03.31

	IDLE	LO CR	HI CR	2500	
HC	03745	04115	03575		
LHC	0434	0426	0299		
CO	03.76	04.75	03.59		
NOX	0105	1017	1919		
HCSUN	0560	0520	0345	0485	
COSUN	03.15	04.40	03.45	06.00	

MPG 09.91

TEST NO.C0049 DATE 08/16/73 DRY 78 WET 57 PRES 24.77

	CT	CS	HT	1975
HC	09.06	08.04	07.22	08.02
CO	0190.8	0172.6	0139.8	0167.3
CO2	0671.6	0593.2	0596.6	0610.5
NOX	04.38	02.25	04.45	03.31

	IDLE	LO CR	HI CR	2500	
HC	03745	04115	03575		
LHC	0434	0426	0299		
CO	03.76	04.75	03.59		
NOX	0105	1017	1919		
HCSUN	0560	0520	0345	0485	
COSUN	03.15	04.40	03.45	06.00	

MPG 09.91

VEH.NO. 039 TEST SEQ. 2 YEAR 68 MAKE PONTIAC MODEL VENT ODOMETER 069716 NO.CYL. 8 CID 428

CARB.VENT. 4 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.60	+0150	+03	+03	1	1	1	0	2	0
FROM STATION	01.60	-0080	+00	+01	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0550	0150	04.00	01.70	2	005.50
AFT.RPM.ADJ	0200	0110	02.40	02.40	1	005.50
AFT.TT ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0200	0110	02.40	02.40	1	

ADDL PRRS 000.00 EST 000.00

TEST NO.C0062 DATE 08/17/73 DRY 75 WET 56 PRES 24.75

	CT	CS	HT	1975
HC	04.44	05.02	03.87	04.58
CO	0086.0	0127.7	0078.3	0105.3
CO2	0484.0	0473.4	0437.6	0465.7
NOX	02.89	01.35	02.93	02.12

	IDLE	LO CR	HI CR	2500	
HC	03464	03156	03147		
LHC	0330	0318	0286		
CO	03.88	02.07	03.49		
NOX	0111	1594	1384		
HCSUN	0530	0480	0410	0285	
COSUN	03.60	02.00	03.40	02.30	

MPG 13.80

TEST NO.C0083 DATE 08/20/73 DRY 78 WET 62 PRES 24.94

	CT	CS	HT	1975
HC	05.71	04.71	04.11	04.75
CO	0108.1	0109.3	0076.8	0100.0
CO2	0526.0	0512.4	0454.7	0499.2
NOX	03.33	02.20	03.70	02.85

	IDLE	LO CR	HI CR	2500	
HC	03240	03234	03101		
LHC	0322	0356	0289		
CO	01.72	02.98	03.18		
NOX	0107	1421	1602		
HCSUN	0240	0180	0200	0140	
COSUN	01.80	03.00	02.80	01.90	

MPG 13.27

VEH.NO. 040 TEST SEQ. 4 YEAR 58 MAKE FORD MODEL CUST ODOMETER 019445 NO.CYL. 8 CID 302

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.80	+0050	+06	+03	2	1	1	0	2	0
FROM STATION	01.88	+0050	+06	-07	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0400	0180	02.00	01.00	2	001.50
AFT.RPM.ADJ	0400	0180	02.00	01.00	2	001.50
AFT.TI ADJ1	0400	0100	01.20	01.10	2	001.50
AFT.TI ADJ2	0400	0200	01.30	00.80	2	001.50
FINAL	0260	0140	00.80	00.70	1	

ADDL RPRS 014.34 EST 000.00

TEST NO.C0048 DATE 08/16/73 DRY 77 WET 58 PRES 24.78

	CT	CS	HT	1975
HC	05.69	04.39	03.97	04.55
CO	0065.4	0047.5	0038.8	0048.8
CO2	0511.8	0527.3	0457.4	0504.7
NOX	05.52	04.84	06.22	05.37

	IDLE	LO CR	HI CR	2500	
HC	03340	03589	03181		
LHC	0330	0384	0284		
CO	03.09	00.55	00.26		
NOX	0185	3112	3882		
HCSUN	0470	0485	0343	0210	
COSUN	03.15	00.60	00.32	01.40	

MPG 14.95

TEST NO.C0063 DATE 08/17/73 DRY 77 WET 56 PRES 24.75

	CT	CS	HT	1975
HC	04.94	03.81	03.51	03.99
CO	0046.7	0029.8	0026.9	0032.0
CO2	0480.1	0505.5	0439.7	0481.9
NOX	04.52	03.44	05.14	04.14

	IDLE	LO CR	HI CR	2500	
HC	03109	03463	03048		
LHC	0291	0348	0259		
CO	01.98	00.43	00.24		
NOX	0219	2821	3718		
HCSUN	0470	0505	0370	0220	
COSUN	02.10	00.50	00.30	01.10	

MPG 16.35

VEH.NO. 041 TEST SEQ. 4 YEAR 70 MAKE CHEVROLET MODEL NOVA ODOMETER 030980 NO.CYL. 6 CID 230

CARB.VENT. 2 TRANS. 1 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	08.20	+0100	+16	-13	2	1	1	1	2	0
FROM STATION	01.00	+0050	+16	-13	2	1	1	1	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0250	0050	07.00	00.60	4	005.50
AFT.RPM.ADJ	0200	0050	07.50	01.00	4	003.30
AFT.TI ADJ1	0120	0025	01.40	00.50	1	003.30
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0120	0025	01.40	00.50	1	

ADDL PRS 000.00 EST 000.00

TEST NO.C0047 DATE 08/16/73 DRY 75 WET 56 PRES 24.78

	CT	CS	HT	1975
HC	04.93	04.60	03.95	04.49
CO	0072.5	0064.0	0053.3	0062.8
CO2	0435.4	0417.3	0366.0	0406.9
NOX	04.01	02.97	04.30	03.56

	IDLE	LO CR	HI CR	2500	
HC	05848	03987	03962		
LHC	0708	0409	0368		
CO	09.96	01.50	03.95		
NOX	0068	1892	1299		
HCSUN	0360	0480	0430	0130	
COSUN	08.70	01.60	03.95	00.70	

MPG 17.14

TEST NO.C0059 DATE 08/17/73 DRY 74 WET 59 PRES 24.75

	CT	CS	HT	1975
HC	04.82	02.71	02.91	03.21
CO	0093.5	0027.1	0039.5	0042.3
CO2	0464.0	0532.9	0401.9	0482.2
NOX	02.79	02.63	03.11	02.80

	IDLE	LO CR	HI CR	2500	
HC	02522	02178	04404		
LHC	0252	0147	0358		
CO	01.06	00.64	08.99		
NOX	0225	1380	0307		
HCSUN	0440	0225	0500	0075	
COSUN	01.15	00.70	08.75	00.38	

MPG 15.94

VEH.NO. 042 TEST SEQ. 4 YEAR 69 MAKE PLYMOUTH MODEL BELV ODOMETER 039269 NO.CYL. 8 CID 318

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.90	+0250	+00	+03	1	1	1	0	2	0
FROM STATION	02.30	-0130	+00	+03	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0460	0420	05.00	02.10	4	002.50
AFT.RPM.ADJ	0480	0420	05.20	02.40	4	002.50
AFT.TI ADJ1	0300	0380	01.30	01.40	1	002.50
AFT.TI ADJ2	0280	0300	01.20	02.00	1	002.50
FINAL	0300	0300	01.30	02.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0061 DATE 08/17/73 DRY 74 WET 54 PRES 24.74

	CT	CS	HT	1975
HC	06.03	05.72	04.67	05.49
CO	0081.5	0074.6	0055.9	0071.1
CO2	0438.6	0456.8	0405.6	0438.8
NOX	03.41	03.36	03.82	03.50

	IDLE	LO CR	HI CR	2500	
HC	04667	04266	03929		
LHC	0481	0461	0358		
CO	06.27	00.87	02.48		
NOX	0078	2470	1635		
HCSUN	0640	0565	0500	0400	
COSUN	05.90	00.95	02.45	02.30	

MPG 15.68

TEST NO.C0079 DATE 08/20/73 DRY 74 WET 56 PRES 24.99

	CT	CS	HT	1975
HC	06.29	04.93	04.01	04.91
CO	0087.8	0042.4	0033.9	0049.5
CO2	0447.7	0477.4	0425.2	0456.7
NOX	03.04	03.64	04.25	03.68

	IDLE	LO CR	HI CR	2500	
HC	03940	04373	04093		
LHC	0379	0459	0376		
CO	02.54	00.43	02.23		
NOX	0112	2609	1661		
HCSUN	0295	0370	0298	0165	
COSUN	02.55	00.45	02.30	01.60	

MPG 16.19

VEH.NO. 043 TEST SEQ. 4 YEAR 71 MAKE FORD MODEL MAVE ODOMETER 020583 NO.CYL. 6 CID 170

CARB.VENT. 2 TRANS. 3 WEIGHT 2750 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.10	+0060	+00	+04	1	2	1	0	2	0
FROM STATION	06.10	+0060	+00	+04	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0320	0160	03.40	01.50	1	005.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0320	0160	03.40	01.50	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0064 DATE 08/17/73 DRY 77 WET 62 PRES 24.75

	CT	CS	HT	1975
HC	07.71	05.25	04.94	05.68
CO	0065.5	0063.9	0057.2	0062.4
CO2	0270.9	0281.6	0252.2	0271.2
NOX	02.68	02.18	02.70	02.43

	IDLE	LO CR	HI CR	2500	
HC	04497	03879	03912		
LHC	0445	0463	0480		
CO	05.99	01.54	02.09		
NOX	0056	1830	1777		
HCSUN	0730	0800	0800	0640	
COSUN	06.90	02.10	02.30	02.80	

MPG 23.00

TEST NO.C0064 DATE 08/17/73 DRY 77 WET 62 PRES 24.75

	CT	CS	HT	1975
HC	07.71	05.25	04.94	05.68
CO	0065.5	0063.9	0057.2	0062.4
CO2	0270.9	0281.6	0252.2	0271.2
NOX	02.68	02.18	02.70	02.43

	IDLE	LO CR	HI CR	2500	
HC	04497	03879	03912		
LHC	0445	0463	0480		
CO	05.99	01.54	02.09		
NOX	0056	1830	1777		
HCSUN	0730	0800	0800	0640	
COSUN	06.90	02.10	02.30	02.80	

MPG 23.00

VEH.NO. 044 TEST SEQ. 1 YEAR 67 MAKE CHEVROLET MODEL CAPR ODOMETER 046046 NO.CYL. 8 CID 327

CARB.VENT. 4 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.47	+0025	+02	+04	2	1	1	0	2	0
FROM STATION	04.47	+0025	+02	+04	2	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0350	0300	01.90	06.00	1	004.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0350	0300	01.90	06.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0072 DATE 08/17/73 DRY 71 WET 59 PRES 24.77

	CT	CS	HT	1975
HC	08.59	07.60	06.97	07.63
CO	0149.1	0157.1	0132.5	0148.6
CO2	0424.1	0408.3	0422.5	0415.6
NOX	02.44	01.23	02.69	01.89

	IDLE	LO CR	HI CR	2500	
HC	05826	04358	04044		
LHC	0744	0508	0423		
CO	05.03	03.75	03.09		
NOX	0056	1138	1636		
HCSUN	1100	0700	0580	0640	
COSUN	04.60	03.60	03.00	06.60	

MPG 13.23

TEST NO.C0072 DATE 08/17/73 DRY 71 WET 59 PRES 24.77

	CT	CS	HT	1975
HC	08.59	07.60	06.97	07.63
CO	0149.1	0157.1	0132.5	0148.6
CO2	0424.1	0408.3	0422.5	0415.6
NOX	02.44	01.23	02.59	01.89

	IDLE	LO CR	HI CR	2500	
HC	05826	04358	04044		
LHC	0744	0508	0423		
CO	05.03	03.75	03.09		
NOX	0056	1138	1636		
HCSUN	1100	0700	0580	0640	
COSUN	04.60	03.60	03.00	06.60	

MPG 13.23

VEH.NO. 045 TEST SEQ. 4 YEAR 72 MAKE DODGE MODEL DART ODOMETER 005414 NO.CYL. 6 CID 225

CARB.VENT. 1 TRANS. 1 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.60	+0550	+09	-12	1	1	1	0	2	0
FROM STATION	03.80	-0050	+01	+03	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0600	0250	03.50	01.50	2	000.00
AFT.RPM.ADJ	0140	0070	01.30	02.25	2	000.00
AFT.TI ADJ1	0240	0150	03.20	02.30	1	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0240	0150	03.20	02.30	1	

ADDL RPRS 012.00 EST 000.00

TEST NO.C0066 DATE 08/17/73 DRY 72 WET 54 PRES 24.76

	CT	CS	HT	1975
HC	05.22	03.49	03.34	03.81
CO	0145.2	0075.9	0089.8	0094.2
CO2	0356.0	0370.4	0329.0	0355.9
NOX	02.59	03.13	03.33	03.07

	IDLE	LO CR	HI CR	2500	
HC	03454	03341	04196		
LHC	0331	0703	0415		
CO	04.24	04.22	10.09		
NOX	0095	2321	0281		
HCSUN	0540	0460	0600	0320	
COSUN	04.10	03.20	10.00	02.40	

MPG 17.26

TEST NO.C0086 DATE 08/21/73 DRY 78 WET 60 PRES 24.85

	CT	CS	HT	1975
HC	05.03	03.22	03.32	03.63
CO	0141.4	0073.8	0090.5	0092.6
CO2	0363.8	0373.3	0330.8	0359.5
NOX	02.92	03.20	03.32	03.17

	IDLE	LO CR	HI CR	2500	
HC	03450	03172	04163		
LHC	0336	0320	0402		
CO	04.21	03.86	10.23		
NOX	0075	1103	0189		
HCSUN	0270	0250	0320	0170	
COSUN	04.10	02.70	09.80	02.10	

MPG 17.25

VEH.NO. 046 TEST SEQ. 1 YEAR 65 MAKE PLYMOUTH MODEL VALI ODOMETER 085428 NO.CYL. 6 CID 225

CARB.VENT. 1 TRANS. 3 WEIGHT 3000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.10	-0140	+10	-01	1	2	2	0	1	0
FROM STATION	03.10	-0140	+10	-01	1	2	2	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0350	0250	04.00	05.00	1	000.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0350	0250	04.00	05.00	1	

ADDL RPRS 004.00 EST 000.00

TEST NO.C0071 DATE 08/17/73 DRY 71 WET 56 PRES 24.77

	CT	CS	HT	1975
HC	37.95	08.97	07.73	14.69
CO	0186.6	0106.5	0092.4	0119.3
CO2	0289.2	0321.0	0295.4	0307.2
NOX	01.35	01.29	01.83	01.45

	IDLE	LO CR	HI CR	2500	
HC	06158	04495	03881		
LHC	0812	0435	0359		
CO	03.32	05.26	03.77		
NOX	0047	0903	1117		
HCSUN	1300	0580	0420	0800	
COSUN	03.50	05.10	03.80	05.30	

MPG 16.46

TEST NO.C0071 DATE 08/17/73 DRY 71 WET 56 PRES 24.77

	CT	CS	HT	1975
HC	37.95	08.97	07.73	14.69
CO	0186.6	0106.5	0092.4	0119.3
CO2	0289.2	0321.0	0295.4	0307.2
NOX	01.35	01.29	01.83	01.45

	IDLE	LO CR	HI CR	2500	
HC	06158	04495	03881		
LHC	0812	0435	0359		
CO	03.32	05.26	03.77		
NOX	0047	0903	1117		
HCSUN	1300	0580	0420	0800	
COSUN	03.50	05.10	03.80	05.30	

MPG 16.46

VEH.NO. 048 TEST SEQ. 1 YEAR 67 MAKE MERCURY MODEL STAW ODOMETER 064033 NO.CYL. 8 CID 390

CARB.VENT. 2 TRANS. 1 WEIGHT 4500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.70	-0035	-24	+03	1	1	1	0	1	0
FROM STATION	00.70	-0035	-24	+03	1	1	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0550	0220	00.40	01.50	1	001.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0550	0220	00.40	01.50	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0080 DATE 08/20/73 DRY 75 WET 59 PRES 24.99

	CT	CS	HT	1975
HC	09.11	09.33	08.42	09.03
CO	0092.4	0046.5	0046.3	0056.1
CO2	0708.3	0735.3	0584.4	0687.8
NOX	09.14	08.82	09.50	09.08

	IDLE	LO CR	HI CR	2500	
HC	08481	04201	03742		
LHC	1591	0492	0360		
CO	00.87	01.41	01.70		
NOX	0150	2998	3161		
HCSUN	1450	0375	0270	0185	
COSUN	00.75	01.40	01.80	01.30	

MPG 11.07

TEST NO.C0080 DATE 08/20/73 DRY 75 WET 59 PRES 24.99

	CT	CS	HT	1975
HC	09.11	09.33	08.42	09.03
CO	0092.4	0046.5	0046.3	0056.1
CO2	0708.3	0735.3	0584.4	0687.8
NOX	09.14	08.82	09.50	09.08

	IDLE	LO CR	HI CR	2500	
HC	08481	04201	03742		
LHC	1591	0492	0360		
CO	00.87	01.41	01.70		
NOX	0150	2998	3161		
HCSUN	1450	0375	0270	0185	
COSUN	00.75	01.40	01.80	01.30	

MPG 11.07

VEH.NO. 049 TEST SEQ. 1 YEAR 67 MAKE CHEVROLET MODEL CAMA ODOMETER 076864 NO.CYL. 6 CID 250

CARB.VENT. 1 TRANS. 4 WEIGHT 3000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	07.40	+0180	+04	-08	2	2	1	0	2	0
FROM STATION	10.30	+0750	+21	+02	2	2	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0260	2500	07.00	20.00	4	004.50
AFT.RPM.ADJ	0300	2000	04.00	10.00	4	001.50
AFT.TI ADJ1	0300	2000	04.00	10.00	4	001.50
AFT.TI ADJ2	2000	2000	06.60	10.00	4	003.00
FINAL	2000	2000	06.60	10.00	4	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0077 DATE 08/20/73 DRY 74 WET 57 PRES 24.99

	CT	CS	HT	1975
HC	18.80	15.59	12.00	15.27
CO	0211.8	0232.1	0202.8	0219.7
CO2	0202.0	0212.5	0184.5	0202.5
NOX	00.24	00.12	00.18	00.16

	IDLE	LO CR	HI CR	2500	
HC	06436	08164	06646		
LHC	0456	0762	0585		
CO	08.15	12.95	12.05		
NOX	0040	0082	0104		
HCSUN	0430	0730	0640	2500	
COSUN	08.40	20.00	20.00	20.00	

MPG 14.95

TEST NO.C0110 DATE 08/22/73 DRY 74 WET 60 PRES 24.79

	CT	CS	HT	1975
HC	26.11	27.72	18.46	24.81
CO	0241.1	0320.8	0222.3	0276.8
CO2	0238.7	0262.3	0201.4	0240.5
NOX	00.36	00.18	00.37	00.27

	IDLE	LO CR	HI CR	2500	
HC	39195	13304	04497		
LHC	1545	1081	0476		
CO	09.62	12.52	00.46		
NOX	0018	0060	1610		
HCSUN	2500	1100	1040	0850	
COSUN	20.00	20.00	01.60	06.00	

MPG 11.82

VEH.NO. 051 TEST SEQ. 1 YEAR 69 MAKE OLDSMOBILE MODEL DELT ODOMETER 064800 NO.CYL. 8 CID 455

CARB.VENT. 2 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.90	-0065	-05	+03	1	1	1	0	2	0
FROM STATION	04.90	-0065	-05	+03	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0180	0120	05.00	03.00	1	002.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0180	0120	05.00	03.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0087 DATE 08/21/73 DRY 72 WET 58 PRES 24.85

	CT	CS	HT	1975
HC	04.69	04.22	03.56	04.13
CO	0086.8	0084.1	0069.0	0080.5
CO2	0546.9	0585.4	0494.7	0552.2
NOX	04.43	03.40	04.54	03.93

	IDLE	LO CR	HI CR	2500	
HC	03509	02965	02551		
LHC	0309	0277	0204		
CO	05.42	01.94	01.39		
NOX	0050	1419	1866		
HCSUN	0230	0215	0140	0140	
COSUN	04.90	01.70	01.50	01.90	

MPG 12.88

TEST NO.C0087 DATE 08/21/73 DRY 72 WET 58 PRES 24.85

	CT	CS	HT	1975
HC	04.69	04.22	03.56	04.13
CO	0086.8	0084.1	0069.0	0080.5
CO2	0546.9	0585.4	0494.7	0552.2
NOX	04.43	03.40	04.54	03.93

	IDLE	LO CR	HI CR	2500	
HC	03509	02965	02551		
LHC	0309	0277	0204		
CO	05.42	01.94	01.39		
NOX	0050	1419	1866		
HCSUN	0230	0215	0140	0140	
COSUN	04.90	01.70	01.50	01.90	

MPG 12.88

VEH.NO. 053 TEST SEQ. 1 YEAR 64 MAKE DODGE MODEL POLA ODOMETER 042474 NO.CYL. 8 CID 318

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MTS	NOX
FROM OWNER	01.30	+0010	+05	+01	1	2	1	0	2	0
FROM STATION	00.19	+0000	+00	+02	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0650	0350	07.00	01.40	4	003.50
AFT.RPM.ADJ	0650	0350	07.00	01.40	4	002.00
AFT.TI ADJ1	0360	0300	00.20	01.20	1	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0360	0300	00.20	01.20	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0088 DATE 08/21/73 DRY 75 WET 59 PRES 24.85

	CT	CS	HT	1975
HC	08.60	07.46	06.13	07.33
CO	0109.6	0101.8	0070.2	0094.7
CO2	0510.4	0470.5	0462.7	0476.7
NOX	03.06	02.81	04.49	03.33

	IDLE	LO CR	HI CR	2500	
HC	06000	03687	03655		
LHC	0649	0387	0329		
CO	07.99	00.69	02.33		
NOX	0051	2234	1711		
HCSUN	0580	0300	0250	0160	
COSUN	07.75	00.75	02.35	01.55	

MPG 13.73

TEST NO.C0107 DATE 08/22/73 DRY 74 WET 60 PRES 24.80

	CT	CS	HT	1975
HC	07.40	05.50	04.84	05.72
CO	0104.1	0045.5	0045.8	0057.8
CO2	0530.8	0511.4	0462.9	0502.0
NOX	03.39	03.51	04.73	03.82

	IDLE	LO CR	HI CR	2500	
HC	03797	03765	03592		
LHC	0531	0491	0405		
CO	00.22	00.66	01.94		
NOX	0168	2362	2012		
HCSUN	0460	0340	0260	0500	
COSUN	00.25	00.25	02.00	05.20	

MPG 14.58

VEH.NO. 055 TEST SEQ. 1 YEAR 66 MAKE FORD MODEL MUST ODOMETER 054749 NO.CYL. 6 CID 200

CARB.VENT. 1 TRANS. 1 WEIGHT 3000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.00	-0040	+00	-07	1	1	1	0	2	0
FROM STATION	05.11	-0025	-05	-07	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0240	0220	05.10	03.40	3	002.50
AFT.RPM.ADJ	0240	0220	04.40	04.10	3	002.50
AFT.TI ADJ1	0220	0120	02.10	02.40	1	002.50
AFT.TI ADJ2	0200	0130	02.40	02.40	1	002.50
FINAL	0200	0200	01.20	02.40	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0089 DATE 08/21/73 DRY 78 WET 59 PRES 24.85

	CT	CS	HT	1975
HC	09.41	03.53	06.30	05.53
CO	0173.3	0156.5	0161.4	0162.6
CO2	0323.7	0293.0	0260.6	0290.4
NOX	01.18	00.62	00.61	00.73

	IDLE	LO CR	HI CR	2500	
HC	05237	05673	04889		
LHC	0582	0596	0536		
CO	05.24	09.40	07.66		
NOX	0067	0147	0318		
HCSUN	0550	0575	0395	0600	
COSUN	05.80	09.00	07.60	09.80	

MPG 15.81

TEST NO.C0109 DATE 08/22/73 DRY 76 WET 60 PRES 24.79

	CT	CS	HT	1975
HC	10.65	06.47	07.12	07.53
CO	0219.5	0163.5	0161.8	0172.8
CO2	0277.3	0274.0	0249.5	0267.9
NOX	00.59	00.57	00.54	00.57

	IDLE	LO CR	HI CR	2500	
HC	05705	06312	05379		
LHC	0891	0890	0676		
CO	05.45	09.76	07.96		
NOX	0077	0157	0389		
HCSUN	0640	0680	0470	0700	
COSUN	05.00	09.50	07.90	20.00	

MPG 15.82

LH

VEH.NO. 056 TEST SEQ. 1 YEAR 64 MAKE CHEVROLET MODEL BELA ODOMETER 046660 NO.CYL. 6 CID 230

CARB.VENT. 1 TRANS. 1 WEIGHT 3500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.30	+0100	-18	+04	1	1	1	0	1	0
FROM STATION	03.45	-0050	-18	-09	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0640	0160	07.60	01.70	3	000.00
AFT.RPM.ADJ	0580	0240	00.50	01.80	1	001.50
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0580	0240	00.50	01.80	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0102 DATE 08/22/73 DRY 76 WET 59 PRES 24.80

	CT	CS	HT	1975
HC	10.24	08.50	07.67	08.63
CO	0223.0	0205.0	0193.1	0205.4
CO2	0378.6	0358.4	0322.1	0352.5
NOX	02.06	01.81	01.94	01.90

	IDLE	LO CR	HI CR	2500	
HC	05606	08193	06232		
LHC	0739	0841	0694		
CO	06.77	13.82	12.60		
NOX	0155	0053	0089		
HCSUN	0785	0880	0760	1800	
COSUN	06.50	20.00	20.00	02.40	

MPG 12.68

TEST NO.C0121 DATE 08/23/73 DRY 77 WET 60 PRES 24.77

	CT	CS	HT	1975
HC	08.47	07.74	06.56	07.59
CO	0189.9	0180.9	0173.2	0180.7
CO2	0384.2	0346.4	0301.9	0342.0
NOX	01.84	01.52	01.54	01.59

	IDLE	LO CR	HI CR	2500	
HC	04900	07066	06324		
LHC	0722	0871	0802		
CO	03.79	12.99	12.68		
NOX	0084	0074	0097		
HCSUN	0740	0960	0840	0300	
COSUN	03.50	20.00	20.00	02.10	

MPG 13.71

VEH.NO. 057 TEST SEQ. 2 YEAR 71 MAKE VOLKSWAGON MODEL SEDA ODOMETER 034981 NO.CYL. 4 CID 097

CARB.VENT. 1 TRANS. 4 WEIGHT 2000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.10	+0030	+00	-05	0	1	1	0	2	0
FROM STATION	02.60	+0050	+00	-02	0	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0085	0055	04.90	03.70	3	005.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0060	0040	02.40	01.80	1	001.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0060	0040	02.40	01.80	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0099 DATE 08/22/73 DRY 72 WET 59 PRES 24.80

	CT	CS	HT	1975
HC	05.71	05.83	04.40	05.41
CO	0092.1	0103.3	0075.4	0093.2
CO2	0269.8	0277.7	0243.3	0266.5
NOX	01.73	00.93	01.54	01.27

	IDLE	LO CR	HI CR	2500	
HC	04468	03672	02968		
LHC	0318	0341	0252		
CO	06.55	03.87	02.72		
NOX	0071	0691	1574		
HCSUN	0255	0250	0190		0160
COSUN	06.20	03.80	02.95		03.50

MPG 20.71

TEST NO.C0112 DATE 08/23/73 DRY 73 WET 58 PRES 24.82

	CT	CS	HT	1975
HC	05.59	03.93	03.61	04.19
CO	0075.5	0070.3	0065.8	0070.1
CO2	0264.0	0292.2	0238.1	0271.3
NOX	01.87	01.05	01.39	01.32

	IDLE	LO CR	HI CR	2500	
HC	03412	03918	03152		
LHC	0324	0416	0291		
CO	02.88	03.42	02.56		
NOX	0088	0844	1706		
HCSUN	0278	0330	0245		0150
COSUN	02.80	03.40	02.58		02.30

MPG 27.56

VEH.NO. 059 TEST SEQ. 2 YEAR 65 MAKE CHEVROLET MODEL STAW ODOMETER 079730 NO.CYL. 8 CID 327

CARB.VENT. 4 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	10.90	+0190	-20	-01	1	2	1	0	2	0
FROM STATION	03.99	-0010	-04	+01	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0850	0300	08.00	04.00	4	002.50
AFT.RPM.ADJ	0600	0350	06.30	04.10	4	000.00
AFT.TI ADJ1	0720	0300	01.60	03.00	1	005.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0720	0300	01.60	04.10	1	

ADDL RPRS 005.35 EST 000.00

TEST NO.C0101 DATE 08/22/73 DRY 71 WET 58 PRES 24.80

	CT	CS	HT	1975
HC	26.49	31.53	17.80	26.67
CO	0239.7	0378.0	0208.9	0302.1
CO2	0423.0	0348.5	0363.7	0368.3
NOX	01.32	00.32	01.33	00.81

	IDLE	LO CR	HI CR	2500	
HC	09376	04438	03806		
LHC	0750	0529	0408		
CO	11.65	05.57	03.76		
NOX	0025	0554	1246		
HCSUN	0720	0500	0355	0595	
COSUN	20.00	05.40	03.70	07.80	

MPG 09.61

TEST NO.C0120 DATE 08/23/73 DRY 78 WET 63 PRES 24.78

	CT	CS	HT	1975
HC	09.13	07.67	06.92	07.77
CO	0141.5	0132.2	0096.8	0124.3
CO2	0427.4	0412.9	0412.9	0416.0
NOX	02.50	01.69	03.20	02.28

	IDLE	LO CR	HI CR	2500	
HC	05188	04127	04571		
LHC	0722	0558	0606		
CO	04.23	03.31	04.17		
NOX	0056	1236	1183		
HCSUN	0840	0550	0600	0820	
COSUN	04.00	03.20	04.00	07.00	

MPG 14.01

VEH.NO. 060 TEST SEQ. 1 YEAR 70 MAKE CADILLAC MODEL DEVI ODOMETER 045946 NO.CYL. 8 CID 472

CARB.VENT. 4 TRANS. 1 WEIGHT 5000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.69	+0010	-02	+02	1	2	1	0	2	0
FROM STATION	00.69	+0010	-02	+02	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0080	0050	00.90	01.40	1	004.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0080	0050	00.90	01.40	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0132 DATE 08/24/73 DRY 78 WET 60 PRES 24.70

	CT	CS	HT	1975
HC	08.16	04.69	05.16	05.55
CO	0262.8	0132.3	0180.7	0173.1
CO2	0617.9	0712.5	0551.0	0647.9
NOX	01.92	02.18	02.53	02.22

	IDLE	LO CR	HI CR	2500	
HC	02031	03225	03385		
LHC	0425	0533	0498		
CO	00.78	02.07	04.56		
NOX	0153	1513	0868		
HCSUN	0130	0280	0250	0090	
COSUN	00.75	02.00	04.20	02.30	

MPG 09.50

TEST NO.C0132 DATE 08/24/73 DRY 78 WET 60 PRES 24.70

	CT	CS	HT	1975
HC	08.16	04.69	05.16	05.55
CO	0262.8	0132.3	0180.7	0173.1
CO2	0617.9	0712.5	0551.0	0647.9
NOX	01.92	02.18	02.53	02.22

	IDLE	LO CR	HI CR	2500	
HC	02031	03225	03385		
LHC	0425	0533	0498		
CO	00.78	02.07	04.56		
NOX	0153	1513	0868		
HCSUN	0130	0280	0250	0090	
COSUN	00.75	02.00	04.20	02.30	

MPG 09.50

VEH.NO. 051 TEST SEQ. 1 YEAR 72 MAKE CHEVROLET MODEL VEGA ODOMETER 025879 NO.CYL. 4 CID 140

CARB.VENT. 2 TRANS. 4 WEIGHT 2500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.30	-0200	+00	-02	1	1	1	0	2	0
FROM STATION	05.30	-0200	+00	-02	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0180	0095	02.50	02.75	1	005.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0180	0095	02.50	02.75	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0090 DATE 08/21/73 DRY 78 WET 60 PRES 24.85

	CT	CS	HT	1975
HC	10.92	08.28	05.45	08.05
CO	0209.9	0156.6	0132.4	0161.1
CO2	0266.9	0283.1	0207.1	0258.6
NOX	00.53	00.84	00.56	00.70

	IDLE	LO CR	HI CR	2500
HC	06825	05536	04800	
LHC	0528	0496	0414	
CO	05.83	09.46	09.05	
NOX	0038	0207	0221	
HCSUN	0345	0335	0275	0190
COSUN	05.45	09.15	08.85	04.50

MPG 16.59

TEST NO.C0090 DATE 08/21/73 DRY 78 WET 60 PRES 24.85

	CT	CS	HT	1975
HC	10.92	08.28	05.45	08.05
CO	0209.9	0156.6	0132.4	0161.1
CO2	0266.9	0283.1	0207.1	0258.6
NOX	00.53	00.84	00.56	00.70

	IDLE	LO CR	HI CR	2500
HC	06825	05536	04800	
LHC	0528	0496	0414	
CO	05.83	09.46	09.05	
NOX	0038	0207	0221	
HCSUN	0345	0335	0275	0190
COSUN	05.45	09.15	08.85	04.50

MPG 16.59

VEH.NO. 063 TEST SEQ. 1 YEAR 67 MAKE PLYMOUTH MODEL FURY ODOMETER 042005 NO.CYL. 8 CID 318

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.00	+0240	+12	+07	1	1	1	0	1	0
FROM STATION	02.40	-0200	+12	-02	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0340	1400	01.90	01.60	2	003.50
AFT.RPM.ADJ	0520	1700	00.20	01.60	2	002.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0400	0300	00.20	01.30	1	

ADDL RPRS 005.50 EST 000.00

TEST NO.C0103 DATE 08/22/73 DRY 75 WET 59 PRES 24.80

	CT	CS	HT	1975
HC	13.17	10.77	06.59	10.11
CO	0227.3	0189.3	0084.1	0168.1
CO2	0354.8	0365.2	0367.2	0363.6
NOX	01.01	01.02	03.39	01.68

	IDLE	LO CR	HI CR	2500
HC	05013	05220	04302	
LHC	0795	0659	0443	
CO	05.76	04.87	03.19	
NOX	0070	0857	1396	
HCSUN	0760	0595	0360	1900
COSUN	05.00	04.75	03.25	02.90

MPG 13.50

TEST NO.C0122 DATE 08/23/73 DRY 74 WET 60 PRES 24.76

	CT	CS	HT	1975
HC	16.91	10.00	06.89	10.58
CO	0237.2	0169.9	0082.6	0159.8
CO2	0363.8	0352.6	0357.1	0356.2
NOX	01.11	00.79	03.35	01.57

	IDLE	LO CR	HI CR	2500
HC	06157	05378	04442	
LHC	1124	0895	0507	
CO	02.86	04.29	02.93	
NOX	0061	0999	1512	
HCSUN	0800	0760	0420	0520
COSUN	02.40	04.00	02.80	02.60

MPG 13.90

VEH.NO. 064 TEST SEQ. 1 YEAR 70 MAKE RAMBLER MODEL REBE ODOMETER 064875 NO.CYL. 6 CID 232

CARB.VENT. 1 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.65	-0010	+01	+01	1	1	1	0	2	0
FROM STATION	04.65	-0010	+01	+01	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0200	0160	03.20	01.50	1	004.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0200	0160	03.20	01.50	1	

ADDL PRS 000.00 EST 000.00

TEST NO.C0111 DATE 08/23/73 DRY 74 WET 58 PRES 24.82

	CT	CS	HT	1975
HC	05.10	04.55	03.71	04.43
CO	0067.5	0076.8	0052.2	0068.1
CO2	0440.1	0395.9	0379.3	0400.5
NOX	06.96	03.93	06.34	05.24

	IDLE	LO CR	HI CR	2500	
HC	05930	04048	03593		
LHC	0617	0337	0253		
CO	05.02	01.46	01.40		
NOX	0127	2646	3074		
HCSUN	1120	0480	0320	0305	
COSUN	04.80	01.60	01.52	02.70	

MPG 17.08

TEST NO.C0111 DATE 08/23/73 DRY 74 WET 58 PRES 24.82

	CT	CS	HT	1975
HC	05.10	04.55	03.71	04.43
CO	0067.5	0076.8	0052.2	0068.1
CO2	0440.1	0395.9	0379.3	0400.5
NOX	06.96	03.93	06.34	05.24

	IDLE	LO CR	HI CR	2500	
HC	05930	04048	03593		
LHC	0617	0337	0253		
CO	05.02	01.46	01.40		
NOX	0127	2646	3074		
HCSUN	1120	0480	0320	0305	
COSUN	04.80	01.60	01.52	02.70	

MPG 17.08

VEH.NO. 065 TEST SEQ. 1 YEAR 70 MAKE CHRYSLER MODEL NEWP ODOMETER 036717 NO.CYL. 8 CID 383

CARB.VENT. 2 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	09.90	+0160	+07	+02	1	2	1	0	2	0
FROM STATION	02.35	+0050	+00	+03	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0700	0200	09.40	02.00	4	000.00
AFT.RPM.ADJ	0700	0200	09.40	02.00	4	000.00
AFT.TI ADJ1	0150	0210	03.50	02.20	1	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0150	0210	03.50	02.20	1	

ADDL RPRS 017.20 EST 000.00

TEST NO.C0113 DATE 08/23/73 DRY 74 WET 59 PRES 24.82

	CT	CS	HT	1975
HC	11.81	12.55	08.97	11.40
CO	0142.1	0169.7	0131.0	0153.2
CO2	0584.3	0561.8	0531.3	0558.0
NOX	04.40	03.87	04.60	04.18

	IDLE	LO CR	HI CR	2500	
HC	11735	03636	03523		
LHC	0750	0478	0393		
CO	09.32	00.75	01.51		
NOX	0038	2174	1422		
HCSUN	0860	0365	0260	0170	
COSUN	09.60	00.85	01.65	01.80	

MPG 10.67

TEST NO.C0131 DATE 08/24/73 DRY 76 WET 62 PRES 24.70

	CT	CS	HT	1975
HC	09.03	05.67	04.97	06.18
CO	0147.1	0106.4	0090.5	0110.5
CO2	0615.2	0615.2	0557.0	0599.1
NOX	04.56	03.79	05.21	04.34

	IDLE	LO CR	HI CR	2500	
HC	02849	02954	02788		
LHC	0450	0459	0381		
CO	02.48	00.89	01.25		
NOX	0076	2434	2463		
HCSUN	0170	0220	0160	0075	
COSUN	02.40	00.90	01.20	01.00	

MPG 11.24

VEH.NO. 066 TEST SEQ. 1 YEAR 70 MAKE PLYMOUTH MODEL DUST ODOMETER 037361 NO.CYL. 8 CID 318

CARB.VENT. 2 TRANS. 3 WEIGHT 3000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	08.90	+0110	+02	-02	1	2	1	0	2	0
FROM STATION	03.80	-0125	+01	-02	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0430	0220	07.20	01.20	4	002.50
AFT.RPM.ADJ	0320	0180	06.20	01.20	3	002.50
AFT.TI ADJ1	0180	0130	01.20	01.10	1	002.50
AFT.TI ADJ2	0180	0180	01.30	01.30	1	002.50
FINAL	0180	0180	01.30	01.30	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0116 DATE 08/23/73 DRY 77 WET 59 PRES 24.81

	CT	CS	HT	1975
HC	06.67	07.31	05.56	06.69
CO	0061.6	0081.5	0057.4	0070.7
CO2	0409.9	0419.2	0367.4	0402.9
NOX	03.22	02.17	03.07	02.64

	IDLE	LO CR	HI CR	2500
HC	11181	03506	03593	
LHC	0748	0402	0413	
CO	09.66	01.21	01.94	
NOX	0030	1470	1647	
HCSUN	0765	0315	0345	0190
COSUN	09.40	01.30	02.00	01.70

MPG 16.65

TEST NO.C0133 DATE 08/24/73 DRY 78 WET 60 PRES 24.70

	CT	CS	HT	1975
HC	07.08	04.77	04.82	05.27
CO	0067.0	0065.0	0058.7	0063.7
CO2	0435.8	0462.0	0392.1	0437.1
NOX	03.31	02.27	03.27	02.76

	IDLE	LO CR	HI CR	2500
HC	04247	03137	03363	
LHC	0585	0464	0500	
CO	04.28	01.36	02.29	
NOX	0053	1367	1487	
HCSUN	0300	0230	0270	0130
COSUN	03.80	01.20	02.40	00.90

MPG 16.08

VEH.NO. 067 TEST SEQ. 1 YEAR 71 MAKE CADILLAC MODEL DEVI ODOMETER 041770 NO.CYL. 8 CID 472

CARB.VENT. 4 TRANS. 1 WEIGHT 5000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.70	-0200	+00	+02	1	1	1	1	2	0
FROM STATION	02.70	-0200	+00	+02	1	1	1	1	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0100	0040	03.00	01.00	1	002.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0100	0040	03.00	01.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0114 DATE 08/23/73 DRY 75 WET 58 PRES 24.82

	CT	CS	HT	1975
HC	04.01	02.68	02.54	02.92
CO	0080.7	0068.4	0055.5	0067.4
CO2	0742.1	0754.6	0628.8	0717.1
NOX	03.39	02.07	03.88	02.85

	IDLE	LO CR	HI CR	2500	
HC	02091	02325	01785		
LHC	0337	0341	0249		
CO	03.37	02.40	01.05		
NOX	0052	0749	1535		
HCSUN	0175	0205	0105	0040	
COSUN	02.90	02.10	00.93	00.40	

MPG 10.70

TEST NO.C0114 DATE 08/23/73 DRY 75 WET 58 PRES 24.82

	CT	CS	HT	1975
HC	04.01	02.68	02.54	02.92
CO	0080.7	0068.4	0055.5	0067.4
CO2	0742.1	0754.6	0628.8	0717.1
NOX	03.38	02.07	03.88	02.85

	IDLE	LO CR	HI CR	2500	
HC	02091	02325	01785		
LHC	0337	0341	0249		
CO	03.37	02.40	01.05		
NOX	0052	0749	1535		
HCSUN	0175	0205	0105	0040	
COSUN	02.90	02.10	00.93	00.40	

MPG 10.70

VEH.NO. 068 TEST SEQ. 1 YEAR 68 MAKE OLDSMOBILE MODEL CUTL ODOMETER 054881 NO.CYL. 8 CID 350

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	09.05	+0050	+05	+04	1	2	1	0	2	0
FROM STATION	03.68	-0075	+05	+04	1	1	2	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0650	0300	07.00	03.20	4	005.00
AFT.RPM.ADJ	0600	0300	07.00	07.20	4	002.00
AFT.TI ADJ1	0500	0300	05.00	06.00	4	002.00
AFT.TI ADJ2	0600	0350	02.00	05.00	4	002.00
FINAL	0600	0350	02.00	05.00	4	

ADDL PRRS 000.00 EST 101.00

TEST NO.C0115 DATE 08/23/73 DRY 75 WET 59 PRES 24.82

	CT	CS	HT	1975
HC	08.20	08.00	06.41	07.60
CO	0117.5	0146.5	0085.5	0123.5
CO2	0475.3	0438.9	0424.1	0442.4
NOX	03.20	01.68	03.65	02.55

	IDLE	LO CR	HI CR	2500	
HC	08299	04449	03220		
LHC	0858	0607	0385		
CO	09.90	07.16	01.13		
NOX	0047	0259	2083		
HCSUN	1600	0650	0300	0230	
COSUN	09.80	06.80	01.50	01.80	

MPG 13.49

TEST NO.C0146 DATE 08/27/73 DRY 78 WET 59 PRES 24.65

	CT	CS	HT	1975
HC	07.80	06.57	05.30	06.47
CO	0096.0	0092.3	0043.0	0079.4
CO2	0539.2	0484.4	0455.6	0487.9
NOX	03.65	01.94	03.60	02.76

	IDLE	LO CR	HI CR	2500	
HC	07391	04110	03307		
LHC	1534	0697	0529		
CO	03.50	01.99	00.84		
NOX	0077	1038	1937		
HCSUN	1400	0410	0210	0340	
COSUN	04.00	01.80	00.80	01.40	

MPG 14.07

VEH.NO. 069 TEST SEQ. 1 YEAR 67 MAKE FORD MODEL LTD ODOMETER 048253 NO.CYL. 8 CID 390

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	08.50	+0000	-04	+00	1	2	1	0	2	0
FROM STATION	04.31	+0000	-05	-01	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0700	0150	09.50	02.60	3	005.50
AFT.RPM.ADJ	0580	0180	07.00	03.60	3	005.50
AFT.TI ADJ1	0680	0240	04.40	03.80	1	005.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0680	0240	04.40	03.80	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0119 DATE 08/23/73 DRY 79 WET 61 PRES 24.79

	CT	CS	HT	1975
HC	08.85	10.16	06.88	08.98
CO	0080.0	0120.1	0072.9	0099.6
CO2	0443.3	0448.2	0399.6	0433.7
NOX	04.44	03.29	04.17	03.77

	IDLE	LO CR	HI CR	2500	
HC	11778	04104	03885		
LHC	1317	0630	0549		
CO	09.42	01.08	02.01		
NOX	0031	2187	2257		
HCSUN	1380	0540	0425	0340	
COSUN	09.00	01.10	02.10	01.80	

MPG 14.44

TEST NO.C0145 DATE 08/27/73 DRY 79 WET 58 PRES 24.67

	CT	CS	HT	1975
HC	08.60	07.35	06.14	07.28
CO	0080.2	0092.1	0065.8	0077.2
CO2	0536.2	0479.7	0453.3	0484.2
NOX	05.22	03.33	04.56	04.09

	IDLE	LO CR	HI CR	2500	
HC	06802	03907	03713		
LHC	1106	0688	0598		
CO	04.80	01.29	02.15		
NOX	0109	2139	2139		
HCSUN	1160	0600	0430	0410	
COSUN	04.40	01.40	02.20	01.70	

MPG 14.17

VEH.NO. 070 TEST SEQ. 3 YEAR 72 MAKE PONTIAC MODEL CATA ODOMETER 016700 NO.CYL. 8 CID 400

CARB.VENT. 2 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.10	-0005	+02	-02	1	1	1	0	2	0
FROM STATION	01.50	-0035	+02	-02	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0380	0050	03.40	00.40	2	001.50
AFT.RPM.ADJ	0420	0120	03.60	03.00	2	001.50
AFT.TI ADJ1	0310	0110	01.60	00.90	1	001.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0270	0110	00.50	00.90	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0125 DATE 08/24/73 DRY 71 WET 60 PRES 24.73

	CT	CS	HT	1975
HC	05.76	04.07	04.06	04.42
CO	0077.7	0069.4	0043.6	0064.0
CO2	0619.7	0652.6	0544.6	0615.8
NOX	05.92	02.88	06.27	04.45

	IDLE	LO CR	HI CR	2500	
HC	04031	02023	02466		
LHC	0576	0306	0340		
CO	05.44	00.32	00.32		
NOX	0088	1019	4174		
HCSUN	0340	0090	0150	0045	
COSUN	04.75	00.35	00.35	00.70	

MPG 12.20

TEST NO.C0144 DATE 08/27/73 DRY 78 WET 58 PRES 24.71

	CT	CS	HT	1975
HC	05.98	03.16	03.50	03.85
CO	0079.0	0035.8	0027.9	0042.6
CO2	0635.3	0657.1	0547.6	0622.2
NOX	05.92	02.95	06.03	04.43

	IDLE	LO CR	HI CR	2500	
HC	04070	02553	03087		
LHC	0652	0437	0473		
CO	01.90	00.31	00.28		
NOX	0103	1217	4772		
HCSUN	0420	0150	0260	0110	
COSUN	01.70	00.35	00.30	00.70	

MPG 12.70

VEH.NO. 071 TEST SEQ. 1 YEAR 72 MAKE VOLKSWAGON MODEL SEDA ODOMETER 041347 NO.CYL. 4 CID 097

CARB.VENT. 1 TRANS. 4 WEIGHT 2250 EXH.CON. 1 EVAP.CON. 1 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.30	+0000	-03	+14	2	1	1	0	2	0
FROM STATION	03.30	-0175	-05	+10	2	1	1	0	2	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0110	0085	04.50	04.00	3	005.00
AFT.RPM.ADJ	0110	0008	04.50	04.00	3	000.00
AFT.TI ADJ1	0070	0055	02.80	02.00	1	001.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0070	0055	02.80	02.00	1	

ADDL PRRS 000.00 EST 000.00

TEST NO.C0127 DATE 08/24/73 DRY 75 WET 59 PRES 24.72

	CT	CS	HT	1975
HC	07.79	06.62	05.11	06.44
CO	0068.7	0086.0	0067.8	0077.3
CO2	0290.4	0311.2	0273.9	0296.5
NOX	02.60	01.75	02.31	02.08

	IDLE	LO CR	HI CR	2500	
HC	04860	03215	02666		
LHC	0482	0410	0347		
CO	06.97	01.60	01.24		
NOX	0071	0942	1999		
HCSUN	0230	0165	0125	0200	
COSUN	06.70	01.60	01.20	04.60	

MPG 20.32

TEST NO.C0147 DATE 08/27/73 DRY 77 WET 58 PRES 24.64

	CT	CS	HT	1975
HC	06.37	04.69	04.36	05.00
CO	0063.5	0067.6	0075.4	0068.9
CO2	0291.0	0313.6	0253.9	0292.3
NOX	02.33	02.06	02.12	02.13

	IDLE	LO CR	HI CR	2500	
HC	04108	03541	03069		
LHC	0545	0476	0443		
CO	03.63	01.46	01.14		
NOX	0101	1259	2535		
HCSUN	1050	0250	0190	0620	
COSUN	05.40	01.50	01.10	02.80	

MPG 21.39

VEH.NO. 072 TEST SEQ. 1 YEAR 72 MAKE CHEVROLET MODEL NOVA ODOMETER 012834 NO.CYL. 6 CID 250

CARB.VENT. 1 TRANS. 1 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.10	-0020	+04	+01	2	1	1	0	1	0
FROM STATION	01.08	-0150	+02	+02	2	2	1	0	2	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0170	0100	04.20	02.00	4	000.00
AFT.RPM.ADJ	0140	0030	04.20	01.00	3	000.00
AFT.TI ADJ1	0100	0050	01.60	01.40	1	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0100	0050	01.60	01.40	1	

ADDL RPRS 009.50 EST 000.00

TEST NO.C0126 DATE 08/24/73 DRY 79 WET 61 PRES 24.71

	CT	CS	HT	1975
HC	03.06	02.59	02.48	02.66
CO	0055.8	0037.7	0032.5	0040.1
CO2	0530.8	0521.1	0432.0	0498.4
NOX	02.82	02.14	02.99	02.52

	IDLE	LO CR	HI CR	2500	
HC	04503	01627	03133		
LHC	0704	0255	0335		
CO	06.59	00.21	03.19		
NOX	0078	1274	1304		
HCSUN	0460	0070	0160	0075	
COSUN	06.20	00.25	03.20	01.30	

MPG 15.63

TEST NO.C0148 DATE 08/27/73 DRY 74 WET 56 PRES 24.66

	CT	CS	HT	1975
HC	04.22	01.95	02.25	02.51
CO	0046.8	0012.7	0019.1	0021.6
CO2	0524.6	0507.9	0408.3	0483.8
NOX	02.94	02.16	02.91	02.53

	IDLE	LO CR	HI CR	2500	
HC	03752	01925	03338		
LHC	0646	0454	0487		
CO	01.25	00.17	02.28		
NOX	0129	1243	1551		
HCSUN	0510	0120	0280	0085	
COSUN	01.10	00.20	02.25	00.40	

MPG 16.95

VEH.NO. 073 TEST SEQ. 2 YEAR 71 MAKE FORD MODEL TORI ODOMETER 022051 NO.CYL. 8 CID 351

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.80	+0450	+04	+06	1	1	1	0	2	0
FROM STATION	01.80	+0450	+04	+06	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0190	0060	00.80	00.45	1	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0190	0060	00.80	00.45	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0123 DATE 08/24/73 DRY 70 WET 55 PRES 24.73

	CT	CS	HT	1975
HC	05.37	04.51	03.99	04.55
CO	0050.4	0047.9	0034.9	0044.8
CO2	0555.6	0523.0	0478.8	0517.5
NOX	04.07	03.00	04.11	03.53

	IDLE	LO CR	HI CR	2500	
HC	02992	03314	03356		
LHC	0490	0510	0425		
CO	02.06	00.38	00.99		
NOX	0119	1865	2077		
HCSUN	0290	0280	0250	0100	
COSUN	01.90	00.45	01.05	00.60	

MPG 14.79

TEST NO.C0123 DATE 08/24/73 DRY 70 WET 55 PRES 24.73

	CT	CS	HT	1975
HC	05.37	04.51	03.99	04.55
CO	0050.4	0047.9	0034.9	0044.8
CO2	0555.6	0523.0	0478.8	0517.5
NOX	04.07	03.00	04.11	03.53

	IDLE	LO CR	HI CR	2500	
HC	02992	03314	03356		
LHC	0490	0510	0425		
CO	02.06	00.38	00.99		
NOX	0119	1865	2077		
HCSUN	0290	0280	0250	0100	
COSUN	01.90	00.45	01.05	00.60	

MPG 14.79

VEH.NO. 074 TEST SEQ. 2 YEAR 65 MAKE FORD MODEL FAIR ODOMETER 073336 NO.CYL. 8 CID 289

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.20	+0100	+09	+02	0	2	1	0	2	0
FROM STATION	04.20	+0100	+09	+02	0	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0420	0350	04.20	02.80	1	003.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0420	0350	04.20	02.80	1	

ADDL PRRS 000.00 EST 000.00

TEST NO.C0124 DATE 08/24/73 DRY 70 WET 59 PRES 24.73

	CT	CS	HT	1975
HC	07.92	07.09	05.85	06.92
CO	0102.7	0091.7	0072.8	0088.7
CO2	0456.4	0451.5	0410.2	0441.1
NOX	05.38	04.66	05.43	05.02

	IDLE	LO CR	HI CR	2500	
HC	04465	03937	03475		
LHC	0642	0609	0491		
CO	04.50	02.67	02.01		
NOX	0177	1567	2826		
HCSUN	0405	0375	0275	0450	
COSUN	04.25	02.70	01.95	03.10	

MPG 14.79

TEST NO.C0124 DATE 08/24/73 DRY 70 WET 59 PRES 24.73

	CT	CS	HT	1975
HC	07.92	07.09	05.85	06.92
CO	0102.7	0091.7	0072.8	0088.7
CO2	0456.4	0451.5	0410.2	0441.1
NOX	05.38	04.66	05.43	05.02

	IDLE	LO CR	HI CR	2500	
HC	04465	03937	03475		
LHC	0642	0609	0491		
CO	04.50	02.67	02.01		
NOX	0177	1567	2826		
HCSUN	0405	0375	0275	0450	
COSUN	04.25	02.70	01.95	03.10	

MPG 14.79

VEH.NO. 075 TEST SEQ. 1 YEAR 71 MAKE FORD MODEL PINT ODOMETER 012609 NO.CYL. 4 CID 098

CARB.VENT. 1 TRANS. 4 WEIGHT 2250 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	10.70	-0100	+00	+05	1	2	1	0	2	0
FROM STATION	04.70	-0080	+08	+06	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0950	0175	20.00	05.50	4	005.00
AFT.RPM.ADJ	0950	0175	20.00	05.50	4	001.50
AFT.TI ADJ1	0500	0100	04.00	01.20	4	001.50
AFT.TI ADJ2	0620	0105	04.10	01.00	4	002.00
FINAL	0325	0130	04.00	01.20	1	

ADDL RPRS 006.00 EST 000.00

TEST NO.C0134 DATE 08/27/73 DRY 70 WET 54 PRES 24.74

	CT	CS	HT	1975
HC	07.20	08.36	05.77	07.40
CO	0082.8	0079.5	0061.8	0075.3
CO2	0233.9	0248.5	0215.3	0236.2
NOX	01.58	01.41	01.56	01.49

	IDLE	LO CR	HI CR	2500	
HC	40599	04852	04242		
LHC	1624	0462	0420		
CO	09.95	03.68	04.56		
NOX	0021	0552	1336		
HCSUN	2500	0335	0315	0315	
COSUN	20.00	03.80	04.50	06.50	

MPG 23.57

TEST NO.C0160 DATE 08/28/73 DRY 70 WET 58 PRES 24.78

	CT	CS	HT	1975
HC	04.98	03.97	03.27	03.99
CO	0070.0	0052.6	0046.0	0054.4
CO2	0237.7	0267.1	0212.8	0245.9
NOX	01.39	01.35	01.31	01.35

	IDLE	LO CR	HI CR	2500	
HC	06632	04092	03924		
LHC	1005	0555	0552		
CO	06.77	02.63	03.70		
NOX	0055	0355	1049		
HCSUN	0700	0250	0310	0200	
COSUN	04.80	02.60	03.50	02.30	

MPG 25.90

VEH.NO. 076 TEST SEQ. 1 YEAR 67 MAKE BUICK MODEL LESA ODOMETER 021887 NO.CYL. 8 CID 340

CARB.VENT. 4 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.60	+0180	+02	-04	1	1	1	0	2	0
FROM STATION	05.60	+0180	+02	-04	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0340	0250	05.00	05.30	1	002.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0340	0250	05.00	05.30	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0135 DATE 08/27/73 DRY 70 WET 54 PRES 24.74

	CT	CS	HT	1975
HC	11.36	08.24	07.68	08.74
CO	0212.4	0220.1	0184.3	0208.6
CO2	0401.1	0401.8	0357.0	0389.2
NOX	00.90	00.43	00.89	00.66

	IDLE	LO CR	HI CR	2500	
HC	04485	04705	04775		
LHC	0529	0610	0579		
CO	06.35	06.78	09.39		
NOX	0046	0270	0206		
HCSUN	0440	0520	0460	0400	
COSUN	05.70	06.40	09.00	06.30	

MPG 11.96

TEST NO.C0135 DATE 08/27/73 DRY 70 WET 54 PRES 24.74

	CT	CS	HT	1975
HC	11.36	08.24	07.68	08.74
CO	0212.4	0220.1	0184.3	0208.6
CO2	0401.1	0401.8	0357.0	0389.2
NOX	00.90	00.43	00.89	00.66

	IDLE	LO CR	HI CR	2500	
HC	04485	04705	04775		
LHC	0529	0610	0579		
CO	06.35	06.78	09.39		
NOX	0046	0270	0206		
HCSUN	0440	0520	0460	0400	
COSUN	05.70	06.40	09.00	06.30	

MPG 11.96

VEH.NO. 077 TEST SEQ. 3 YEAR 72 MAKE CHEVROLET MODEL IMPA ODOMETER 027848 NO.CYL. 8 CID 400

CARB.VENT. 4 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.50	+0060	+04	+01	1	1	1	1	2	0
FROM STATION	02.50	+0060	+04	+01	1	1	1	1	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0120	0045	02.10	00.25	1	003.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0120	0045	02.10	00.25	1	

ADDL PRRS 000.00 EST 000.00

TEST NO.C0136 DATE 08/27/73 DRY 71 WET 54 PRES 24.73

	CT	CS	HT	1975
HC	04.65	02.16	02.81	02.86
CO	0084.1	0052.4	0056.3	0060.1
CO2	0672.0	0720.8	0569.6	0668.7
NOX	03.10	01.97	03.18	02.54

	IDLE	LO CR	HI CR	2500	
HC	01829	02521	02041		
LHC	0284	0339	0263		
CO	02.83	00.67	01.28		
NOX	0034	1142	1400		
HCSUN	0090	0145	0100	0035	
COSUN	02.70	00.55	01.20	00.28	

MPG 11.43

TEST NO.C0136 DATE 08/27/73 DRY 71 WET 54 PRES 24.73

	CT	CS	HT	1975
HC	04.65	02.16	02.81	02.86
CO	0084.1	0052.4	0056.3	0060.1
CO2	0672.0	0720.8	0569.6	0668.7
NOX	03.10	01.97	03.18	02.54

	IDLE	LO CR	HI CR	2500	
HC	01829	02521	02041		
LHC	0284	0339	0263		
CO	02.83	00.67	01.28		
NOX	0034	1142	1400		
HCSUN	0090	0145	0100	0035	
COSUN	02.70	00.55	01.20	00.28	

MPG 11.53

VEH.NO. 078 TEST SEQ. 1 YEAR 72 MAKE FORD MODEL STAW ODOMETER 020434 NO.CYL. 8 CID 351

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.20	-0210	+24	+05	1	1	1	0	2	0
FROM STATION	04.20	-0210	+24	+05	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0170	0090	03.80	01.80	1	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0170	0090	03.80	01.80	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0137 DATE 08/27/73 DRY 72 WET 55 PRES 24.73

	CT	CS	HT	1975
HC	05.03	05.00	04.47	04.86
CO	0087.2	0095.7	0072.8	0087.6
CO2	0573.7	0660.9	0564.3	0615.9
NOX	05.17	04.36	05.79	04.93

	IDLE	LO CR	HI CR	2500	
HC	03069	03391	03151		
LHC	0399	0490	0402		
CO	04.73	01.75	01.91		
NOX	0089	1861	1871		
HCSUN	0275	0440	0330	0190	
COSUN	04.45	01.65	01.90	01.60	

MPG 11.59

TEST NO.C0137 DATE 08/27/73 DRY 72 WET 55 PRES 24.73

	CT	CS	HT	1975
HC	05.03	05.00	04.47	04.86
CO	0087.2	0095.7	0072.8	0087.6
CO2	0573.7	0660.9	0564.3	0615.9
NOX	05.17	04.36	05.79	04.93

	IDLE	LO CR	HI CR	2500	
HC	03069	03391	03151		
LHC	0399	0490	0402		
CO	04.73	01.75	01.91		
NOX	0089	1861	1871		
HCSUN	0275	0440	0330	0190	
COSUN	04.45	01.65	01.90	01.60	

MPG 11.59

VEH.NO. 079 TEST SEQ. 1 YEAR 71 MAKE FORD MODEL STAW ODOMETER 035284 NO.CYL. 8 CID 400

CARB.VENT. 2 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	07.60	-0060	+00	+02	1	1	1	0	2	0
FROM STATION	03.06	-0080	+00	-02	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0700	0840	06.40	04.40	4	002.50
AFT.RPM.ADJ	0680	0850	06.10	02.30	4	002.50
AFT.TI ADJ1	0580	0800	04.10	04.10	4	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	4	002.50
FINAL	0380	0250	03.20	01.40	2	

ADDL RPRS 010.50 EST 035.00

TEST NO.C0138 DATE 08/27/73 DRY 72 WET 55 PRES 24.73

	CT	CS	HT	1975
HC	08.17	05.71	05.07	06.05
CO	0120.9	0095.3	0059.4	0090.7
CO2	0571.4	0555.0	0518.8	0548.3
NOX	04.29	03.63	05.47	04.28

	IDLE	LO CR	HI CR	2500	
HC	05423	03102	02548		
LHC	0654	0422	0318		
CO	08.05	00.63	00.90		
NOX	0034	1797	1831		
HCSUN	0720	0365	0205	1100	
COSUN	08.20	00.65	00.90	01.10	

MPG 12.55

TEST NO.C0176 DATE 08/29/73 DRY 72 WET 58 PRES 24.76

	CT	CS	HT	1975
HC	07.39	04.20	04.49	04.95
CO	0101.1	0061.5	0041.8	0064.3
CO2	0621.5	0591.4	0531.7	0581.1
NOX	05.78	04.55	06.51	05.35

	IDLE	LO CR	HI CR	2500	
HC	03416	02781	02120		
LHC	0660	0611	0501		
CO	03.19	00.32	00.57		
NOX	0052	2211	1855		
HCSUN	0360	0240	0110	0250	
COSUN	03.20	00.40	00.58	00.75	

MPG 12.76

VEH.NO. 080 TEST SEQ. 1 YEAR 67 MAKE CHEVROLET MODEL MALI ODOMETER 075280 NO.CYL. 8 CID 283

CARB.VENT. 2 TRANS. 3 WEIGHT 3500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.60	-0060	-18	+00	1	2	1	0	2	0
FROM STATION	04.97	+0025	-06	+02	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0950	0325	03.75	03.50	4	005.50
AFT.RPM.ADJ	0950	0325	03.75	03.50	4	003.30
AFT.TI ADJ1	0600	0290	04.75	04.00	1	003.30
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0600	0290	04.75	04.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0139 DATE 08/27/73 DRY 75 WET 56 PRES 24.73

	CT	CS	HT	1975
HC	12.75	12.01	08.20	11.11
CO	0129.6	0108.3	0090.5	0107.6
CO2	0362.1	0367.0	0335.0	0357.1
NOX	02.55	01.52	02.37	01.97

	IDLE	LO CR	HI CR	2500	
HC	16863	05664	04706		
LHC	1506	0799	0667		
CO	05.56	04.38	03.14		
NOX	0028	0985	1216		
HCSUN	1750	0770	0615	0720	
COSUN	05.60	04.30	03.20	04.00	

MPG 15.87

TEST NO.C0161 DATE 08/28/73 DRY 70 WET 58 PRES 24.78

	CT	CS	HT	1975
HC	16.03	09.95	08.35	10.95
CO	0132.2	0110.0	0093.9	0110.2
CO2	0371.8	0349.4	0315.3	0344.6
NOX	02.33	01.09	01.89	01.57

	IDLE	LO CR	HI CR	2500	
HC	12729	05533	04623		
LHC	1264	0867	0742		
CO	05.93	04.36	03.01		
NOX	0022	0664	0989		
HCSUN	0800	0480	0370	0370	
COSUN	05.00	04.20	02.80	03.00	

MPG 16.13

VEH.NO. 082 TEST SEQ. 3 YEAR 71 MAKE PLYMOUTH MODEL STAW ODOMETER 050843 NO.CYL. 8 CID 383

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.70	+0090	-02	+04	1	1	1	0	2	0
FROM STATION	01.90	-0010	-02	+03	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0490	0040	08.00	01.50	4	000.00
AFT.RPM.ADJ	0220	0030	08.00	01.00	3	000.00
AFT.TI ADJ1	0110	0100	01.70	02.80	1	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0110	0100	01.70	02.60	1	

ADDL RPRS 012.00 EST 000.00

TEST NO.C0150 DATE 08/28/73 DRY 69 WET 55 PRES 24.71

	CT	CS	HT	1975
HC	06.37	04.62	04.47	04.94
CO	0131.0	0098.9	0101.3	0106.3
CO2	0614.4	0633.8	0548.9	0606.2
NOX	03.01	02.42	03.25	02.77

	IDLE	LO CR	HI CR	2500	
HC	03635	03016	04133		
LHC	0483	0416	0482		
CO	05.11	00.26	06.53		
NOX	0048	1474	0353		
HCSUN	0370	0270	0460	0090	
COSUN	04.60	00.30	06.70	00.35	

MPG 11.29

TEST NO.C0191 DATE 08/30/73 DRY 72 WET 55 PRES 24.67

	CT	CS	HT	1975
HC	07.00	04.16	04.57	04.89
CO	0137.2	0080.6	0107.7	0100.0
CO2	0589.8	0635.1	0503.7	0589.2
NOX	02.52	01.99	02.13	02.14

	IDLE	LO CR	HI CR	2500	
HC	03209	03380	04546		
LHC	0545	0639	0738		
CO	02.15	00.47	08.45		
NOX	0061	1547	0171		
HCSUN	0185	0230	0315	0060	
COSUN	02.10	01.90	08.60	00.90	

MPG 11.69

VEH.NO. 083 TEST SEQ. 1 YEAR 70 MAKE DODGE MODEL DART ODOMETER 016300 NO.CYL. 8 CID 318

CARB.VENT. 2 TRANS. 1 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.30	+0040	-05	+02	1	1	1	0	2	0
FROM STATION	00.78	-0150	+02	+06	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0220	0070	03.00	03.00	3	002.50
AFT.RPM.ADJ	0200	0070	07.00	03.20	3	000.00
AFT.TI ADJ1	0150	0175	02.80	02.40	1	005.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0150	0175	02.80	02.40	1	

ADDL PRBS 000.00 EST 000.00

TEST NO.00151 DATE 08/28/73 DRY 71 WET 54 PRES 24.71

	CT	CS	HT	1975
HC	05.16	04.24	04.28	04.44
CO	0092.4	0087.8	0067.7	0083.2
CO2	0498.1	0513.3	0440.4	0489.9
NOX	02.04	01.40	02.29	01.78

	IDLE	LO CR	HI CR	2500	
HC	04391	03585	03759		
LHC	0560	0517	0501		
CO	07.16	01.43	02.46		
NOX	0046	0608	0945		
HCSUN	0530	0390	0395	0260	
COSUN	06.60	01.70	02.50	01.40	

MPG 14.74

TEST NO.00175 DATE 08/29/73 DRY 75 WET 59 PRES 24.75

	CT	CS	HT	1975
HC	05.91	04.16	04.52	04.62
CO	0074.1	0046.5	0046.4	0052.2
CO2	0507.3	0525.1	0428.0	0494.4
NOX	02.92	02.12	03.11	02.56

	IDLE	LO CR	HI CR	2500	
HC	03216	03623	03542		
LHC	0645	0609	0556		
CO	01.11	00.79	02.41		
NOX	0063	1198	1248		
HCSUN	0400	0320	0285	0180	
COSUN	00.90	01.00	02.40	01.00	

MPG 15.07

VEH.NO. 084 TEST SEQ. 1 YEAR 70 MAKE PONTIAC MODEL GTO ODOMETER 042846 NO.CYL. 8 CID 400

CARB.VENT. 4 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MTS	NOX
FROM OWNER	02.30	+0240	+03	-01	1	1	1	0	1	0
FROM STATION	02.06	+0075	+02	-01	1	1	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0600	0200	00.80	01.50	2	000.00
AFT.RPM.ADJ	0140	0080	01.10	01.00	1	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0140	0080	01.10	01.00	1	

ADDL RPRS 004.00 EST 000.00

TEST NO.C0149 DATE 08/27/73 DRY 73 WET 55 PRES 24.71 TEST NO.C0174 DATE 08/29/73 DRY 73 WET 58 PRES 24.77

	CT	CS	HT	1975
HC	06.34	04.27	04.33	04.72
CO	0129.9	0051.2	0062.8	0070.9
CO2	0685.6	0647.1	0607.5	0644.2
NOX	02.06	02.11	02.45	02.19

	IDLE	LO CR	HI CR	2500	
HC	03802	03037	04270		
LHC	0607	0474	0645		
CO	02.65	00.59	02.62		
NOX	0067	0855	0694		
HCSUN	0500	0280	0790	0160	
COSUN	02.40	00.60	00.70	01.70	

MPG 11.56

	CT	CS	HT	1975
HC	06.38	04.23	04.31	04.70
CO	0121.5	0057.2	0069.3	0074.0
CO2	0673.1	0638.6	0573.5	0627.8
NOX	02.41	02.15	02.36	02.26

	IDLE	LO CR	HI CR	2500	
HC	03527	02476	04014		
LHC	0569	0401	0620		
CO	02.27	00.51	01.86		
NOX	0071	0733	0973		
HCSUN	0320	0150	0550	0100	
COSUN	02.40	00.55	02.10	01.75	

MPG 11.74

EL

VEH.NO. 085 TEST SEQ. 1 YEAR 68 MAKE BUICK MODEL RIVI ODOMETER 060029 NO.CYL. 8 CID 430

CARB.VENT. 4 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.50	+0090	+05	-10	1	1	1	0	1	2
FROM STATION	03.30	-0075	+06	-08	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0350	0325	08.10	03.20	4	005.50
AFT.RPM.ADJ	0380	0160	08.10	03.00	4	005.50
AFT.TI ADJ1	0250	0160	02.40	02.90	1	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0250	0160	02.40	02.90	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0165 DATE 08/29/73 DRY 69 WET 58 PRES 24.76

	CT	CS	HT	1975
HC	10.00	07.68	07.81	08.20
CO	0145.5	0155.4	0099.7	0137.8
CO2	0525.9	0493.9	0471.7	0494.5
NOX	05.19	03.28	06.16	04.48

	IDLE	LO CR	HI CR	2500	
HC	06052	04178	04903		
LHC	0893	0665	0806		
CO	08.63	03.69	02.22		
NOX	0218	0994	1936		
HCSUN	0345	0280	0315	0280	
COSUN	07.10	03.40	02.00	03.60	

MPG 12.09

TEST NO.C0190 DATE 08/30/73 DRY 72 WET 56 PRES 24.68

	CT	CS	HT	1975
HC	07.13	05.62	05.50	05.90
CO	0127.1	0105.2	0071.6	0100.5
CO2	0500.9	0498.5	0450.7	0485.7
NOX	04.21	02.62	05.03	03.62

	IDLE	LO CR	HI CR	2500	
HC	04829	04060	03571		
LHC	0733	0690	0519		
CO	03.74	03.00	01.82		
NOX	0074	1403	2474		
HCSUN	0420	0360	0240	0280	
COSUN	03.40	02.80	01.80	02.79	

MPG 13.45

VEH.NO. 087 TEST SEQ. 1 YEAR 67 MAKE OLDSMOBILE MODEL STAW ODOMETER 064223 NO.CYL. 8 CID 330

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	09.20	+0090	-18	-07	1	2	1	0	2	0
FROM STATION	09.20	+0090	-18	-07	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0230	0160	04.40	03.20	1	004.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0230	0160	04.40	03.20	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0164 DATE 08/29/73 DRY 72 WET 57 PRES 24.76

	CT	CS	HT	1975
HC	11.98	11.69	07.75	10.66
CO	0193.4	0175.7	0133.9	0167.8
CO2	0496.9	0496.3	0440.2	0480.8
NOX	03.04	01.88	02.85	02.39

	IDLE	LO CR	HI CR	2500	
HC	11326	04607	04251		
LHC	0926	0688	0622		
CO	10.53	04.43	04.49		
NOX	0020	0599	0976		
HCSUN	0565	0300	0245	0270	
COSUN	09.70	04.50	04.35	04.90	

MPG 11.45

TEST NO.C0164 DATE 08/29/73 DRY 72 WET 57 PRES 24.76

	CT	CS	HT	1975
HC	11.98	11.69	07.75	10.66
CO	0193.4	0175.7	0133.9	0167.8
CO2	0496.9	0496.3	0440.2	0480.8
NOX	03.04	01.88	02.85	02.39

	IDLE	LO CR	HI CR	2500	
HC	11326	04607	04251		
LHC	0926	0688	0622		
CO	10.53	04.43	04.49		
NOX	0020	0599	0976		
HCSUN	0565	0300	0245	0270	
COSUN	09.70	04.50	04.35	04.90	

MPG 11.45

SL

VEH.NO. 088 TEST SEQ. 1 YEAR 67 MAKE RAMBLER MODEL STAW ODOMETER 072440 NO.CYL. 8 CID 290

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	09.50	-0100	+00	-01	1	1	1	0	2	0
FROM STATION	05.80	+0040	+00	-01	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	1000	0400	08.20	02.10	4	002.50
AFT.RPM.ADJ	0950	0320	08.00	02.00	4	002.50
AFT.TI ADJ1	0400	0220	01.30	01.30	1	002.50
AFT.TI ADJ2	0400	0220	01.30	01.30	1	002.50
FINAL	0400	0220	01.30	01.30	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0163 DATE 08/29/73 DRY 71 WET 57 PRES 24.76

	CT	CS	HT	1975
HC	11.63	10.92	09.02	10.54
CO	0129.3	0147.5	0138.0	0141.1
CO2	0496.2	0452.5	0431.4	0455.8
NOX	03.51	02.69	04.14	03.27

	IDLE	LO CR	HI CR	2500	
HC	10931	04466	06315		
LHC	0921	0702	0849		
CO	10.52	00.91	10.29		
NOX	0023	2046	0149		
HCSUN	0635	0345	0540	0330	
COSUN	10.00	01.00	09.80	01.80	

MPG 12.53

TEST NO.C0179 DATE 08/30/73 DRY 71 WET 56 PRES 24.67

	CT	CS	HT	1975
HC	10.46	07.45	06.85	07.91
CO	0117.7	0113.4	0106.4	0112.3
CO2	0507.7	0480.1	0432.9	0472.8
NOX	03.87	02.74	03.30	03.13

	IDLE	LO CR	HI CR	2500	
HC	05403	04406	06311		
LHC	0831	0735	0885		
CO	06.56	00.69	10.22		
NOX	0064	2093	0183		
HCSUN	0610	0375	0540	0130	
COSUN	05.90	00.73	09.60	01.16	

MPG 13.21

VEH.NO. 090 TEST SEQ. 1 YEAR 70 MAKE FORD MODEL MAVE ODOMETER 022467 NO.CYL. 6 CID 200

CARB.VENT. 1 TRANS. 1 WEIGHT 2750 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.50	-0090	-12	+01	1	1	1	0	2	0
FROM STATION	01.50	-0090	-12	+01	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0085	0100	02.70	01.80	1	005.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0085	0100	02.70	01.80	1	

ADDL RPRS 000.00 FST 000.00

TEST NO.C0166 DATE 08/29/73 DRY 72 WET 59 PRES 24.77

	CT	CS	HT	1975
HC	04.01	03.52	03.00	03.48
CO	0059.9	0041.3	0034.1	0043.2
CO2	0391.8	0398.0	0352.2	0384.0
NOX	04.11	03.11	04.32	03.66

	IDLE	LO CR	HI CR	2500	
HC	03130	03846	03730		
LHC	0509	0639	0562		
CO	01.71	01.00	02.38		
NOX	0145	1229	1149		
HCSUN	0165	0280	0220	0125	
COSUN	01.70	00.90	02.40	01.55	

MPG 19.24

TEST NO.C0166 DATE 08/29/73 DRY 72 WET 59 PRES 24.77

	CT	CS	HT	1975
HC	04.01	03.52	03.00	03.48
CO	0059.9	0041.3	0034.1	0043.2
CO2	0391.8	0398.0	0352.2	0384.0
NOX	04.11	03.11	04.32	03.66

	IDLE	LO CR	HI CR	2500	
HC	03130	03846	03730		
LHC	0509	0639	0562		
CO	01.71	01.00	02.38		
NOX	0145	1229	1149		
HCSUN	0165	0280	0220	0125	
COSUN	01.70	00.90	02.40	01.55	

MPG 19.24

VEH.NO. 091 TEST SEQ. 3 YEAR 73 MAKE PONTIAC MODEL LEMA ODOMETER 006704 NO.CYL. 8 CID 400

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.40	+0010	+00	+03	1	2	1	0	2	2
FROM STATION	01.40	+0010	+00	+03	1	2	1	0	2	2

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0075	0040	01.20	01.00	1	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0075	0040	01.20	01.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0162 DATE 08/29/73 DRY 70 WET 56 PRES 24.76

	CT	CS	HT	1975
HC	04.06	03.19	03.07	03.34
CO	0067.3	0039.0	0031.7	0042.9
CO2	0724.6	0701.5	0598.3	0677.7
NOX	02.27	02.42	04.40	02.94

	IDLE	LO CR	HI CR	2500	
HC	02217	02475	02425		
LHC	0353	0507	0472		
CO	01.46	00.16	00.38		
NOX	0147	2659	3167		
HCSUN	0145	0150	0130	0080	
COSUN	01.55	00.25	00.40	01.90	

MPG 11.79

TEST NO.C0162 DATE 08/29/73 DRY 70 WET 56 PRES 24.76

	CT	CS	HT	1975
HC	04.06	03.19	03.07	03.34
CO	0067.3	0039.0	0031.7	0042.9
CO2	0724.6	0701.5	0598.3	0677.7
NOX	02.27	02.42	04.40	02.94

	IDLE	LO CR	HI CR	2500	
HC	02217	02475	02425		
LHC	0353	0507	0472		
CO	01.46	00.16	00.38		
NOX	0147	2659	3167		
HCSUN	0145	0150	0130	0080	
COSUN	01.55	00.25	00.40	01.90	

MPG 11.79

VEH.NO. 092 TEST SEQ. 1 YEAR 70 MAKE FORD MODEL MAVE ODOMETER 035000 NO.CYL. 6 CID 200

CARB.VENT. 1 TRANS. 1 WEIGHT 2750 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.70	+0090	+00	+05	1	2	1	0	2	0
FROM STATION	00.27	+0050	+03	+05	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0400	2500	04.00	01.50	4	001.50
AFT.RPM.ADJ	0500	2500	07.00	00.30	4	001.50
AFT.TI ADJ1	0500	2000	05.00	00.20	4	001.50
AFT.TI ADJ2	0520	1200	03.40	00.40	4	001.50
FINAL	0270	1600	02.20	00.40	2	

ADDL RPRS 000.00 EST 028.30

TEST NO.C0156 DATE 08/28/73 DRY 77 WET 59 PRES 24.77

	CT	CS	HT	1975
HC	04.63	03.17	02.72	03.35
CO	0046.7	0050.5	0027.5	0043.4
CO2	0442.7	0424.2	0388.1	0418.1
NOX	08.35	07.07	08.40	07.71

	IDLE	LO CR	HI CR	2500
HC	03796	03087	03032	
LHC	0567	0526	0473	
CO	05.16	00.12	03.03	
NOX	0071	3250	1350	
HCSUN	0340	0290	0260	2500
COSUN	04.80	00.15	03.00	01.70

MPG 17.93

TEST NO.C0201 DATE 08/31/73 DRY 80 WET 57 PRES 24.55

	CT	CS	HT	1975
HC	03.20	02.62	02.25	02.64
CO	0030.1	0023.2	0015.0	0022.4
CO2	0437.9	0421.0	0366.1	0409.3
NOX	07.15	06.14	07.71	06.79

	IDLE	LO CR	HI CR	2500
HC	03249	03034	02531	
LHC	0606	0609	0523	
CO	00.71	00.94	01.20	
NOX	0149	2276	3082	
HCSUN	0125	0215	0175	0700
COSUN	00.30	00.60	00.80	01.00

MPG 19.67

VEH.NO. 093 TEST SEQ. 1 YEAR 72 MAKE PLYMOUTH MODEL DUST ODOMETER 020817 NO.CYL. 6 CID 198

CARB.VENT. 1 TRANS. 1 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.10	-0060	+00	-03	1	2	1	0	2	0
FROM STATION	00.90	-0120	-03	-03	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0420	0020	06.50	02.50	4	000.00
AFT.RPM.ADJ	0250	0100	05.10	00.80	3	000.00
AFT.TI ADJ1	0150	0100	01.00	00.50	1	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0150	0100	01.00	00.50	1	

ADDL RPRS 012.00 EST 000.00

TEST NO.C0183 DATE 08/30/73 DRY 74 WET 56 PRES 24.67

	CT	CS	HT	1975
HC	06.59	03.43	02.96	03.96
CO	0129.2	0063.6	0076.3	0080.8
CO2	0341.9	0344.6	0302.2	0332.3
NOX	02.67	03.85	03.45	03.49

	IDLE	LO CR	HI CR	2500	
HC	05575	04257	04945		
LHC	0794	0676	0699		
CO	06.03	03.06	08.41		
NOX	0102	1811	0541		
HCSUN	0440	0275	0330	0140	
COSUN	05.20	02.80	07.90	01.00	

MPG 18.88

TEST NO.C0218 DATE 09/04/73 DRY 73 WET 54 PRES 24.88

	CT	CS	HT	1975
HC	04.07	02.95	02.76	03.14
CO	0081.0	0019.6	0045.2	0039.6
CO2	0367.4	0372.0	0336.5	0361.2
NOX	03.89	04.90	04.83	04.67

	IDLE	LO CR	HI CR	2500	
HC	07051	03677	04374		
LHC	1082	0460	0501		
CO	00.14	00.76	07.42		
NOX	0272	3709	0908		
HCSUN	0800	0190	0245	0100	
COSUN	00.14	00.85	07.50	00.35	

MPG 20.56

VEH.NO. 094 TEST SEQ. 1 YEAR 69 MAKE BUICK MODEL LESA ODOMETER 034309 NO.CYL. 8 CID 350

CARB.VENT. 4 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.60	-0060	+08	-04	1	1	1	0	2	0
FROM STATION	02.26	-0100	+02	+02	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0160	0580	03.80	04.10	4	000.00
AFT.RPM.ADJ	0140	0280	02.10	03.20	1	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0140	0280	02.10	03.20	1	

ADDL RPRS 004.00 EST 000.00

TEST NO.C0178 DATE 08/30/73 DRY 71 WET 56 PRES 24.67

	CT	CS	HT	1975
HC	07.98	05.52	05.26	05.96
CO	0204.1	0136.9	0132.5	0149.8
CO2	0470.7	0489.9	0439.6	0471.9
NOX	03.29	02.65	03.81	03.11

	IDLE	LO CR	HI CR	2500	
HC	05846	04594	04597		
LHC	0852	0774	0716		
CO	06.15	02.85	05.89		
NOX	0059	1265	1068		
HCSUN	0380	0355	0340	1000	
COSUN	05.70	02.80	06.40	03.90	

MPG 12.27

TEST NO.C0200 DATE 08/31/73 DRY 81 WET 60 PRES 24.53

	CT	CS	HT	1975
HC	08.69	04.60	04.25	05.36
CO	0215.3	0119.6	0113.3	0137.9
CO2	0449.7	0487.8	0411.3	0458.6
NOX	02.60	02.22	03.12	02.55

	IDLE	LO CR	HI CR	2500	
HC	03029	03306	03002		
LHC	0479	0565	0488		
CO	02.40	03.00	02.29		
NOX	0080	1387	2288		
HCSUN	0250	0320	0230	0300	
COSUN	02.20	02.90	01.80	03.50	

MPG 12.87

VEH.NO. 095 TEST SEQ. 1 YEAR 68 MAKE RAMBLER MODEL STAW ODOMETER 052932 NO.CYL. 8 CID 290

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	08.30	-0050	+11	-03	1	1	1	0	2	0
FROM STATION	02.16	-0025	+11	-02	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0200	0250	09.00	06.80	3	002.50
AFT.RPM.ADJ	0210	0230	08.10	05.80	3	000.00
AFT.TI ADJ1	0220	0420	03.10	01.40	1	004.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0220	0420	03.10	01.40	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0180 DATE 08/30/73 DRY 74 WET 56 PRES 24.67

	CT	CS	HT	1975
HC	10.30	10.68	09.16	10.18
CO	0138.7	0127.7	0113.1	0126.0
CO2	0393.5	0377.7	0349.8	0373.3
NOX	02.31	02.45	03.06	02.59

	IDLE	LO CR	HI CR	2500	
HC	12579	04186	05278		
LHC	1083	0728	0785		
CO	11.85	01.66	08.37		
NOX	0021	1979	0301		
HCSUN	0540	0410	0500	0400	
COSUN	08.70	01.60	08.30	02.70	

MPG 14.76

TEST NO.C0202 DATE 08/31/73 DRY 81 WET 57 PRES 24.55

	CT	CS	HT	1975
HC	08.17	05.78	06.15	06.39
CO	0114.9	0078.8	0083.4	0087.6
CO2	0392.8	0396.7	0341.7	0380.6
NOX	02.48	02.54	03.13	02.69

	IDLE	LO CR	HI CR	2500	
HC	03828	03635	04571		
LHC	0585	0572	0684		
CO	02.94	01.87	08.09		
NOX	0167	2202	0357		
HCSUN	0330	0380	0440	0410	
COSUN	02.20	01.70	08.10	02.20	

MPG 16.54

VEH.NO. 096 TEST SEQ. 1 YEAR 65 MAKE PONTIAC MODEL CATA ODOMETER 076369 NO.CYL. 8 CID 389

CARB.VENT. 4 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.10	-0010	+00	+06	1	2	1	0	1	0
FROM STATION	06.00	+0300	+00	-05	1	2	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	1310	2500	00.80	06.40	4	003.50
AFT.RPM.ADJ	1720	2500	05.00	05.40	4	002.00
AFT.TI ADJ1	1400	2500	04.50	06.20	4	002.50
AFT.TI ADJ2	0600	0380	04.40	06.80	4	002.00
FINAL	0600	0380	04.40	06.80	3	

ADDL PRRS 031.55 EST 030.00

TEST NO.C0181 DATE 08/30/73 DRY 75 WET 56 PRES 24.67

	CT	CS	HT	1975
HC	36.25	33.74	31.40	33.62
CO	0224.8	0168.6	0198.2	0188.6
CO2	0449.2	0420.7	0374.2	0413.7
NOX	01.26	00.96	01.11	01.06

	IDLE	LO CR	HI CR	2500	
HC	15430	27069	33148		
LHC	2500	2500	2500		
CO	03.73	06.73	09.18		
NOX	0032	0180	0110		
HCSUN	2500	2500	2500	2500	
COSUN	03.30	06.60	09.40	05.80	

MPG 10.91

TEST NO.C0219 DATE 09/04/73 DRY 70 WET 54 PRES 24.88

	CT	CS	HT	1975
HC	17.29	12.78	11.37	13.33
CO	0307.2	0219.8	0243.4	0244.7
CO2	0404.5	0417.5	0363.0	0399.7
NOX	00.62	00.55	00.56	00.60

	IDLE	LO CR	HI CR	2500	
HC	11942	04965	05510		
LHC	0857	0621	0636		
CO	06.33	07.49	11.09		
NOX	0024	0237	0163		
HCSUN	0720	0350	0340	0580	
COSUN	06.50	07.80	20.00	08.90	

MPG 10.78

VEH.NO. 097 TEST SEQ. 1 YEAR 64 MAKE PLYMOUTH MODEL VALI ODOMETER 026268 NO.CYL. 6 CID 170

CARB.VENT. 1 TRANS. 3 WEIGHT 3000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	09.40	+0000	+09	-02	1	2	1	0	2	0
FROM STATION	09.40	+0000	+09	-02	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0260	0240	04.60	04.80	1	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0260	0240	04.60	04.80	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0182 DATE 08/30/73 DRY 76 WET 56 PRES 24.67

	CT	CS	HT	1975
HC	10.46	08.55	06.74	08.45
CO	0147.2	0136.9	0123.7	0135.4
CO2	0301.1	0321.9	0276.0	0304.8
NOX	01.88	01.83	01.84	01.84

	IDLE	LO CR	HI CR	2500	
HC	28157	05518	05596		
LHC	1097	0834	0832		
CO	09.33	05.23	08.31		
NOX	0021	1282	0406		
HCSUN	1080	0400	0450	0550	
COSUN	10.00	04.90	08.40	06.50	

MPG 16.37

TEST NO.C0182 DATE 08/30/73 DRY 76 WET 56 PRES 24.67

	CT	CS	HT	1975
HC	10.46	08.55	06.74	08.45
CO	0147.2	0136.9	0123.7	0135.4
CO2	0301.1	0321.9	0276.0	0304.8
NOX	01.88	01.83	01.84	01.84

	IDLE	LO CR	HI CR	2500	
HC	28157	05518	05596		
LHC	1097	0834	0832		
CO	09.33	05.23	08.31		
NOX	0021	1282	0406		
HCSUN	1080	0400	0450	0550	
COSUN	10.00	04.90	08.40	06.50	

MPG 16.37

VEH.NO. 098 TEST SEQ. 5 YEAR 72 MAKE FORD MODEL MAVE ODOMETER 026575 NO.CYL. 8 CID 302

CARB.VENT. 2 TRANS. 1 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.15	+0060	+00	-09	1	1	1	0	2	0
FROM STATION	03.68	+0140	+00	-14	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0420	0220	03.20	02.00	2	002.50
AFT.RPM.ADJ	0410	0220	04.00	03.00	4	002.50
AFT.TI ADJ1	0360	0220	02.30	02.30	1	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	002.50
FINAL	0380	0220	02.30	02.30	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0192 DATE 08/31/73 DRY 74 WET 57 PRES 24.49

	CT	CS	HT	1975
HC	06.02	04.55	05.00	04.98
CO	0088.2	0082.6	0061.2	0077.8
CO2	0491.0	0525.8	0429.8	0491.9
NOX	02.64	01.32	02.55	01.93

	IDLE	LO CR	HI CR	2500	
HC	03943	03738	04320		
LHC	0629	0642	0730		
CO	04.84	01.58	02.35		
NOX	0078	0836	1979		
HCSUN	0340	0265	0340	0090	
COSUN	04.30	01.55	02.30	01.90	

MPG 14.14

TEST NO.C0205 DATE 09/04/73 DRY 70 WET 56 PRES 24.81

	CT	CS	HT	1975
HC	05.78	04.33	04.49	04.68
CO	0072.8	0068.5	0050.9	0064.5
CO2	0515.2	0536.9	0433.2	0503.6
NOX	03.15	01.67	03.04	02.36

	IDLE	LO CR	HI CR	2500	
HC	04152	03919	04331		
LHC	0485	0383	0518		
CO	04.19	00.90	01.99		
NOX	0081	0867	1302		
HCSUN	0330	0235	0330	0095	
COSUN	03.80	01.00	02.00	01.50	

MPG 14.37

VEH.NO. 099 TEST SEQ. 5 YEAR 71 MAKE CHEVROLET MODEL BLAZ ODOMETER 019987 NO.CYL. 8 CID 350

CARB.VENT. 4 TRANS. 4 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV ?

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.60	+0020	+00	+04	1	1	1	0	2	0
FROM STATION	04.00	-0010	+00	+04	1	1	1	0	?	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0140	0025	04.60	00.60	4	005.50
AFT.RPM.ADJ	0165	0015	03.90	00.20	1	003.30
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0165	0015	03.90	00.20	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.CA194 DATE 08/31/73 DRY 74 WET 57 PRES 24.49

	CT	CS	HT	1975
HC	05.17	04.52	04.47	04.64
CO	0057.5	0052.2	0054.4	0053.9
CO2	0587.0	0612.6	0511.6	0579.2
NOX	03.05	01.90	02.87	02.41

	IDLE	LO CR	HI CR	2500	
HC	04078	01804	02532		
LHC	0640	0520	0542		
CO	05.21	00.32	01.08		
NOX	0052	0682	1406		
HCSUN	0195	0055	0115	0040	
COSUN	04.70	00.35	01.05	00.43	

MPG 13.13

TEST NO.C0203 DATE 09/04/73 DRY 70 WET 55 PRES 24.77

	CT	CS	HT	1975
HC	08.53	04.19	03.96	05.03
CO	0097.8	0046.3	0041.1	0055.7
CO2	0562.6	0631.5	0512.7	0584.1
NOX	03.25	02.11	03.13	02.63

	IDLE	LO CR	HI CR	2500	
HC	03509	01699	02421		
LHC	0248	0143	0206		
CO	04.37	00.34	00.84		
NOX	0058	0731	1721		
HCSUN	0140	0048	0090	0030	
COSUN	04.10	00.35	00.70	00.30	

MPG 12.96

VEH.NO. 100 TEST SEQ. 5 YEAR 69 MAKE FORD MODEL MUST ODOMETER 047190 NO.CYL. 8 CID 302

CARB.VENT. 2 TRANS. 1 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.40	-0060	-08	+03	1	1	1	0	2	0
FROM STATION	03.06	+0040	-08	+04	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0725	0225	06.70	02.20	4	005.00
AFT.RPM.ADJ	0375	0160	05.60	02.00	4	001.00
AFT.TI ADJ1	0300	0180	03.30	02.30	1	001.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0300	0180	03.30	02.30	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0196 DATE 08/31/73 DRY 70 WET 57 PRES 24.52

	CT	CS	HT	1975
HC	08.56	06.01	05.22	06.33
CO	0119.1	0085.2	0053.1	0083.4
CO2	0470.0	0469.9	0427.6	0458.2
NOX	03.38	03.27	04.68	03.69

	IDLE	LO CR	HI CR	2500	
HC	05419	04380	03931		
LHC	0856	0811	0694		
CO	07.16	00.70	00.75		
NOX	0053	2146	2420		
HCSUN	0460	0400	0260		0180
COSUN	06.60	00.70	00.70		01.60

MPG 14.62

TEST NO.C0206 DATE 09/04/73 DRY 70 WET 56 PRES 24.85

	CT	CS	HT	1975
HC	08.06	05.71	04.52	05.90
CO	0102.2	0068.9	0050.2	0070.7
CO2	0464.0	0461.5	0401.5	0445.4
NOX	03.92	03.28	04.74	03.82

	IDLE	LO CR	HI CR	2500	
HC	05997	04575	03910		
LHC	0887	0638	0483		
CO	03.50	00.63	00.59		
NOX	0092	2309	2424		
HCSUN	0940	0450	0270		0200
COSUN	03.30	00.70	00.65		01.50

MPG 15.49

VEH.NO. 101 TEST SEQ. 3 YEAR 69 MAKE CHEVROLET MODEL STAW ODOMETER 068576 NO.CYL. 8 CID 327

CARB.VENT. 2 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.11	-0110	-08	+01	1	2	1	0	1	0
FROM STATION	00.17	-0050	+09	+01	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0700	0420	03.17	02.00	4	001.50
AFT.RPM.ADJ	0600	0430	01.90	01.80	2	001.50
AFT.TI ADJ1	0600	0360	02.20	01.20	4	001.50
AFT.TI ADJ2	0560	0360	01.40	00.70	2	001.50
FINAL	0310	0160	01.20	00.80	1	

ADDL RPRS 066.09 EST 000.00

TEST NO.C0177 DATE 08/30/73 DRY 71 WET 56 PRES 24.67

	CT	CS	HT	1975
HC	43.26	40.57	34.07	39.33
CO	0241.0	0205.2	0176.4	0204.7
CO2	0517.8	0463.0	0443.6	0469.1
NOX	02.80	01.87	03.34	02.47

	IDLE	LO CR	HI CR	2500	
HC	22170	21660	27127		
LHC	2500	2500	2500		
CO	05.62	02.81	05.71		
NOX	0046	1087	0442		
HCSUN	2500	2500	2500	2500	
COSUN	05.20	02.70	05.50	03.10	

MPG 09.73

TEST NO.C0217 DATE 09/04/73 DRY 74 WET 54 PRES 24.88

	CT	CS	HT	1975
HC	10.32	05.04	05.76	06.34
CO	0117.1	0021.8	0051.8	0050.1
CO2	0603.3	0644.9	0515.5	0600.3
NOX	06.11	06.05	06.25	06.12

	IDLE	LO CR	HI CR	2500	
HC	03690	04020	03977		
LHC	0480	0506	0441		
CO	00.24	00.48	01.13		
NOX	0286	3226	3380		
HCSUN	0295	0300	0225	0140	
COSUN	00.26	00.50	01.10	00.60	

MPG 12.74

VEH.NO. 102 TEST SEQ. 1 YEAR 64 MAKE MERCURY MODEL PARK ODOMETER 055285 NO.CYL. 8 CID 390

CARB.VENT. 4 TRANS. 1 WEIGHT 4500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	07.00	+0040	+00	-03	1	1	1	0	2	0
FROM STATION	07.00	+0040	+00	-03	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0400	0500	06.50	01.50	1	004.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0400	0500	06.50	01.50	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0210 DATE 09/04/73 DRY 76 WET 58 PRES 24.86

	CT	CS	HT	1975
HC	09.71	08.34	05.84	07.93
CO	0108.4	0122.2	0071.6	0105.3
CO2	0519.0	0475.8	0430.1	0472.2
NOX	06.99	05.92	06.71	06.37

	IDLE	LO CR	HI CR	2500	
HC	06524	04717	04302		
LHC	0699	0658	0583		
CO	08.66	01.41	01.81		
NOX	0061	2604	2647		
HCSUN	0540	0380	0290	0230	
COSUN	07.40	01.40	01.85	02.40	

MPG 13.44

TEST NO.C0210 DATE 09/04/73 DRY 76 WET 58 PRES 24.86

	CT	CS	HT	1975
HC	09.71	08.34	05.84	07.93
CO	0108.4	0122.2	0071.6	0105.3
CO2	0519.0	0475.8	0430.1	0472.2
NOX	06.99	05.92	06.71	06.37

	IDLE	LO CR	HI CR	2500	
HC	06524	04717	04302		
LHC	0699	0658	0583		
CO	08.66	01.41	01.81		
NOX	0061	2604	2647		
HCSUN	0540	0380	0290	0230	
COSUN	07.40	01.40	01.85	02.40	

MPG 13.44

VEH.NO. 103 TEST SEQ. 2 YEAR 73 MAKE FORD MODEL MAVE ODOMETER 009029 NO.CYL. 8 CID 302

CARB.VENT. 2 TRANS. 1 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.20	+0060	+00	+00	1	1	1	0	2	1
FROM STATION	02.20	+0060	+00	+00	1	1	1	0	2	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0230	0060	03.00	02.20	1	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0230	0060	03.00	02.20	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0209 DATE 09/04/73 DRY 78 WET 55 PRES 24.86

	CT	CS	HT	1975
HC	05.59	04.29	03.65	04.39
CO	0104.0	0083.2	0061.2	0081.5
CO2	0571.7	0567.7	0498.8	0549.5
NOX	01.45	01.26	01.50	01.37

	IDLE	LO CR	HI CR	2500	
HC	05465	04820	04494		
LHC	0694	0659	0676		
CO	02.39	01.44	01.20		
NOX	0085	0670	0921		
HCSUN	0300	0235	0210	0105	
COSUN	02.60	01.50	01.15	02.20	

MPG 12.88

TEST NO.C0208 DATE 09/04/73 DRY 78 WET 55 PRES 24.86

	CT	CS	HT	1975
HC	05.59	04.29	03.55	04.39
CO	0104.0	0083.2	0061.2	0081.5
CO2	0571.7	0567.7	0498.8	0549.5
NOX	01.45	01.26	01.50	01.37

	IDLE	LO CR	HI CR	2500	
HC	05465	04820	04494		
LHC	0694	0659	0676		
CO	02.39	01.44	01.20		
NOX	0085	0670	0921		
HCSUN	0300	0235	0210	0105	
COSUN	02.60	01.50	01.15	02.20	

MPG 12.88

VEH.NO. 104 TEST SEQ. 4 YEAR 68 MAKE PLYMOUTH MODEL BELV ODOMETER 058630 NO.CYL. 8 CID 273

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	09.90	+0001	+02	+02	1	1	1	0	2	0
FROM STATION	03.55	+0025	+09	+04	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0460	0200	20.00	05.50	4	000.00
AFT.RPM.ADJ	0460	0200	20.00	05.50	4	000.00
AFT.TI ADJ1	0200	0110	03.80	02.80	1	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0200	0110	03.80	02.80	1	

ADDL RPRS 004.50 EST 000.00

TEST NO.C0204 DATE 09/04/73 DRY 71 WET 55 PRES 24.77

	CT	CS	HT	1975
HC	10.59	08.81	06.55	08.55
CO	0203.0	0186.7	0145.8	0178.8
CO2	0412.5	0420.5	0369.6	0404.5
NOX	01.16	01.35	01.86	01.45

	IDLE	LO CR	HI CR	2500	
HC	12025	03941	04727		
LHC	0696	0469	0553		
CO	10.47	02.82	08.01		
NOX	0024	0991	0251		
HCSUN	0620	0315	0360	0215	
COSUN	20.00	02.90	08.10	04.60	

MPG 12.50

TEST NO.C0220 DATE 09/05/73 DRY 70 WET 52 PRES 24.94

	CT	CS	HT	1975
HC	08.13	03.80	04.68	04.95
CO	0175.7	0102.8	0102.8	0118.0
CO2	0444.7	0472.2	0383.4	0441.8
NOX	01.20	01.97	01.99	01.82

	IDLE	LO CR	HI CR	2500	
HC	04048	03826	04783		
LHC	0499	0480	0597		
CO	03.81	01.84	07.69		
NOX	0099	1788	0403		
HCSUN	0325	0263	0330	0190	
COSUN	03.80	02.00	07.80	03.80	

MPG 13.85

VEH.NO. 106 TEST SEQ. 2 YEAR 64 MAKE FORD MODEL GALA ODOMETER 030087 NO.CYL. 8 CID 289

CARB.VENT. 2 TRANS. 3 WEIGHT 4500 EXH.CON. 2 EVAP.CON. 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	08.30	+0040	+00	+02	0	1	1	0	2	0
FROM STATION	08.30	+0040	+00	+02	0	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0250	0160	05.20	04.50	1	005.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0250	0160	05.20	04.50	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0207 DATE 09/04/73 DRY 69 WET 52 PRES 24.86

	CT	CS	HT	1975
HC	14.68	13.30	10.25	12.74
CO	0157.1	0171.6	0113.2	0152.4
CO2	0414.4	0400.8	0367.9	0394.5
NOX	01.91	01.34	02.00	01.64

	IDLE	LO CR	HI CR	2500
HC	12290	04005	07435	
LHC	0680	0409	0690	
CO	08.88	03.22	06.13	
NOX	0036	0797	0531	
HCSUN	0605	0255	0560	0420
COSUN	08.80	03.10	06.00	04.90

MPG 13.21

TEST NO.C0207 DATE 09/04/73 DRY 69 WET 52 PRES 24.86

	CT	CS	HT	1975
HC	14.68	13.30	10.25	12.74
CO	0157.1	0171.6	0113.2	0152.4
CO2	0414.4	0400.8	0367.9	0394.5
NOX	01.91	01.34	02.00	01.64

	IDLE	LO CR	HI CR	2500
HC	12290	04005	07435	
LHC	0680	0409	0690	
CO	08.88	03.22	06.13	
NOX	0036	0797	0531	
HCSUN	0605	0255	0560	0420
COSUN	08.80	03.10	06.00	04.90

MPG 13.21

VEH.NO. 107 TEST SEQ. 1 YEAR 65 MAKE CHEVROLET MODEL CORV ODOMETER 076078 NO.CYL. 6 CID 164

CARB.VENT. 2 TRANS. 4 WEIGHT 2750 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.70	-0075	+02	-03	0	1	1	0	2	0
FROM STATION	04.30	+0500	+07	-03	0	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	1200	0600	04.40	04.10	4	002.50
AFT.RPM.ADJ	1000	0800	05.10	06.10	4	002.50
AFT.TI ADJ1	0800	0800	04.30	06.10	4	002.50
AFT.TI ADJ2	0800	0800	04.20	04.20	4	002.50
FINAL	0800	0780	04.20	04.20	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0209 DATE 09/04/73 DRY 72 WET 53 PRES 24.87

	CT	CS	HT	1975
HC	10.62	08.83	05.85	08.38
CO	0093.8	0079.8	0033.1	0069.7
CO2	0297.9	0332.9	0155.1	0276.2
NOX	01.58	01.34	01.77	01.51

	IDLE	LO CR	HI CR	2500	
HC	13045	05210	04840		
LHC	2088	0855	0738		
CO	02.45	03.77	04.05		
NOX	0046	0822	1229		
HCSUN	2500	0480	0400	0400	
COSUN	02.00	03.60	03.80	04.00	

MPG 21.60

TEST NO.C0229 DATE 09/05/73 DRY 75 WET 56 PRES 24.87

	CT	CS	HT	1975
HC	10.31	06.44	05.40	06.96
CO	0107.7	0102.3	0084.8	0098.6
CO2	0292.3	0339.3	0280.4	0313.2
NOX	01.21	01.11	01.38	01.21

	IDLE	LO CR	HI CR	2500	
HC	05531	04802	04636		
LHC	0500	0529	0533		
CO	04.74	04.99	05.15		
NOX	0054	0376	0904		
HCSUN	0360	0355	0375	0345	
COSUN	04.55	04.85	04.90	06.10	

MPG 18.18

VEH.NO. 108 TEST SEQ. 1 YEAR 64 MAKE FORD MODEL FALC ODOMETER 087334 NO.CYL. 6 CID 200

CARB.VENT. 1 TRANS. 3 WEIGHT 3000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.80	+0400	-05	+00	2	1	1	0	1	0
FROM STATION	03.80	+0400	-05	+00	2	1	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0240	0260	02.40	04.00	1	001.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0240	0260	02.40	04.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0212 DATE 09/04/73 DRY 78 WET 55 PRES 24.90

	CT	CS	HT	1975
HC	08.57	08.17	08.16	08.25
CO	0103.1	0145.6	0115.4	0128.3
CO2	0310.7	0301.8	0274.6	0296.1
NOX	00.99	00.42	00.67	00.61

	IDLE	LO CR	HI CR	2500
HC	05562	05856	05129	
LHC	0610	0830	0531	
CO	04.04	07.43	04.88	
NOX	0046	0174	0556	
HCSUN	0520	0460	0460	0490
COSUN	04.10	07.60	05.40	06.20

MPG 17.00

TEST NO.C0212 DATE 09/04/73 DRY 78 WET 55 PRES 24.90

	CT	CS	HT	1975
HC	08.57	08.17	08.16	08.25
CO	0103.1	0145.6	0115.4	0128.3
CO2	0310.7	0301.8	0274.6	0296.1
NOX	00.99	00.42	00.67	00.61

	IDLE	LO CR	HI CR	2500
HC	05562	05856	05129	
LHC	0610	0830	0531	
CO	04.04	07.43	04.88	
NOX	0046	0174	0556	
HCSUN	0520	0460	0460	0490
COSUN	04.10	07.60	05.40	06.20

MPG 17.00

VEH.NO. 109 TEST SEQ. 1 YEAR 66 MAKE RAMBLER MODEL AMER ODOMETER 064169 NO.CYL. 6 CID 232

CARB.VENT. 1 TRANS. 3 WEIGHT 3000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	07.20	+0040	-05	-01	2	1	1	0	2	0
FROM STATION	07.20	+0040	-05	-01	2	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0600	0400	05.20	04.80	1	001.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0600	0400	05.20	04.80	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0211 DATE 09/04/73 DRY 77 WET 55 PRES 24.86

	CT	CS	HI	1975
HC	10.17	07.78	06.98	08.06
CO	0104.7	0113.9	0097.3	0107.4
CO2	0307.0	0279.2	0250.8	0277.1
NOX	03.12	01.51	02.10	02.01

	IDLE	LO CR	HI CR	2500	
HC	17023	04650	04177		
LHC	1029	0706	0563		
CO	08.49	02.57	02.62		
NOX	0026	1805	2058		
HCSUN	0720	0340	0265	0730	
COSUN	08.00	02.45	02.00	09.10	

MPG 18.90

TEST NO.C0211 DATE 09/04/73 DRY 77 WET 55 PRES 24.86

	CT	CS	HT	1975
HC	10.17	07.78	06.98	08.06
CO	0104.7	0113.9	0097.3	0107.4
CO2	0307.0	0279.2	0250.8	0277.1
NOX	03.12	01.51	02.10	02.01

	IDLE	LO CR	HI CR	2500	
HC	17023	04650	04177		
LHC	1029	0706	0563		
CO	08.49	02.57	02.62		
NOX	0026	1805	2058		
HCSUN	0720	0340	0265	0730	
COSUN	08.00	02.45	02.00	09.10	

MPG 18.90

VEH.NO. 110 TEST SEQ. 1 YEAR 69 MAKE CHEVROLET MODEL CHEV ODOMETER 045577 NO.CYL. 8 CID 307

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.70	+0100	-01	+00	1	2	1	0	2	2
FROM STATION	00.90	-0010	+02	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0300	0220	02.40	04.80	3	002.50
AFT.RPM.ADJ	0280	0250	03.20	04.80	3	002.50
AFT.TI ADJ1	0180	0200	03.40	04.60	3	002.50
AFT.TI ADJ2	0300	0230	01.50	03.00	1	002.50
FINAL	0300	0230	01.50	03.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0221 DATE 09/05/73 DRY 71 WET 52 PRES 24.94

	CT	CS	HT	1975
HC	09.11	05.42	05.43	06.20
CO	0151.5	0085.5	0090.8	0100.8
CO2	0431.5	0452.9	0378.6	0427.8
NOX	02.12	02.06	02.13	02.09

	IDLE	LO CR	HI CR	2500	
HC	04161	04612	04387		
LHC	0519	0612	0536		
CO	03.07	03.92	04.18		
NOX	0090	0995	1410		
HCSUN	0310	0350	0290	0200	
COSUN	03.00	04.00	04.10	03.20	

MPG 14.70

TEST NO.C0242 DATE 09/06/73 DRY 77 WET 55 PRES 24.70

	CT	CS	HT	1975
HC	08.35	05.11	05.50	05.90
CO	0143.2	0064.5	0089.3	0087.9
CO2	0439.9	0454.9	0398.7	0436.2
NOX	02.19	02.14	02.39	02.22

	IDLE	LO CR	HI CR	2500	
HC	03505	04566	04261		
LHC	0410	0560	0456		
CO	01.05	03.97	03.96		
NOX	0109	0980	1483		
HCSUN	0340	0415	0330	0300	
COSUN	01.95	03.85	03.90	04.60	

MPG 15.02

VEH.NO. 111 TEST SEQ. 2 YEAR 72 MAKE FORD MODEL TORI ODOMETER 017170 NO.CYL. 8 CID 302

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.00	+0120	-02	-10	1	2	1	0	2	0
FROM STATION	01.00	+0120	-02	-10	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0085	0090	00.40	00.75	1	003.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0085	0090	00.40	00.75	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0232 DATE 09/06/73 DRY 70 WET 54 PRES 24.87

	CT	CS	HT	1975
HC	07.12	04.16	04.96	05.00
CO	0128.3	0055.6	0064.4	0073.3
CO2	0558.6	0662.9	0510.2	0598.7
NOX	03.30	02.62	03.79	03.09

	IDLE	LO CR	HI CR	2500	
HC	02866	03707	03675		
LHC	0294	0414	0398		
CO	01.13	01.15	02.05		
NOX	0313	2258	2469		
HCSUN	0205	0300	0280	0090	
COSUN	01.10	01.25	02.10	01.25	

MPG 12.21

TEST NO.C0232 DATE 09/06/73 DRY 70 WET 54 PRES 24.87

	CT	CS	HT	1975
HC	07.12	04.16	04.96	05.00
CO	0128.3	0055.6	0064.4	0073.3
CO2	0558.6	0662.9	0510.2	0598.7
NOX	03.30	02.62	03.79	03.09

	IDLE	LO CR	HI CR	2500	
HC	02866	03707	03675		
LHC	0294	0414	0398		
CO	01.13	01.15	02.05		
NOX	0313	2258	2469		
HCSUN	0205	0300	0280	0090	
COSUN	01.10	01.25	02.10	01.25	

MPG 12.21

VEH.NO. 112 TEST SEQ. 2 YEAR 70 MAKE FORD MODEL MUST ODOMETER 051330 NO.CYL. 8 CID 351

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	09.90	+0000	-10	-04	1	1	1	0	2	0
FROM STATION	09.90	+0000	-10	-04	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0050	0010	09.00	05.00	1	004.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0050	0010	09.00	05.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0233 DATE 09/06/73 DRY 70 WET 56 PRES 24.87

	CT	CS	HT	1975
HC	07.21	07.19	05.05	06.60
CO	0066.2	0093.0	0045.4	0074.2
CO2	0543.6	0447.5	0410.5	0457.3
NOX	06.68	03.48	05.95	04.84

	IDLE	LO CR	HI CR	2500	
HC	11204	02951	02853		
LHC	0710	0338	0311		
CO	10.21	00.50	00.87		
NOX	0029	2666	3835		
HCSUN	0600	0230	0205	0650	
COSUN	20.00	00.60	00.90	00.80	

MPG 14.98

TEST NO.C0233 DATE 09/06/73 DRY 70 WET 56 PRES 24.87

	CT	CS	HT	1975
HC	07.21	07.19	05.05	06.60
CO	0066.2	0093.0	0045.4	0074.2
CO2	0543.6	0447.5	0410.5	0457.3
NOX	06.68	03.48	05.95	04.84

	IDLE	LO CR	HI CR	2500	
HC	11204	02951	02853		
LHC	0710	0338	0311		
CO	10.21	00.50	00.87		
NOX	0029	2666	3835		
HCSUN	0600	0230	0205	0650	
COSUN	20.00	00.60	00.90	00.80	

MPG 14.98

VEH.NO. 113 TEST SEQ. 2 YEAR 69 MAKE CHEVROLET MODEL STAW ODOMETER 075334 NO.CYL. 8 CID 350

CARB.VENT. 4 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	10.50	+0190	+00	-01	1	2	1	1	2	0
FROM STATION	05.30	+0030	+00	-01	1	1	1	1	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0400	0125	20.00	01.80	3	000.00
AFT.RPM.ADJ	0400	0125	20.00	01.80	3	000.00
AFT.TI ADJ1	0200	0125	04.80	01.60	1	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0200	0125	04.80	01.60	1	

ADDL RPRS 012.00 EST 000.00

TEST NO.C0234 DATE 09/06/73 DRY 70 WET 54 PRES 24.89

	CT	CS	HT	1975
HC	07.90	07.85	06.17	07.39
CO	0114.6	0121.3	0068.6	0105.3
CO2	0516.6	0484.8	0446.9	0481.0
NOX	04.90	03.37	05.93	04.40

	IDLE	LO CR	HI CR	2500	
HC	11627	03857	03033		
LHC	0716	0447	0291		
CO	11.09	01.64	00.31		
NOX	0021	1935	3931		
HCSUN	0590	0315	0180	0725	
COSUN	20.00	01.80	00.38	02.70	

MPG 13.30

TEST NO.C0256 DATE 09/07/73 DRY 76 WET 55 PRES 24.59

	CT	CS	HT	1975
HC	07.87	05.78	05.13	06.04
CO	0118.3	0090.7	0055.9	0086.8
CO2	0528.9	0502.4	0460.6	0496.3
NOX	04.46	03.24	05.15	04.02

	IDLE	LO CR	HI CR	2500	
HC	04272	03742	03123		
LHC	0499	0443	0307		
CO	05.59	01.85	00.85		
NOX	0068	1704	3091		
HCSUN	0330	0320	0190	0200	
COSUN	05.30	01.85	00.85	02.80	

MPG 13.66

VEH.NO. 115 TEST SEQ. 2 YEAR 67 MAKE CHEVROLET MODEL IMPA ODOMETER 064860 NO.CYL. 8 CID 283

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.45	+0020	+00	+06	1	2	1	0	2	0
FROM STATION	03.45	+0020	+00	+06	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0380	0550	02.60	05.80	1	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0380	0550	02.60	05.80	1	

ADDL RPRS 000.00 FST 000.00

TEST NO.C0236 DATE 09/06/73 DRY 76 WET 57 PRES 24.89

	CT	CS	HT	1975
HC	13.28	13.48	11.24	12.82
CO	0176.1	0178.3	0154.2	0171.2
CO2	0452.8	0438.1	0416.8	0435.2
NOX	02.32	01.21	02.37	01.77

	IDLE	LO CR	HI CR	2500	
HC	08665	06758	08687		
LHC	1488	1095	1161		
CO	03.75	03.50	09.60		
NOX	0224	1268	0245		
HCSUN	1090	0790	0800	0180	
COSUN	03.60	03.30	09.20	05.00	

MPG 11.96

TEST NO.C0236 DATE 09/06/73 DRY 76 WET 57 PRES 24.89

	CT	CS	HT	1975
HC	13.28	13.48	11.24	12.82
CO	0176.1	0178.3	0154.2	0171.2
CO2	0452.8	0438.1	0416.8	0435.2
NOX	02.32	01.21	02.37	01.77

	IDLE	LO CR	HI CR	2500	
HC	08665	06758	08687		
LHC	1488	1095	1161		
CO	03.75	03.50	09.60		
NOX	0224	1268	0245		
HCSUN	1090	0790	0800	0180	
COSUN	03.60	03.30	09.20	05.00	

MPG 11.96

VEH.NO. 116 TEST SEQ. 1 YEAR 73 MAKE CHEVROLET MODEL VEGA ODOMETER 009706 NO.CYL. 4 CID 140

CARB.VENT. 2 TRANS. 3 WEIGHT 2500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	08.80	-0100	+04	-01	1	2	1	0	2	1
FROM STATION	02.60	-0110	+02	+00	2	2	1	0	2	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0220	0180	03.20	02.40	4	002.50
AFT.RPM.ADJ	0300	0200	02.20	03.10	0	002.50
AFT.TI ADJ1	0200	0220	01.00	02.10	0	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	002.50
FINAL	0200	0220	01.10	02.10	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0246 DATE 09/07/73 DRY 72 WET 53 PRES 24.76

	CT	CS	HT	1975
HC	05.98	05.20	03.90	05.00
CO	0100.2	0085.3	0066.9	0083.3
CO2	0270.5	0271.6	0221.2	0257.4
NOX	01.56	00.88	01.41	01.17

	IDLE	LO CR	HI CR	2500	
HC	20309	03128	03218		
LHC	1036	0319	0358		
CO	08.96	02.80	04.95		
NOX	0020	0555	0784		
HCSUN	0710	0165	0190	0110	
COSUN	08.90	02.70	04.50	03.90	

MPG 22.04

TEST NO.C0278 DATE 09/10/73 DRY 73 WET 64 PRES 24.86

	CT	CS	HT	1975
HC	09.11	05.85	05.08	06.32
CO	0105.5	0087.7	0073.7	0087.5
CO2	0256.1	0266.5	0242.7	0257.7
NOX	01.31	00.87	01.80	01.22

	IDLE	LO CR	HI CR	2500	
HC	04505	03238	03495		
LHC	0556	0400	0454		
CO	02.95	02.31	05.65		
NOX	0049	0436	0506		
HCSUN	0340	0150	0205	0120	
COSUN	02.75	02.30	05.00	03.50	

MPG 21.45

18

VEH.NO. 117 TEST SEQ. 6 YEAR 70 MAKE OLDSMOBILE MODEL CUTL ODOMETER 053727 NO.CYL. 8 CID 350

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.20	+0000	-04	+14	2	2	1	0	2	0
FROM STATION	00.21	+0025	+00	-01	2	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0260	0095	06.40	03.60	4	005.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0150	0085	00.60	03.40	1	002.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0150	0085	00.60	03.40	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0247 DATE 09/07/73 DRY 71 WET 55 PRES 24.74

	CT	CS	HT	1975
HC	07.44	05.23	04.55	05.51
CO	0145.?	0123.1	0103.5	0122.3
CO2	0541.2	0518.3	0458.3	0506.5
NOX	02.73	01.57	02.37	02.04

	IDLE	LO CR	HI CR	2500	
HC	03876	03898	03623		
LHC	0459	0457	0385		
CO	05.56	03.22	03.91		
NOX	0071	0846	1168		
HCSUN	0270	0260	0205	0115	
COSUN	05.00	03.10	03.70	04.10	

MPG 12.44

TEST NO.C0277 DATE 09/10/73 DRY 80 WET 66 PRES 24.88

	CT	CS	HT	1975
HC	08.14	05.09	08.18	06.59
CO	0139.2	0069.7	0094.7	0091.2
CO2	0577.8	0595.1	0507.5	0567.2
NOX	02.33	01.74	02.53	02.08

	IDLE	LO CR	HI CR	2500	
HC	03094	03891	03681		
LHC	0555	0725	0727		
CO	00.24	02.89	03.33		
NOX	0092	0650	1120		
HCSUN	0175	0265	0215	0140	
COSUN	00.25	03.10	03.30	03.20	

MPG 12.18

VEH.NO. 118 TEST SEQ. 1 YEAR 67 MAKE PONTIAC MODEL CATA ODOMETER 071128 NO.CYL. 8 CID 400

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.39	+0000	-04	+03	1	1	1	0	1	0
FROM STATION	00.39	+0000	-04	+03	1	1	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0500	0200	00.20	02.40	1	001.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0500	0200	00.20	02.40	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0248 DATE 09/07/73 DRY 72 WET 56 PRES 24.74

	CT	CS	HT	1975
HC	05.75	04.59	04.47	04.80
CO	0100.7	0058.4	0079.5	0073.1
CO2	0546.6	0542.1	0450.7	0517.7
NOX	03.32	02.82	03.17	03.02

	IDLE	LO CR	HI CR	2500	
HC	03828	03517	03113		
LHC	0411	0377	0309		
CO	00.50	02.52	02.94		
NOX	0163	1371	1727		
HCSUN	0240	0220	0170	0135	
COSUN	00.50	02.90	03.00	03.90	

MPG 13.75

TEST NO.C0248 DATE 09/07/73 DRY 72 WET 56 PRES 24.74

	CT	CS	HT	1975
HC	05.75	04.59	04.47	04.80
CO	0100.7	0058.4	0079.5	0073.1
CO2	0546.6	0542.1	0450.7	0517.7
NOX	03.32	02.82	03.17	03.02

	IDLE	LO CR	HI CR	2500	
HC	03828	03517	03113		
LHC	0411	0377	0309		
CO	00.50	02.52	02.94		
NOX	0163	1371	1727		
HCSUN	0240	0220	0170	0135	
COSUN	00.50	02.90	03.00	03.90	

MPG 13.75

VEH.NO. 119 TEST SEQ. 1 YEAR 71 MAKE PONTIAC MODEL LEMA ODOMETER 031776 NO.CYL. 8 CID 350

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.45	-0010	+00	+00	1	2	1	0	1	0
FROM STATION	02.45	-0010	+00	+00	1	2	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0290	0055	01.60	01.40	1	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0290	0055	01.60	01.40	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0249 DATE 09/07/73 DRY 76 WET 59 PRES 24.72

	CT	CS	HT	1975
HC	06.49	04.36	03.60	04.59
CO	0119.9	0047.7	0039.1	0060.4
CO2	0568.5	0570.7	0492.1	0548.4
NOX	02.97	03.03	04.10	03.32

	IDLE	LO CR	HI CR	2500	
HC	04107	03395	02837		
LHC	0553	0355	0258		
CO	02.75	01.23	00.95		
NOX	0175	1593	2286		
HCSUN	0335	0190	0130	0060	
COSUN	02.50	01.10	00.90	01.90	

MPG 13.54

TEST NO.C0249 DATE 09/07/73 DRY 76 WET 59 PRES 24.72

	CT	CS	HT	1975
HC	06.49	04.36	03.60	04.59
CO	0119.9	0047.7	0039.1	0060.4
CO2	0568.5	0570.7	0492.1	0548.4
NOX	02.97	03.03	04.10	03.32

	IDLE	LO CR	HI CR	2500	
HC	04107	03395	02837		
LHC	0553	0355	0258		
CO	02.75	01.23	00.95		
NOX	0175	1593	2286		
HCSUN	0335	0190	0130	0060	
COSUN	02.50	01.10	00.90	01.90	

MPG 13.54

VEH.NO. 120 TEST SEQ. 1 YEAR 67 MAKE DODGE MODEL CORO ODOMETER 044942 NO.CYL. 8 CID 318

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.20	+0280	+00	-01	1	1	1	1	2	0
FROM STATION	03.40	+0020	+00	+00	1	1	1	1	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0400	0850	01.00	01.00	2	000.00
AFT.RPM.ADJ	0400	0870	01.00	01.00	2	000.00
AFT.TI ADJ1	0400	0200	02.00	03.00	1	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0400	0200	02.00	03.00	1	

ADDL RPRS 012.00 EST 000.00

TEST NO.C0245 DATE 09/07/73 DRY 71 WET 53 PRES 24.76

	CT	CS	HT	1975
HC	08.56	06.21	05.15	06.41
CO	0131.1	0101.9	0087.0	0103.9
CO2	0431.5	0443.2	0399.8	0428.7
NOX	02.67	02.15	02.83	02.45

	IDLE	LO CR	HI CR	2500	
HC	04252	04684	04126		
LHC	0512	0571	0442		
CO	03.49	05.55	04.85		
NOX	0121	0605	0904		
HCSUN	0350	0365	0269	0220	
COSUN	03.40	05.30	04.70	03.30	

MPG 14.55

TEST NO.C0279 DATE 09/10/73 DRY 70 WET 60 PRES 24.83

	CT	CS	HT	1975
HC	14.00	10.54	08.17	10.61
CO	0180.9	0154.2	0116.0	0149.2
CO2	0442.4	0405.1	0382.7	0406.7
NOX	02.07	01.43	02.25	01.79

	IDLE	LO CR	HI CR	2500	
HC	05119	04643	04492		
LHC	0660	0615	0539		
CO	03.69	03.09	05.20		
NOX	0075	1235	0714		
HCSUN	0470	0410	0330	0340	
COSUN	03.65	03.00	04.80	04.20	

MPG 13.20

VEH.NO. 121 TEST SEQ. 1 YEAR 67 MAKE VOLKSWAGON MODEL SEDA ODOMETER 048582 NO.CYL. 4 CID 091

CARB.VENT. 1 TRANS. 4 WEIGHT 2000 EXH.CON. 2 EVAP.CON. 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	08.70	-0150	+00	-09	0	1	1	0	2	0
FROM STATION	04.80	+0050	+00	-10	0	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	1300	0200	07.80	05.50	4	005.00
AFT.RPM.ADJ	2000	0200	07.20	05.70	4	001.00
AFT.TI ADJ1	0400	0195	04.20	04.10	1	001.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0400	0195	04.20	04.10	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0266 DATE 09/10/73 DRY 70 WET 60 PRES 24.84

	CT	CS	HT	1975
HC	07.74	09.95	05.93	08.37
CO	0103.9	0105.9	0082.7	0099.0
CO2	0240.6	0240.1	0213.8	0232.9
NOX	02.40	01.74	02.13	01.99

	IDLE	LO CR	HI CR	2500	
HC	34614	04950	03999		
LHC	2500	0599	0488		
CO	08.41	05.29	04.54		
NOX	0021	1126	1840		
HCSUN	1790	0320	0235	0260	
COSUN	09.40	05.00	04.20	06.30	

MPG 21.47

TEST NO.C0294 DATE 09/11/73 DRY 75 WET 60 PRES 24.65

	CT	CS	HT	1975
HC	06.17	06.41	04.80	05.91
CO	0094.2	0098.7	0075.6	0096.2
CO2	0241.9	0245.4	0220.8	0237.8
NOX	02.45	01.86	02.20	02.08

	IDLE	LO CR	HI CR	2500	
HC	07650	04501	03949		
LHC	0698	0512	0461		
CO	05.61	05.16	04.09		
NOX	0054	1280	1955		
HCSUN	0400	0280	0220	0305	
COSUN	04.90	04.80	03.70	04.20	

MPG 22.72

VEH.NO. 122 TEST SEQ. 1 YEAR 67 MAKE PONTIAC MODEL FIRE ODOMETER 042146 NO.CYL. 8 CID 326

CARB.VENT. 2 TRANS. 3 WEIGHT 3500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.90	-0110	+00	-02	1	1	1	0	2	0
FROM STATION	05.40	+0120	+00	+03	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	1200	0300	06.40	04.20	4	002.50
AFT.RPM.ADJ	1100	0300	05.00	02.20	2	000.00
AFT.TI ADJ1	0850	0350	05.20	03.10	2	000.00
AFT.TI ADJ2	0800	0430	05.40	04.80	1	000.00
FINAL	0800	0430	05.40	04.80	1	

ADDL RPRS 025.49 EST 000.00

TEST NO.C0267 DATE 09/10/73 DRY 70 WET 61 PRES 24.84

	CT	CS	HT	1975
HC	09.91	11.88	09.48	10.80
CO	0088.4	0138.8	0091.9	0115.2
CO2	0426.7	0365.1	0336.8	0370.1
NOX	04.12	01.85	03.36	02.74

	IDLE	LO CR	HI CR	2500	
HC	19722	04720	04183		
LHC	1945	0536	0566		
CO	07.32	02.55	02.31		
NOX	0026	1924	3119		
HCSUN	0240	0355	0305	0420	
COSUN	06.80	02.70	02.40	05.70	

MPG 15.22

TEST NO.C0291 DATE 09/11/73 DRY 74 WET 62 PRES 24.72

	CT	CS	HT	1975
HC	14.09	12.81	08.76	11.95
CO	0115.4	0150.8	0099.0	0129.0
CO2	0396.2	0358.4	0352.9	0364.8
NOX	03.14	01.35	03.52	02.33

	IDLE	LO CR	HI CR	2500	
HC	18165	04409	04122		
LHC	1241	0537	0506		
CO	06.53	02.49	02.18		
NOX	0038	1756	2896		
HCSUN	0740	0290	0255	0330	
COSUN	05.40	02.30	02.00	04.40	

MPG 14.72

VEH.NO. 123 TEST SEQ. 2 YEAR 64 MAKE CHEVROLET MODEL IMP ODOMETER 085172 NO.CYL. 8 CID 283

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	07.40	+0100	-01	+00	1	1	1	0	2	0
FROM STATION	07.40	+0100	-01	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0420	0420	01.80	05.00	1	003.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0420	0420	01.80	05.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0250 DATE 09/07/73 DRY 76 WET 60 PRES 24.72

	CT	CS	HT	1975
HC	11.45	08.91	08.07	09.21
CO	0187.6	0154.0	0152.8	0160.7
CO2	0403.3	0388.6	0346.1	0379.9
NOX	01.63	01.04	01.44	01.27

	IDLE	LO CR	HI CR	2500
HC	08637	05442	04994	
LHC	0922	0710	0586	
CO	08.36	06.48	05.89	
NOX	0044	0469	0924	
HCSUN	0615	0450	0360	0550
COSUN	07.80	06.00	05.40	05.80

MPG 13.47

TEST NO.C0250 DATE 09/07/73 DRY 76 WET 60 PRES 24.72

	CT	CS	HT	1975
HC	11.45	08.91	08.07	09.21
CO	0187.6	0154.0	0152.8	0160.7
CO2	0403.3	0388.6	0346.1	0379.9
NOX	01.63	01.04	01.44	01.27

	IDLE	LO CR	HI CR	2500
HC	08637	05442	04994	
LHC	0922	0710	0586	
CO	08.36	06.48	05.89	
NOX	0044	0469	0924	
HCSUN	0615	0450	0360	0550
COSUN	07.80	06.00	05.40	05.80

MPG 13.47

VEH.NO. 124 TEST SEQ. 1 YEAR 73 MAKE VOLKSWAGON MODEL BUS ODOMETER 003006 NO.CYL. 4 CID 102

CARB.VENT. 2 TRANS. 4 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.10	-0260	+14	-05	0	1	1	0	1	0
FROM STATION	02.10	-0230	+15	+04	0	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0380	0200	03.00	01.20	2	002.50
AFT.RPM.ADJ	0360	0180	03.00	01.20	1	002.50
AFT.TI ADJ1	0200	0120	01.20	01.20	1	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0200	0120	01.20	01.20	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0280 DATE 09/11/73 DRY 70 WET 61 PRES 24.79

	CT	CS	HT	1975
HC	04.83	02.86	03.04	03.32
CO	0083.0	0044.9	0053.7	0055.3
CO2	0404.6	0472.2	0367.4	0429.0
NOX	03.88	02.98	03.84	03.41

	IDLE	LO CR	HI CR	2500	
HC	01520	01965	03855		
LHC	0227	0284	0464		
CO	03.19	00.74	07.13		
NOX	0053	1285	0971		
HCSUN	0080	0120	0250	0045	
COSUN	02.50	00.60	05.50	00.75	

MPG 16.92

TEST NO.C0308 DATE 09/12/73 DRY 79 WET 60 PRES 24.65

	CT	CS	HT	1975
HC	04.47	02.81	04.17	03.53
CO	0051.3	0049.7	0067.4	0057.0
CO2	0393.2	0438.0	0339.3	0401.2
NOX	03.90	02.27	02.75	02.74

	IDLE	LO CR	HI CR	2500	
HC	02726	02705	03013		
LHC	0555	0594	0553		
CO	03.04	01.67	05.04		
NOX	0054	1242	1074		
HCSUN	0080	0100	0110	0035	
COSUN	02.20	01.20	04.00	01.60	

MPG 17.74

VEH.NO. 125 TEST SEQ. 6 YEAR 71 MAKE PONTIAC MODEL CATA ODOMETER 029602 NO.CYL. 8 CID 400

CARB.VENT. 2 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.30	+0040	+04	+00	1	1	1	0	2	0
FROM STATION	01.30	+0040	+04	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0120	0050	01.40	01.10	1	000.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0120	0050	01.40	01.10	1	

ADDL RPRS 004.00 EST 000.00

TEST NO.C0281 DATE 09/11/73 DRY 71 WET 62 PRES 24.79

	CT	CS	HT	1975
HC	06.03	04.78	04.77	05.04
CO	0101.0	0051.5	0046.0	0060.3
CO2	0714.3	0689.1	0597.7	0669.0
NOX	05.82	04.34	07.34	05.48

	IDLE	LO CR	HI CR	2500
HC	02836	02771	02440	
LHC	0313	0305	0259	
CO	01.51	00.67	00.81	
NOX	0152	2093	2749	
HCSUN	0190	0170	0125	0280
COSUN	01.50	00.70	00.85	01.60

MPG 11.42

TEST NO.C0281 DATE 09/11/73 DRY 71 WET 62 PRES 24.79

	CT	CS	HT	1975
HC	06.03	04.78	04.77	05.04
CO	0101.0	0051.5	0046.0	0060.3
CO2	0714.3	0689.1	0597.7	0669.0
NOX	05.82	04.34	07.34	05.48

	IDLE	LO CR	HI CR	2500
HC	02836	02771	02440	
LHC	0313	0305	0259	
CO	01.51	00.67	00.81	
NOX	0152	2093	2749	
HCSUN	0190	0170	0125	0280
COSUN	01.50	00.70	00.85	01.60

MPG 11.42

VEH.NO. 126 TEST SEQ. 1 YEAR 66 MAKE CHEVROLET MODEL IMPA ODOMETER 033735 NO.CYL. 8 CID 327

CARB.VENT. 4 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	08.20	+0045	-02	+03	1	1	1	0	2	0
FROM STATION	03.50	+0000	-02	+01	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0740	0300	09.25	04.60	4	005.50
AFT.RPM.ADJ	0680	0320	08.40	04.60	4	003.30
AFT.TI ADJ1	0750	0350	03.00	03.80	1	003.30
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0750	0350	03.00	03.80	1	

ADDL PRS 000.00 EST 000.00

TEST NO.C0282 DATE 09/11/73 DRY 69 WET 59 PRES 24.79

	CT	CS	HT	1975
HC	10.39	09.29	07.56	09.04
CO	0145.9	0158.0	0121.7	0145.4
CO2	0483.3	0420.8	0384.3	0423.8
NOX	03.87	02.09	02.99	02.71

	IDLE	LO CR	HI CR	2500	
HC	07578	04619	03854		
LHC	0871	0613	0485		
CO	09.00	03.67	02.48		
NOX	0044	1268	2268		
HCSUN	0680	0420	0280		0325
COSUN	08.80	03.50	02.50		05.00

MPG 13.09

TEST NO.C0306 DATE 09/12/73 DRY 79 WET 60 PRES 24.65

	CT	CS	HT	1975
HC	09.78	07.36	06.26	07.56
CO	0142.9	0118.9	0105.7	0120.3
CO2	0444.3	0414.3	0379.8	0411.0
NOX	03.03	01.98	02.87	02.44

	IDLE	LO CR	HI CR	2500	
HC	06228	04804	04048		
LHC	0919	0750	0525		
CO	04.03	04.27	02.79		
NOX	0063	1106	1977		
HCSUN	0520	0340	0245		0320
COSUN	03.30	03.70	02.60		06.20

MPG 14.28

VEH.NO. 127 TEST SEQ. 1 YEAR 65 MAKE DODGE MODEL CORO ODOMETER 048219 NO.CYL. 8 CID 318

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.30	-0100	+05	+00	1	2	1	0	2	0
FROM STATION	00.20	+0120	+05	+05	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0350	0250	05.00	08.50	3	000.00
AFT.RPM.ADJ	0340	0250	04.90	08.25	0	000.00
AFT.TI ADJ1	0350	0250	02.50	05.75	1	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0350	0250	02.50	05.75	1	

ADDL RPRS 012.00 EST 000.00

TEST NO.C0283 DATE 09/11/73 DRY 72 WET 62 PRES 24.79

	CT	CS	HT	1975
HC	14.31	06.77	05.00	07.86
CO	0210.5	C081.5	0059.0	0102.3
CO2	0386.4	0437.4	0398.0	0415.8
NOX	01.82	05.12	05.70	04.59

	IDLE	LO CR	HI CR	2500	
HC	05777	04765	04219		
LHC	0720	0634	0507		
CO	04.79	00.80	02.39		
NOX	0126	3173	2137		
HCSUN	0615	0350	0390	0240	
COSUN	04.40	00.70	02.30	01.40	

MPG 14.81

TEST NO.C0309 DATE 09/12/73 DRY 77 WET 60 PRES 24.65

	CT	CS	HT	1975
HC	12.44	04.15	04.01	05.85
CO	0174.3	0037.2	0035.6	0065.4
CO2	0363.0	0430.5	0392.5	0405.8
NOX	01.13	02.59	03.02	02.40

	IDLE	LO CR	HI CR	2500	
HC	03677	03659	03517		
LHC	0727	0682	0644		
CO	00.25	01.87	02.40		
NOX	0215	1387	1570		
HCSUN	0265	0250	0200	0115	
COSUN	00.25	02.00	02.20	01.65	

MPG 16.90

VEH.NO. 128 TEST SEQ. 1 YEAR 66 MAKE MERCURY MODEL MONT ODOMETER 108053 NO.CYL. 8 CID 390

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.50	+0000	+02	-11	1	2	1	0	2	0
FROM STATION	06.50	-0040	+01	-11	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0370	2500	04.40	07.00	4	004.50
AFT.RPM.ADJ	0370	2500	04.40	07.00	4	001.50
AFT.TI ADJ1	0300	1600	05.00	06.00	2	000.00
AFT.TI ADJ2	0300	1600	05.00	06.00	2	003.00
FINAL	0300	1600	05.00	06.00	2	

ADDL RPRS 009.00 EST 000.00

TEST NO.C0284 DATE 09/11/73 DRY 71 WET 61 PRES 24.77

	CT	CS	HT	1975
HC	16.07	21.08	14.24	18.14
CO	0255.9	0296.5	0236.8	0271.5
CO2	0373.4	0334.2	0302.3	0333.6
NOX	00.63	00.27	00.53	00.42

	IDLE	LO CR	HI CR	2500
HC	09112	07077	06235	
LHC	1313	1079	0915	
CO	08.33	09.33	08.30	
NOX	0035	0141	0350	
HCSUN	0720	0660	0520	2500
COSUN	06.70	08.60	07.80	07.70

MPG 10.90

TEST NO.C0307 DATE 09/12/73 DRY 78 WET 61 PRES 24.65

	CT	CS	HT	1975
HC	21.92	23.92	17.85	21.82
CO	0323.7	0383.5	0291.5	0345.5
CO2	0406.9	0374.5	0339.5	0371.6
NOX	00.40	00.22	00.37	00.30

	IDLE	LO CR	HI CR	2500
HC	07862	05460	05163	
LHC	0941	0767	0761	
CO	09.15	10.11	09.42	
NOX	0033	0089	0151	
HCSUN	0345	0315	0300	2500
COSUN	06.20	08.90	08.30	08.00

MPG 09.06

VEH.NO. 129 TEST SEQ. 1 YEAR 65 MAKE CHEVROLET MODEL BISC ODOMETER 073598 NO.CYL. 8 CID 283

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	08.70	+0050	-14	+00	0	2	1	0	2	0
FROM STATION	05.60	+0000	+00	+02	2	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	1100	0400	08.40	04.50	4	003.50
AFT.RPM.ADJ	1000	0420	08.00	04.20	4	002.00
AFT.TI ADJ1	1040	0400	08.20	05.40	4	002.50
AFT.TI ADJ2	0760	0460	04.80	03.60	1	002.50
FINAL	0760	0460	04.80	03.60	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0295 DATE 09/12/73 DRY 71 WET 60 PRES 24.69

	CT	CS	HT	1975
HC	10.32	08.96	07.11	08.73
CO	0160.7	0164.3	0136.5	0155.8
CO2	0394.3	0366.4	0341.0	0365.2
NOX	02.50	01.31	01.96	01.74

	IDLE	LO CR	HI CR	2500	
HC	13746	05330	04515		
LHC	0617	0654	0546		
CO	09.41	05.69	04.47		
NOX	0026	0616	1207		
HCSUN	0800	0455	0315	0550	
COSUN	09.20	05.20	04.20	04.40	

MPG 13.97

TEST NO.C0324 DATE 09/13/73 DRY 78 WET 56 PRES 24.63

	CT	CS	HT	1975
HC	08.27	06.72	05.33	06.66
CO	0144.2	0133.6	0125.4	0133.6
CO2	0394.0	0377.0	0339.7	0370.2
NOX	01.42	00.77	01.27	01.04

	IDLE	LO CR	HI CR	2500	
HC	06862	04167	03802		
LHC	0773	0689	0629		
CO	05.99	05.06	04.39		
NOX	0050	0491	0852		
HCSUN	0490	0355	0280	0390	
COSUN	05.70	04.80	04.20	05.70	

MPG 14.82

VEH.NO. 130 TEST SEQ. 1 YEAR 55 MAKE FORD MODEL MUST ODOMETER 092515 NO.CYL. 6 CID 200

CARB.VENT. 1 TRANS. 3 WEIGHT 2750 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.50	+0020	-02	-07	1	1	1	0	1	0
FROM STATION	03.50	+0020	-02	-07	1	1	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0600	0250	04.20	04.80	1	002.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0600	0250	04.20	04.80	1	

ADDL PRRS 000.00 EST 000.00

TEST NO.C0297 DATE 09/12/73 DRY 71 WET 60 PRES 24.68

	CT	CS	HT	1975
HC	09.70	08.66	05.60	08.03
CO	0067.8	0077.9	0048.4	0067.6
CO2	0309.2	0295.0	0272.2	0291.6
NOX	03.67	02.03	03.44	02.77

	IDLE	LO CR	HI CR	2500	
HC	05810	04998	04775		
LHC	0544	0562	0561		
CO	03.97	04.71	05.42		
NOX	0061	0529	0922		
HCSUN	0450	0355	0340	0240	
COSUN	03.80	04.50	05.00	03.50	

MPG 21.04

TEST NO.C0297 DATE 09/12/73 DRY 71 WET 60 PRES 24.68

	CT	CS	HT	1975
HC	09.70	08.66	05.60	08.03
CO	0067.8	0077.9	0048.4	0067.6
CO2	0309.2	0295.0	0272.2	0291.6
NOX	03.67	02.03	03.44	02.77

	IDLE	LO CR	HI CR	2500	
HC	05810	04998	04775		
LHC	0544	0562	0561		
CO	03.97	04.71	05.42		
NOX	0061	0529	0922		
HCSUN	0450	0355	0340	0240	
COSUN	03.80	04.50	05.00	03.50	

MPG 21.04

VEH.NO. 132 TEST SEQ. 1 YEAR 65 MAKE VOLKSWAGON MODEL SEDA ODOMETER 089782 NO.CYL. 4 CID 073

CARB.VENT. 1 TRANS. 4 WEIGHT 2000 EXH.CON. 2 EVAP.CON. 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.47	-0085	-01	-01	0	1	1	0	1	0
FROM STATION	05.40	+0575	-01	-02	0	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	1000	0250	01.00	05.40	2	005.50
AFT.RPM.ADJ	1200	0300	00.50	06.00	4	005.50
AFT.TI ADJ1	0500	0240	03.00	05.00	1	005.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0500	0240	03.00	05.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0296 DATE 09/12/73 DRY 69 WET 60 PRES 24.68

	CT	CS	HT	1975
HC	05.56	06.02	04.38	05.47
CO	0075.7	0091.5	0060.7	0079.6
CO2	0243.0	0226.7	0210.4	0225.6
NOX	03.23	01.24	02.78	02.08

	IDLE	LO CR	HI CR	2500	
HC	12924	04315	03128		
LHC	2042	0518	0440		
CO	01.76	04.61	01.91		
NOX	0072	1198	3889		
HCSUN	1350	0240	0160	0360	
COSUN	01.50	04.20	01.80	08.10	

MPG 24.20

TEST NO.C0325 DATE 09/13/73 DRY 78 WET 56 PRES 24.63

	CT	CS	HT	1975
HC	04.95	06.83	04.41	05.77
CO	0077.0	0103.6	0066.0	0087.6
CO2	0232.5	0209.2	0197.0	0210.7
NOX	02.41	00.92	01.88	01.50

	IDLE	LO CR	HI CR	2500	
HC	07918	04068	03038		
LHC	1143	0707	0566		
CO	06.00	05.15	02.37		
NOX	0052	0986	2958		
HCSUN	0465	0265	0190	0500	
COSUN	05.60	04.70	02.35	09.30	

MPG 24.30

VEH.NO. 133 TEST SEQ. 3 YEAR 70 MAKE FORD MODEL TORI ODOMETER 045898 NO.CYL. 8 CID 351

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.60	-0100	+06	-04	2	1	1	0	1	0
FROM STATION	03.00	+0040	+06	+00	2	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	1200	1310	04.10	04.30	4	002.50
AFT.RPM.ADJ	1250	0850	03.10	02.10	2	002.50
AFT.TI ADJ1	1300	0850	03.40	02.10	1	002.50
AFT.TI ADJ2	0400	0200	02.10	02.00	2	002.50
FINAL	0280	0200	02.40	02.00	1	

ADDL RPRS 036.00 EST 000.00

TEST NO.C0310 DATE 09/13/73 DRY 69 WET 59 PRES 24.66

	CT	CS	HT	1975
HC	07.12	07.23	07.01	07.15
CO	0074.3	0023.4	0027.3	0035.1
CO2	0508.3	0492.7	0451.1	0484.4
NOX	06.51	05.22	08.14	06.30

	IDLE	LO CR	HI CR	2500	
HC	10686	06964	02939		
LHC	0974	1360	0578		
CO	00.79	00.14	00.74		
NOX	0166	2700	4230		
HCSUN	1150	0750	0170	2500	
COSUN	00.80	00.20	00.70	00.60	

MPG 15.84

TEST NO.C0347 DATE 09/17/73 DRY 72 WET 56 PRES 24.92

	CT	CS	HT	1975
HC	19.50	03.58	03.80	06.97
CO	0190.2	0065.9	0056.9	0089.4
CO2	0571.4	0564.2	0504.8	0549.3
NOX	01.75	01.63	02.11	01.79

	IDLE	LO CR	HI CR	2500	
HC	03778	02604	02568		
LHC	0713	0531	0491		
CO	04.78	01.05	01.34		
NOX	0080	1042	1266		
HCSUN	0150	0150	0140	0100	
COSUN	02.90	00.85	01.35	01.20	

MPG 12.51

VEH.NO. 134 TEST SEQ. 1 YEAR 69 MAKE DODGE MODEL CORO ODOMETER 038665 NO.CYL. 6 CID 225

CARB.VENT. 1 TRANS. 1 WEIGHT 3500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.90	-0030	+05	-04	1	1	1	0	2	0
FROM STATION	03.10	-0180	+05	-09	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0175	0075	04.60	08.50	3	000.00
AFT.RPM.ADJ	0150	0080	05.00	08.75	3	000.00
AFT.TI ADJ1	0250	0150	04.00	02.00	1	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0250	0150	04.00	02.00	1	

ADDL RPRS 012.00 EST 000.00

TEST NO.C0311 DATE 09/13/73 DRY 70 WET 59 PRES 24.69

	CT	CS	HT	1975
HC	09.03	03.75	03.67	04.83
CO	0190.5	0073.9	0087.6	0102.1
CO2	0366.1	0374.3	0344.4	0364.3
NOX	02.19	03.90	03.93	03.55

	IDLE	LO CR	HI CR	2500	
HC	04005	03255	04082		
LHC	0667	0564	0618		
CO	04.25	02.51	08.11		
NOX	0082	2141	0438		
HCSUN	0275	0225	0230		0180
COSUN	03.90	02.50	08.00		02.80

MPG 16.49

TEST NO.C0336 DATE 09/14/73 DRY 76 WET 55 PRES 24.63

	CT	CS	HT	1975
HC	07.58	03.45	03.40	04.30
CO	0178.7	0066.2	0076.3	0092.5
CO2	0344.3	0377.7	0346.6	0362.1
NOX	01.87	03.73	03.84	03.37

	IDLE	LO CR	HI CR	2500	
HC	03622	03031	04006		
LHC	0560	0534	0612		
CO	03.42	02.07	08.20		
NOX	0099	2440	0385		
HCSUN	0320	0255	0320		0195
COSUN	03.10	02.10	08.90		02.00

MPG 17.10

VEH.NO. 135 TEST SEQ. 1 YEAR 69 MAKE VOLKSWAGON MODEL SEDA ODOMETER 068227 NO.CYL. 4 CID 091

CAR3.VENT. 1 TRANS. 4 WEIGHT 2000 EXH.CON. 1 EVAP.CON. 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.42	+0100	+15	-05	0	1	1	0	1	0
FROM STATION	03.80	+0600	+00	-07	0	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0975	0825	01.00	01.80	2	005.00
AFT.RPM.ADJ	0900	0830	01.40	02.00	2	001.00
AFT.TI ADJ1	0675	1000	01.80	02.50	2	001.00
AFT.TI ADJ2	0220	0100	01.40	02.30	1	002.50
FINAL	0220	0100	01.40	02.30	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0313 DATE 09/13/73 DRY 71 WET 56 PRES 24.72

	CT	CS	HT	1975
HC	08.17	05.47	04.10	05.65
CO	0117.5	0085.5	0084.1	0091.8
CO2	0268.4	0280.0	0219.9	0260.9
NOX	02.77	02.17	01.79	02.19

	IDLE	LO CR	HI CR	2500	
HC	09478	04117	03301		
LHC	1964	0592	0557		
CO	00.48	05.07	05.79		
NOX	0077	1142	1260		
HCSUN	1280	0270	0190	1000	
COSUN	00.50	04.60	05.10	03.70	

MPG 21.06

TEST NO.C0337 DATE 09/14/73 DRY 76 WET 54 PRES 24.62

	CT	CS	HT	1975
HC	05.08	04.53	03.75	04.43
CO	0093.9	0080.2	0074.6	0081.5
CO2	0256.2	0266.8	0220.4	0251.7
NOX	01.58	00.95	01.06	01.11

	IDLE	LO CR	HI CR	2500	
HC	03888	03280	03033		
LHC	0426	0449	0443		
CO	03.57	04.09	04.81		
NOX	0058	0655	1171		
HCSUN	0215	0200	0205	0240	
COSUN	04.00	04.20	04.80	04.20	

MPG 22.62

D

VEH.NO. 136 TEST SEQ. 1 YEAR 65 MAKE OLDSMOBILE MODEL CUTL ODOMETER 045665 NO.CYL. 8 CID 330

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.30	+0000	+00	+00	0	1	1	0	1	0
FROM STATION	04.30	+0000	+00	+00	0	1	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0400	0480	03.80	05.80	1	000.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0400	0480	03.80	05.80	1	

ADDL RPRS 004.00 EST 000.00

TEST NO.C0314 DATE 09/13/73 DRY 71 WET 56 PRES 24.73

	CT	CS	HT	1975
HC	08.56	06.58	06.32	06.92
CO	0150.6	0142.5	0132.0	0141.3
CO2	0456.8	0433.7	0390.9	0426.7
NOX	01.61	00.78	01.24	01.08

	IDLE	LO CR	HI CR	2500	
HC	06865	04931	04554		
LHC	0859	0754	0679		
CO	04.53	05.35	05.15		
NOX	0057	0424	0764		
HCSUN	0500	0410	0310	0265	
COSUN	04.50	05.20	04.90	06.50	

MPG 13.28

TEST NO.C0314 DATE 09/13/73 DRY 71 WET 56 PRES 24.73

	CT	CS	HT	1975
HC	08.56	06.58	06.32	06.92
CO	0150.6	0142.5	0132.0	0141.3
CO2	0456.8	0433.7	0390.9	0426.7
NOX	01.61	00.78	01.24	01.08

	IDLE	LO CR	HI CR	2500	
HC	06865	04931	04554		
LHC	0859	0754	0679		
CO	04.53	05.35	05.15		
NOX	0057	0424	0764		
HCSUN	0500	0410	0310	0265	
COSUN	04.50	05.20	04.90	06.50	

MPG 13.28

VEH.NO. 137 TEST SEQ. 1 YEAR 64 MAKE CHEVROLET MODEL STAW ODOMETER 071086 NO.CYL. 8 CID 327

CARB.VENT. 4 TRANS. 1 WEIGHT 4500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.87	+0200	+10	+04	2	2	1	0	1	0
FROM STATION	01.87	+0200	+10	+04	2	2	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0640	0150	04.80	01.60	1	004.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0640	0150	04.80	01.60	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0315 DATE 09/13/73 DRY 70 WET 54 PRES 24.73

	CT	CS	HT	1975
HC	06.71	04.31	04.38	04.83
CO	0120.2	0067.1	0083.1	0082.7
CO2	0503.0	0524.7	0433.7	0494.9
NOX	04.48	04.45	03.85	04.29

	IDLE	LO CR	HI CR	2500	
HC	05807	03256	03215		
LHC	0833	0521	0500		
CO	02.21	01.91	03.23		
NOX	0117	2123	1997		
HCSUN	0450	0205	0195	0125	
COSUN	02.00	01.90	00.90	01.70	

MPG 13.92

TEST NO.C0315 DATE 09/13/73 DRY 70 WET 54 PRES 24.73

	CT	CS	HT	1975
HC	06.71	04.31	04.38	04.83
CO	0120.2	0067.1	0083.1	0082.7
CO2	0503.0	0524.7	0433.7	0494.9
NOX	04.48	04.45	03.85	04.29

	IDLE	LO CR	HI CR	2500	
HC	05807	03256	03215		
LHC	0833	0521	0500		
CO	02.21	01.91	03.23		
NOX	0117	2123	1997		
HCSUN	0450	0205	0195	0125	
COSUN	02.00	01.90	00.90	01.70	

MPG 13.92

VEH.NO. 139 TEST SEQ. 5 YEAR 70 MAKE FORD MODEL TORI ODOMETER 031895 NO.CYL. 6 CID 250

CARB.VENT. 1 TRANS. 3 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.90	-0210	-12	+00	1	2	1	0	1	0
FROM STATION	01.90	-0150	-12	-09	1	2	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0400	0120	03.00	02.40	2	002.50
AFT.RPM.ADJ	0150	0150	02.10	01.40	1	003.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0150	0120	02.10	01.40	1	

ADDL PRRS 004.47 EST 000.00

TEST NO.C0326 DATE 09/14/73 DRY 71 WET 59 PRES 24.80

	CT	CS	HT	1975
HC	07.43	03.65	04.34	04.63
CO	0088.6	0059.5	0074.7	0069.8
CO2	0389.9	0426.8	0347.0	0397.0
NOX	02.72	02.35	02.46	02.46

	IDLE	LO CR	HI CR	2500	
HC	02543	03413	02983		
LHC	0225	0569	0519		
CO	02.07	02.45	02.63		
NOX	0073	1382	1637		
HCSUN	0070	0195	0130	0130	
COSUN	02.20	02.40	02.45	03.40	

MPG 17.09

TEST NO.C0338 DATE 09/17/73 DRY 69 WET 56 PRES 24.82

	CT	CS	HT	1975
HC	05.03	03.28	03.44	03.69
CO	0077.9	0056.2	0064.9	0063.2
CO2	0421.0	0456.0	0376.0	0426.5
NOX	03.15	02.54	02.31	02.60

	IDLE	LO CR	HI CR	2500	
HC	02097	02882	02521		
LHC	0145	0287	0347		
CO	02.10	02.42	02.03		
NOX	0101	1423	1850		
HCSUN	0100	0225	0190	0160	
COSUN	02.20	02.50	02.30	04.10	

MPG 16.57

VEH.NO. 140 TEST SEQ. 4 YEAR 66 MAKE OLDSMOBILE MODEL DYNA ODOMETER 048553 NO.CYL. 8 CID 425

CARB.VENT. 2 TRANS. 1 WEIGHT 4500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.75	-0060	+02	+01	1	2	1	0	2	0
FROM STATION	00.50	+0000	+00	+00	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	2500	1500	00.40	03.40	4	000.00
AFT.RPM.ADJ	2500	1600	00.50	03.60	4	000.00
AFT.TI ADJ1	2500	1550	00.50	03.60	4	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	2500	1550	00.50	03.60	4	

ADDL RPRS 012.10 EST 200.00

TEST NO.C0327 DATE 09/14/73 DRY 70 WET 59 PRES 24.80

	CT	CS	HT	1975
HC	09.11	04.73	05.15	05.76
CO	0208.5	0099.4	0113.3	0126.1
CO2	0654.3	0670.9	0557.0	0635.8
NOX	01.88	01.44	01.88	01.66

	IDLE	LO CR	HI CR	2500	
HC	02965	03115	03511		
LHC	0450	0464	0496		
CO	00.86	01.96	04.25		
NOX	0116	0634	0767		
HCSUN	0130	0140	0170	0105	
COSUN	00.70	00.80	04.30	03.10	

MPG 10.45

TEST NO.C0339 DATE 09/17/73 DRY 69 WET 57 PRES 24.82

	CT	CS	HT	1975
HC	47.07	57.64	43.57	51.53
CO	0220.8	0181.9	0169.3	0186.5
CO2	0595.7	0582.2	0478.5	0556.2
NOX	01.90	01.11	01.22	01.31

	IDLE	LO CR	HT CR	2500	
HC	29685	37615	36367		
LHC	2500	2500	2500		
CO	00.65	06.68	06.23		
NOX	0128	0097	0163		
HCSUN	2500	2500	2500	2500	
COSUN	00.60	07.00	06.90	03.20	

MPG 08.80

VEH.NO. 141 TEST SEQ. 1 YEAR 72 MAKE TOYOTA MODEL STAW ODOMETER 009840 NO.CYL. 4 CID 120

CARB.VENT. 2 TRANS. 1 WEIGHT 2750 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.20	-0010	+00	-01	1	1	1	0	2	0
FROM STATION	03.20	-0010	+00	-01	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0320	0110	03.00	02.00	1	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0320	0110	03.00	02.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0328 DATE 09/14/73 DRY 70 WET 59 PRES 24.80

	CT	CS	HT	1975
HC	03.65	02.38	02.05	02.55
CO	0062.5	0043.8	0035.3	0045.4
CO2	0392.8	0369.8	0353.6	0370.1
NOX	05.25	02.37	05.48	03.84

	IDLE	LO CR	HI CR	2500	
HC	03915	02569	02523		
LHC	0615	0412	0414		
CO	04.07	01.03	00.45		
NOX	0070	0872	3513		
HCSUN	0220	0120	0110	0095	
COSUN	03.30	01.20	00.50	02.20	

MPG 19.82

TEST NO.C0328 DATE 09/14/73 DRY 70 WET 59 PRES 24.80

	CT	CS	HT	1975
HC	03.65	02.38	02.05	02.55
CO	0062.5	0043.8	0035.3	0045.4
CO2	0392.8	0369.8	0353.6	0370.1
NOX	05.25	02.37	05.48	03.84

	IDLE	LO CR	HI CR	2500	
HC	03915	02569	02523		
LHC	0615	0412	0414		
CO	04.07	01.03	00.45		
NOX	0070	0872	3513		
HCSUN	0220	0120	0110	0095	
COSUN	03.30	01.20	00.50	02.20	

MPG 19.82

VEH.NO. 142 TEST SEQ. 3 YEAR 72 MAKE CHEVROLET MODEL NOVA ODOMETER 025592 NO.CYL. 8 CID 350

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.30	+0000	+10	-04	2	2	1	0	2	0
FROM STATION	01.30	+0000	+10	-04	2	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0080	0090	00.20	00.50	1	000.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0080	0090	00.20	00.50	1	

ADDL RPRS 004.00 EST 000.00

TEST NO.C0346 DATE 09/17/73 DRY 72 WET 56 PRES 24.92

	CT	CS	HT	1975
HC	06.73	03.80	03.20	04.25
CO	0124.9	0036.4	0037.7	0055.3
CO2	0578.1	0594.4	0497.7	0564.2
NOX	04.21	02.88	04.60	03.63

	IDLE	LO CR	HI CR	2500	
HC	02853	03028	02367		
LHC	0530	0603	0490		
CO	01.20	01.24	00.23		
NOX	0361	1788	2956		
HCSUN	0220	0220	0130		0135
COSUN	01.50	01.30	00.25		01.60

MPG 13.40

TEST NO.C0346 DATE 09/17/73 DRY 72 WET 56 PRES 24.92

	CT	CS	HT	1975
HC	06.73	03.80	03.20	04.25
CO	0124.9	0036.4	0037.7	0055.3
CO2	0578.1	0594.4	0497.7	0564.2
NOX	04.21	02.88	04.60	03.63

	IDLE	LO CR	HI CR	2500	
HC	02853	03028	02367		
LHC	0530	0603	0490		
CO	01.20	01.24	00.23		
NOX	0361	1788	2956		
HCSUN	0220	0220	0130		0135
COSUN	01.50	01.30	00.25		01.60

MPG 13.40

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VEH.NO. 143 TEST SEQ. 4 YEAR 66 MAKE FORD MODEL MUST ODOMETER 038659 NO.CYL. 8 CID 289

CARB.VENT. 2 TRANS. 1 WEIGHT 3000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.40	-0135	-06	-02	1	1	1	0	2	0
FROM STATION	03.40	-0135	-06	-02	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0280	0170	02.90	01.20	1	005.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0280	0170	02.90	01.20	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0340 DATE 09/17/73 DRY 70 WET 58 PRES 24.83

	CT	CS	HT	1975
HC	11.01	08.47	05.67	08.22
CO	0110.0	0089.3	0053.6	0083.7
CO2	0459.4	0416.4	0400.9	0421.1
NOX	03.16	03.00	03.97	03.30

	IDLE	LO CR	HI CR	2500	
HC	05604	05329	04664		
LHC	0954	0953	0777		
CO	03.53	01.00	01.44		
NOX	0060	2211	1954		
HCSUN	0580	0560	0400	0270	
COSUN	03.70	01.10	01.50	06.80	

MPG 15.39

TEST NO.C0340 DATE 09/17/73 DRY 70 WET 58 PRES 24.83

	CT	CS	HT	1975
HC	11.01	08.47	05.67	08.22
CO	0110.0	0089.3	0053.6	0083.7
CO2	0459.4	0416.4	0400.9	0421.1
NOX	03.16	03.00	03.97	03.30

	IDLE	LO CR	HI CR	2500	
HC	05604	05329	04664		
LHC	0954	0953	0777		
CO	03.53	01.00	01.44		
NOX	0060	2211	1954		
HCSUN	0580	0560	0400	0270	
COSUN	03.70	01.10	01.50	06.80	

MPG 15.39

VEH.NO. 144 TEST SEQ. 5 YEAR 72 MAKE FORD MODEL GALA ODOMETER 012721 NO.CYL. 8 CID 400

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.30	+0040	-08	+09	1	1	1	0	2	0
FROM STATION	03.40	+0050	-08	+08	1	1	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0150	0050	04.40	00.80	4	003.50
AFT.RPM.ADJ	0150	0050	04.40	00.80	4	002.00
AFT.TI ADJ1	0180	0050	03.20	00.50	1	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0180	0050	03.20	00.50	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0342 DATE 09/17/73 DRY 70 WET 56 PRES 24.82

	CT	CS	HT	1975
HC	05.43	04.37	04.00	04.49
CO	0088.0	0081.9	0051.0	0074.6
CO2	0639.6	0636.8	0537.2	0609.8
NOX	04.73	03.85	05.25	04.42

	IDLE	LO CR	HI CR	2500	
HC	03407	03076	02979		
LHC	0493	0527	0485		
CO	05.37	00.81	00.87		
NOX	0085	2015	2564		
HCSUN	0235	0220	0175	0110	
COSUN	05.40	00.80	01.00	04.40	

MPG 12.02

TEST NO.C0353 DATE 09/18/73 DRY 72 WET 60 PRES 24.80

	CT	CS	HT	1975
HC	03.39	03.01	03.28	03.16
CO	0060.0	0072.6	0053.8	0064.8
CO2	0771.7	0741.7	0614.5	0712.7
NOX	03.55	02.24	02.82	02.68

	IDLE	LO CR	HI CR	2500	
HC	02899	01101	01215		
LHC	0300	0221	0231		
CO	03.46	00.94	00.63		
NOX	0117	0633	1472		
HCSUN	0255	0085	0079	0048	
COSUN	03.50	01.10	00.65	01.40	

MPG 10.80

VEH.NO. 145 TEST SEQ. 6 YEAR 73 MAKE FORD MODEL MAVE ODOMETER 005516 NO.CYL. 8 CID 302

CARB.VENT. 2 TRANS. 1 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.08	+0010	+00	+00	1	1	1	0	2	1
FROM STATION	01.08	+0010	+00	+00	1	1	1	0	2	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0150	0100	00.15	00.80	1	001.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0150	0100	00.15	00.80	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0343 DATE 09/17/73 DRY 70 WET 56 PRES 24.85

	CT	CS	HT	1975
HC	04.82	03.56	03.95	03.93
CO	0064.2	0055.8	0042.3	0053.9
CO2	0519.8	0552.6	0470.9	0523.1
NOX	02.03	01.82	02.40	02.03

	IDLE	LO CR	HI CR	2500	
HC	02945	03077	03185		
LHC	0545	0531	0548		
CO	01.10	01.10	01.42		
NOX	0123	1140	1430		
HCSUN	0240	0230	0245	0115	
COSUN	01.30	01.20	01.50	01.70	

MPG 14.36

TEST NO.C0343 DATE 09/17/73 DRY 70 WET 56 PRES 24.85

	CT	CS	HT	1975
HC	04.82	03.56	03.95	03.93
CO	0064.2	0055.8	0042.3	0053.9
CO2	0519.8	0552.6	0470.9	0523.1
NOX	02.03	01.82	02.40	02.03

	IDLE	LO CR	HI CR	2500	
HC	02945	03077	03185		
LHC	0545	0531	0548		
CO	01.10	01.10	01.42		
NOX	0123	1140	1430		
HCSUN	0240	0230	0245	0115	
COSUN	01.30	01.20	01.50	01.70	

MPG 14.36

VEH.NO. 146 TEST SEQ. 5 YEAR 69 MAKE OLDSMOBILE MODEL DELT ODOMETER 061594 NO.CYL. 8 CID 455

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	09.15	-0010	-06	+04	1	2	1	0	2	0
FROM STATION	02.20	+0350	+06	+04	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0310	0230	09.40	04.60	3	004.50
AFT.RPM.ADJ	0150	0080	02.80	03.20	1	001.50
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0150	0080	02.80	03.20	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0341 DATE 09/17/73 DRY 70 WET 56 PRES 24.83

	CT	CS	HT	1975
HC	11.56	06.76	05.30	07.36
CO	0206.4	0172.4	0126.0	0166.6
CO2	0600.7	0580.6	0513.3	0566.1
NOX	02.73	02.13	02.77	02.43

	IDLE	LO CR	HI CR	2500	
HC	05378	03719	03130		
LHC	0560	0573	0483		
CO	09.57	03.01	02.54		
NOX	0044	0992	1657		
HCSUN	0290	0270	0175	0180	
COSUN	09.60	03.80	02.70	04.40	

MPG 10.46

TEST NO.C0354 DATE 09/18/73 DRY 74 WET 59 PRES 24.80

	CT	CS	HT	1975
HC	05.17	04.64	03.94	04.56
CO	0107.7	0095.5	0076.1	0092.6
CO2	0650.4	0713.9	0583.0	0664.3
NOX	03.90	02.80	03.57	03.24

	IDLE	LO CR	HI CR	2500	
HC	02784	03000	02534		
LHC	0343	0438	0372		
CO	02.36	02.45	01.90		
NOX	0259	0812	1896		
HCSUN	0230	0265	0180	0165	
COSUN	02.50	02.60	02.10	03.90	

MPG 10.81

VEH.NO. 147 TEST SEQ. 2 YEAR 70 MAKE CHEVROLET MODEL IMPA ODOMETER 080466 NO.CYL. 8 CID 350

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.07	+0050	+00	+02	1	2	1	0	1	0
FROM STATION	05.60	+0000	+00	+01	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	1500	0200	04.00	01.20	2	000.00
AFT.RPM.ADJ	0900	0150	04.50	01.20	4	000.00
AFT.TI ADJ1	0340	0150	03.90	01.00	4	000.00
AFT.TI ADJ2	0200	0060	02.20	01.50	1	000.00
FINAL	0200	0060	02.20	01.50	1	

ADDL RPRS 018.00 EST 000.00

TEST NO.C0345 DATE 09/17/73 DRY 70 WET 56 PRES 24.87

	CT	CS	HT	1975
HC	11.61	07.88	06.01	08.14
CO	0188.0	0104.8	0082.6	0116.0
CO2	0548.0	0573.9	0455.8	0535.7
NOX	01.97	02.26	02.34	02.22

	IDLE	LO CR	HI CR	2500	
HC	06254	03340	03584		
LHC	0863	0532	0549		
CO	06.82	01.36	03.52		
NOX	0153	1300	1287		
HCSUN	0800	0230	0250		0115
COSUN	06.30	01.60	03.50		01.40

MPG 11.98

TEST NO.C0379 DATE 09/19/73 DRY 83 WET 55 PRES 24.68

	CT	CS	HT	1975
HC	09.37	04.49	04.39	05.48
CO	0160.5	0073.2	0077.4	0092.7
CO2	0470.0	0504.7	0429.0	0476.4
NOX	01.77	01.91	01.98	01.90

	IDLE	LO CR	HI CR	2500	
HC	04890	03441	03751		
LHC	0613	0436	0477		
CO	05.84	01.40	03.28		
NOX	0065	1302	1217		
HCSUN	0520	0280	0295		0175
COSUN	05.80	01.55	03.60		01.90

MPG 13.93

VEH.NO. 148 TEST SEQ. 4 YEAR 72 MAKE PLYMOUTH MODEL SATE ODOMETER 014660 NO.CYL. 8 CID 400

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.40	+0090	+00	+00	1	2	1	0	2	0
FROM STATION	02.45	-0020	+00	+00	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0140	0040	05.50	02.50	3	000.00
AFT.RPM.ADJ	0170	0040	05.10	02.20	3	000.00
AFT.TI ADJ1	0160	0040	01.50	02.00	1	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0160	0040	01.50	02.00	1	

ADDL RPRS 012.00 EST 000.00

TEST NO.C0357 DATE 09/18/73 DRY 71 WET 53 PRES 24.79

	CT	CS	HT	1975
HC	08.62	05.60	04.52	05.93
CO	0184.3	0142.5	0103.3	0140.4
CO2	0530.2	0538.0	0472.5	0518.2
NOX	01.91	01.29	02.17	01.66

	IDLE	LO CR	HI CR	2500	
HC	04666	03285	03250		
LHC	0517	0475	0462		
CO	07.27	02.76	03.29		
NOX	0055	0960	1533		
HCSUN	0380	0270	0255	0130	
COSUN	06.50	02.80	03.40	03.00	

MPG 11.76

TEST NO.C0367 DATE 09/19/73 DRY 73 WET 55 PRES 24.65

	CT	CS	HT	1975
HC	07.16	03.96	03.87	04.61
CO	0140.3	0079.5	0077.3	0091.6
CO2	0486.6	0534.9	0439.9	0498.5
NOX	01.71	01.38	01.82	01.57

	IDLE	LO CR	HI CR	2500	
HC	03339	03107	03262		
LHC	0366	0362	0381		
CO	03.09	02.15	03.00		
NOX	0057	0889	1449		
HCSUN	0255	0250	0255	0110	
COSUN	02.70	02.30	03.30	02.20	

MPG 13.56

VEH.NO. 149 TEST SEQ. 2 YEAR 66 MAKE FORD MODEL GALA ODOMETER 078274 NO.CYL. 8 CID 352

CARB.VENT. 4 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.60	+0060	+10	-04	1	1	1	0	2	0
FROM STATION	01.60	-0070	+00	-03	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0620	0180	08.20	01.80	3	005.50
AFT.RPM.ADJ	0600	0180	06.80	02.30	3	005.50
AFT.TI ADJ1	0480	0160	02.80	02.30	4	005.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0480	0160	02.80	02.10	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0344 DATE 09/17/73 DRY 70 WET 56 PRES 24.86

	CT	CS	HT	1975
HC	10.66	08.78	06.57	08.56
CO	0129.6	0136.5	0095.2	0123.6
CO2	0518.1	0478.2	0440.1	0476.0
NOX	04.39	03.59	03.72	03.80

	IDLE	LO CR	HI CR	2500	
HC	05055	03610	03740		
LHC	0751	0610	0630		
CO	06.85	02.15	02.31		
NOX	0092	1727	2330		
HCSUN	0505	0410	0300	0210	
COSUN	07.20	02.60	02.55	03.00	

MPG 12.78

TEST NO.C0362 DATE 09/18/73 DRY 77 WET 53 PRES 24.78

	CT	CS	HT	1975
HC	09.18	06.98	05.70	07.09
CO	0113.1	0085.2	0068.3	0086.4
CO2	0494.3	0488.7	0451.1	0479.4
NOX	03.93	03.67	03.81	03.76

	IDLE	LO CR	HI CR	2500	
HC	04163	04205	03749		
LHC	0562	0599	0518		
CO	01.90	02.29	02.08		
NOX	0245	1888	2341		
HCSUN	0410	0450	0340	0255	
COSUN	01.55	02.30	02.10	02.90	

MPG 13.97

VEH.NO. 150 TEST SEQ. 5 YEAR 71 MAKE DODGE MODEL DART ODOMETER 026700 NO.CYL. 8 CID 318

CARB.VENT. 2 TRANS. 1 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	07.50	+0030	+05	+00	1	1	1	0	2	0
FROM STATION	02.20	+0020	+05	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0310	0200	07.00	01.10	3	002.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0180	0150	02.00	01.00	1	003.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0180	0150	02.00	01.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0358 DATE 09/18/73 DRY 72 WET 54 PRES 24.80

	CT	CS	HT	1975
HC	06.02	06.68	04.51	05.94
CO	0086.1	0112.9	0061.8	0093.1
CO2	0449.5	0430.4	0401.4	0426.4
NOX	03.46	02.29	03.81	02.95

	IDLE	LO CR	HI CR	2500	
HC	06092	03801	03655		
LHC	0667	0529	0464		
CO	08.54	01.19	02.58		
NOX	0049	1969	1731		
HCSUN	0620	0420	0350	0250	
COSUN	07.70	01.20	02.70	02.40	

MPG 15.06

TEST NO.C0368 DATE 09/19/73 DRY 71 WET 56 PRES 24.65

	CT	CS	HT	1975
HC	05.16	04.31	03.77	04.34
CO	0055.3	0053.1	0041.7	0050.4
CO2	0481.9	0468.2	0395.0	0450.7
NOX	03.58	02.44	03.20	02.89

	IDLE	LO CR	HI CR	2500	
HC	03340	03722	03561		
LHC	0417	0512	0441		
CO	02.43	00.65	02.16		
NOX	0088	2297	2024		
HCSUN	0335	0390	0330	0180	
COSUN	02.40	00.75	08.80	01.10	

MPG 15.38

VEH.NO. 151 TEST SEQ. 1 YEAR 71 MAKE I MODEL 145S ODOMETER 045943 NO.CYL. 4 CID 121

CARB.VENT. 2 TRANS. 4 WEIGHT 3000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.30	+0000	+04	+05	1	2	1	0	2	0
FROM STATION	01.30	+0000	+04	+05	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0205	0150	01.90	01.80	1	005.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0205	0150	01.90	01.80	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0359 DATE 09/18/73 DRY 76 WET 54 PRES 24.80

	CT	CS	HT	1975
HC	04.05	03.00	03.25	03.29
CO	0042.9	0026.3	0030.5	0030.9
CO2	0356.9	0361.8	0331.2	0352.3
NOX	05.67	04.10	05.51	04.82

	IDLE	LO CR	HI CR	2500	
HC	02346	02513	02618		
LHC	0333	0411	0418		
CO	01.65	01.06	01.54		
NOX	0137	2836	4197		
HCSUN	0165	0255	0250	0120	
COSUN	01.50	01.00	01.60	00.50	

MPG 21.66

TEST NO.C0359 DATE 09/18/73 DRY 76 WET 54 PRES 24.80

	CT	CS	HT	1975
HC	04.05	03.00	03.25	03.29
CO	0042.9	0026.3	0030.5	0030.9
CO2	0356.9	0361.8	0331.2	0352.3
NOX	05.67	04.10	05.51	04.82

	IDLE	LO CR	HI CR	2500	
HC	02345	02513	02618		
LHC	0333	0411	0418		
CO	01.65	01.06	01.54		
NOX	0137	2836	4197		
HCSUN	0165	0255	0250	0120	
COSUN	01.50	01.00	01.60	00.50	

MPG 21.66

VEH.NO. 152 TEST SEQ. 5 YEAR 71 MAKE FORD MODEL GALA ODOMETER 029562 NO.CYL. 8 CID 351

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.00	+0000	+02	+00	1	2	1	0	2	0
FROM STATION	04.70	+0000	+02	+00	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	2500	2000	02.40	00.70	2	004.50
AFT.RPM.ADJ	2500	2500	03.40	00.70	4	001.50
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	2000	2000	02.00	00.90	2	003.00
FINAL	1300	0600	01.20	00.30	2	

ADDL RPRS 025.51 EST 000.00

TEST NO.C0369 DATE 09/19/73 DRY 71 WET 56 PRES 24.66

	CT	CS	HT	1975
HC	30.94	30.40	26.44	29.42
CO	0095.0	0081.4	0063.2	0079.2
CO2	0492.3	0548.7	0455.4	0511.0
NOX	03.41	04.23	04.92	04.25

	IDLE	LO CR	HI CR	2500
HC	10833	10771	10767	
LHC	2500	2500	2500	
CO	04.74	00.92	02.50	
NOX	0094	2112	1788	
HCSUN	2500	2500	2500	2500
COSUN	04.50	00.90	02.60	01.35

MPG 12.22

TEST NO.CA383 DATE 09/20/73 DRY 71 WET 56 PRES 24.71

	CT	CS	HT	1975
HC	08.01	06.23	06.30	06.62
CO	0083.7	0080.7	0069.5	0078.2
CO2	0539.6	0521.0	0461.5	0508.4
NOX	05.33	04.18	05.26	04.72

	IDLE	LO CR	HI CR	2500
HC	05325	03923	03513	
LHC	0654	0483	0417	
CO	04.94	01.13	01.36	
NOX	0131	2503	3052	
HCSUN	0515	0320	0240	0190
COSUN	05.00	01.20	01.40	01.40

MPG 13.66

VEH.NO. 153 TEST SEQ. 4 YEAR 65 MAKE CHEVROLET MODEL BELA ODOMETER 130460 NO.CYL. 8 CID 283

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.40	+0000	+02	+01	0	2	1	0	2	0
FROM STATION	02.40	+0000	+02	+01	0	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0600	0400	01.80	03.80	1	003.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0600	0400	01.80	03.80	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0370 DATE 09/19/73 DRY 72 WET 56 PRES 24.67

	CT	CS	HT	1975
HC	11.44	08.51	07.77	08.92
CO	0151.3	0160.5	0141.5	0153.3
CO2	0418.8	0394.9	0349.8	0387.4
NOX	01.81	00.62	01.18	01.02

	IDLE	LO CR	HI CR	2500
HC	05367	05454	05891	
LHC	0776	0776	0783	
CO	02.65	04.72	07.52	
NOX	0088	0628	0406	
HCSUN	0700	0640	0620	0550
COSUN	02.75	04.70	08.00	05.00

MPG 13.57

TEST NO.C0370 DATE 09/19/73 DRY 72 WET 56 PRES 24.67

	CT	CS	HT	1975
HC	11.44	08.51	07.77	08.92
CO	0151.3	0160.5	0141.5	0153.3
CO2	0418.8	0394.9	0349.8	0387.4
NOX	01.81	00.62	01.18	01.02

	IDLE	LO CR	HI CR	2500
HC	05367	05454	05891	
LHC	0776	0776	0783	
CO	02.65	04.72	07.52	
NOX	0088	0628	0406	
HCSUN	0700	0640	0620	0550
COSUN	02.75	04.70	08.00	05.00

MPG 13.57

VEH.NO. 154 TEST SEQ. 1 YEAR 68 MAKE VOLKSWAGON MODEL SEDA ODOMETER 050486 NO.CYL. 4 CID 091

CARB.VENT. 1 TRANS. 1 WEIGHT 2000 EXH.CON. 1 EVAP.CON. 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	08.90	-0260	+02	+00	0	1	1	0	2	0
FROM STATION	10.20	+0050	+09	+00	0	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	1200	1200	10.00	10.00	4	002.50
AFT.RPM.ADJ	1200	1200	10.00	10.00	4	002.50
AFT.TI ADJ1	1200	1200	10.00	10.00	4	002.50
AFT.TI ADJ2	1250	1200	10.00	10.00	4	002.50
FINAL	1250	1200	10.00	10.00	4	

ADDL RPRS 003.50 EST 040.00

TEST NO.C0371 DATE 09/19/73 DRY 70 WET 52 PRES 24.68

	CT	CS	HT	1975
HC	11.67	19.72	10.70	15.53
CO	0113.7	0164.8	0106.2	0137.8
CO2	0250.0	0202.7	0207.3	0213.9
NOX	02.11	00.70	01.42	01.19

	IDLE	LO CR	HI CR	2500
HC	32148	06234	04715	
LHC	2500	0862	0617	
CO	10.72	07.41	05.47	
NOX	0016	0377	1307	
HCSUN	2500	0710	0440	0890
COSUN	20.00	08.10	05.60	20.00

MPG 18.57

TEST NO.C0394 DATE 09/20/73 DRY 78 WET 56 PRES 24.58

	CT	CS	HT	1975
HC	09.43	16.23	10.11	13.11
CO	0115.5	0191.8	0120.5	0150.9
CO2	0260.8	0217.0	0228.4	0229.3
NOX	02.92	00.88	01.88	01.59

	IDLE	LO CR	HI CR	2500
HC	29266	04905	03770	
LHC	2500	0552	0418	
CO	11.95	04.64	06.01	
NOX	0014	1513	1240	
HCSUN	2500	0530	0340	2500
COSUN	20.00	04.70	06.10	20.00

MPG 17.54

VEH.NO. 155 TEST SEQ. 5 YEAR 68 MAKE CHEVROLET MODEL BELA ODOMETER 066417 NO.CYL. 8 CID 307

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	07.40	-0135	+08	-01	1	1	1	0	2	0
FROM STATION	02.55	-0100	-01	-02	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	1300	0350	06.50	01.20	4	001.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0750	0250	03.00	00.60	2	001.50
AFT.TI ADJ2	0300	0150	00.70	01.10	1	001.50
FINAL	0300	0150	00.70	01.10	1	

ADDL RPRS 000.00 FST 000.00

TEST NO.C0384 DATE 09/20/73 DRY 72 WET 58 PRES 24.71

	CT	CS	HT	1975
HC	08.93	09.34	06.58	08.49
CO	0075.9	0062.3	0050.1	0061.8
CO2	0503.3	0475.3	0460.7	0477.1
NOX	07.23	05.89	07.91	06.73

	IDLE	LO CR	HI CR	2500	
HC	09200	04098	03646		
LHC	1264	0518	0417		
CO	08.27	00.63	00.60		
NOX	0026	3049	4117		
HCSUN	0320	0400	0275	0370	
COSUN	07.60	00.70	00.65	04.50	

MPG 14.82

TEST NO.C0396 DATE 09/21/73 DRY 71 WET 52 PRES 24.54

	CT	CS	HT	1975
HC	08.13	06.03	05.43	06.30
CO	0107.5	0055.5	0066.4	0069.4
CO2	0528.5	0502.5	0455.3	0494.9
NOX	03.86	02.91	03.88	03.38

	IDLE	LO CR	HI CR	2500	
HC	05302	03815	03229		
LHC	0589	0409	0326		
CO	03.01	01.22	01.00		
NOX	0063	1711	2505		
HCSUN	0519	0320	0215	0200	
COSUN	02.90	01.20	01.05	01.70	

MPG 14.28

VEH.NO. 156 TEST SEQ. 4 YEAR 71 MAKE VOLKSWAGON MODEL SEDA ODOMETER 024425 NO.CYL. 4 CID 097

CARB.VENT. 1 TRANS. 4 WEIGHT 2000 EXH.CON. 1 EVAP.CON. 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.99	-0055	+00	+01	0	1	1	0	2	0
FROM STATION	03.99	-0055	+00	+01	0	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0220	0120	01.30	00.70	1	005.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0220	0120	01.30	00.70	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0385 DATE 09/20/73 DRY 71 WET 56 PRES 24.70

	CT	CS	HT	1975
HC	04.73	03.61	03.62	03.85
CO	0060.4	0073.8	0053.9	0065.5
CO2	0288.7	0291.8	0252.5	0280.2
NOX	03.02	01.49	02.48	02.09

	IDLE	LO CR	HI CR	2500
HC	04240	03281	02859	
LHC	0441	0381	0342	
CO	04.66	03.78	02.39	
NOX	0072	0991	2298	
HCSUN	0335	0270	0210	0160
COSUN	04.10	03.90	02.50	01.90

MPG 22.54

TEST NO.C0385 DATE 09/20/73 DRY 71 WET 56 PRES 24.70

	CT	CS	HT	1975
HC	04.73	03.61	03.62	03.85
CO	0060.4	0073.8	0053.9	0065.5
CO2	0288.7	0291.8	0252.5	0280.2
NOX	03.02	01.49	02.48	02.09

	IDLE	LO CR	HI CR	2500
HC	04240	03281	02859	
LHC	0441	0381	0342	
CO	04.66	03.78	02.39	
NOX	0072	0991	2298	
HCSUN	0335	0270	0210	0160
COSUN	04.10	03.90	02.50	01.90

MPG 22.54

VEH.NO. 157 TEST SEQ. 1 YEAR 73 MAKE VOLKSWAGON MODEL SEDA ODOMETER 007972 NO.CYL. 4 CID 097

CARB.VENT. 1 TRANS. 4 WEIGHT 2000 EXH.CON. 1 EVAP.CON. 1 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.60	-0260	-02	+00	0	1	1	0	2	0
FROM STATION	05.60	-0260	-02	+00	0	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0210	0140	03.20	02.40	1	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0210	0140	03.20	02.40	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0386 DATE 09/20/73 DRY 72 WET 57 PRES 24.70

	CT	CS	HT	1975
HC	05.83	05.53	04.38	05.27
CO	0079.4	0062.8	0057.5	0064.8
CO2	0274.6	0283.2	0240.5	0269.5
NOX	02.97	01.93	02.41	02.28

	IDLE	LO CR	HI CR	2500	
HC	05266	03101	02953		
LHC	0443	0283	0290		
CO	06.16	01.54	01.56		
NOX	0063	1273	2765		
HCSUN	0350	0200	0190	0210	
COSUN	06.00	01.65	01.60	02.60	

MPG 22.96

TEST NO.C0386 DATE 09/20/73 DRY 72 WET 57 PRES 24.70

	CT	CS	HT	1975
HC	05.83	05.53	04.38	05.27
CO	0079.4	0062.8	0057.5	0064.8
CO2	0274.6	0283.2	0240.5	0269.5
NOX	02.97	01.93	02.41	02.28

	IDLE	LO CR	HI CR	2500	
HC	05266	03101	02953		
LHC	0443	0283	0290		
CO	06.16	01.54	01.56		
NOX	0063	1273	2765		
HCSUN	0350	0200	0190	0210	
COSUN	06.00	01.65	01.60	02.60	

MPG 22.96

VEH.NO. 158 TEST SEQ. 1 YEAR 70 MAKE OLDSMOBILE MODEL STAW ODOMETER 033747 NO.CYL. 8 CID 455

CARB.VENT. 4 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.50	-0005	-02	+01	2	2	1	0	2	0
FROM STATION	01.50	-0005	-02	+01	2	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0180	0100	01.20	00.90	1	000.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0180	0100	01.20	00.90	1	

ADDL RPRS 004.00 FST 000.00

TEST NO.C0387 DATE 09/20/73 DRY 71 WET 54 PRES 24.70

	CT	CS	HT	1975
HC	06.69	04.89	04.41	05.13
CO	0091.2	0067.5	0056.3	0069.3
CO2	0734.8	0698.9	0630.9	0687.5
NOX	05.05	03.44	04.97	04.20

	IDLE	LO CR	HI CR	2500	
HC	03004	03307	02903		
LHC	0277	0383	0311		
CO	01.60	01.60	01.03		
NOX	0080	1410	2172		
HCSUN	0180	0240	0162	0080	
COSUN	01.90	01.80	01.10	01.50	

MPG 10.96

TEST NO.C0387 DATE 09/20/73 DRY 71 WET 54 PRES 24.70

	CT	CS	HT	1975
HC	06.69	04.89	04.41	05.13
CO	0091.2	0067.5	0056.3	0069.3
CO2	0734.8	0698.9	0630.9	0687.5
NOX	05.05	03.44	04.97	04.20

	IDLE	LO CR	HI CR	2500	
HC	03004	03307	02903		
LHC	0277	0383	0311		
CO	01.60	01.60	01.03		
NOX	0080	1410	2172		
HCSUN	0180	0240	0162	0080	
COSUN	01.90	01.80	01.10	01.50	

MPG 10.96

HC

VEH.NO. 159 TEST SEQ. 1 YEAR 68 MAKE CHEVROLET MODEL BELA ODOMETER 009065 NO.CYL. 6 CID 250

CARB.VENT. 1 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. ? PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.40	-0060	+00	+02	1	2	1	1	1	0
FROM STATION	01.40	-0060	+00	+02	1	2	1	1	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0230	0250	02.40	00.50	1	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0230	0250	02.40	00.50	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0395 DATE 09/20/73 DRY 77 WET 56 PRES 24.58

	CT	CS	HT	1975
HC	10.06	05.54	05.81	06.56
CO	0132.1	0090.0	0096.0	0100.5
CO2	0383.0	0410.5	0356.3	0389.7
NOX	02.27	01.63	02.29	01.94

	IDLE	LO CR	HI CR	2500	
HC	01745	02247	04243		
LHC	0272	0333	0526		
CO	01.78	01.61	07.09		
NOX	0054	2100	0552		
HCSUN	0060	0095	0270	0460	
COSUN	01.40	01.30	06.20	00.42	

MPG 15.67

TEST NO.C0395 DATE 09/20/73 DRY 77 WET 56 PRES 24.58

	CT	CS	HT	1975
HC	10.06	05.54	05.81	06.56
CO	0132.1	0090.0	0096.0	0100.5
CO2	0383.0	0410.5	0356.3	0389.7
NOX	02.27	01.63	02.29	01.94

	IDLE	LO CR	HI CR	2500	
HC	01745	02247	04243		
LHC	0272	0333	0526		
CO	01.78	01.61	07.09		
NOX	0054	2100	0552		
HCSUN	0060	0095	0270	0460	
COSUN	01.40	01.30	06.20	00.42	

MPG 15.67

VEH.NO. 160 TEST SEQ. 1 YEAR 69 MAKE CADILLAC MODEL FLEE ODOMETER 036519 NO.CYL. 8 CID 472

CARB.VENT. 4 TRANS. 1 WEIGHT 5000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.10	-0130	+00	+01	1	1	1	0	2	0
FROM STATION	00.10	-0130	+00	+01	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0200	0160	00.60	00.50	1	004.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	9	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0200	0160	00.60	00.50	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0416 DATE 09/24/73 DRY 70 WET 57 PRES 24.52

	CT	CS	HT	1975
HC	07.10	11.48	07.53	09.47
CO	0068.7	0034.8	0072.5	0052.3
CO2	0586.9	0622.6	0586.8	0605.2
NOX	04.37	05.12	05.77	05.14

	IDLE	LO CR	HI CR	2500	
HC	20696	05681	04208		
LHC	0000	0715	0495		
CO	00.40	01.28	00.45		
NOX	0280	2089	2868		
HCSUN	2500	0390	0270	0170	
COSUN	00.10	01.10	00.45	00.35	

MPG 12.42

TEST NO.C0416 DATE 09/24/73 DRY 70 WET 57 PRES 24.52

	CT	CS	HT	1975
HC	07.10	11.48	07.53	09.47
CO	0068.7	0034.8	0072.5	0052.3
CO2	0586.9	0622.6	0586.8	0605.2
NOX	04.37	05.12	05.77	05.14

	IDLE	LO CR	HI CR	2500	
HC	20696	05681	04208		
LHC	0000	0715	0495		
CO	00.40	01.28	00.45		
NOX	0280	2089	2868		
HCSUN	2500	0390	0270	0170	
COSUN	00.10	01.10	00.45	00.35	

MPG 12.42

Exh

VEH.NO. 161 TEST SEQ. 3 YEAR 69 MAKE MERCURY MODEL COUG ODOMETER 047191 NO.CYL. 8 CID 351

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.30	-0050	-06	+00	1	2	1	0	2	0
FROM STATION	00.30	-0050	-06	+00	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0120	0050	00.80	00.40	1	002.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0120	0050	00.80	00.40	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0397 DATE 09/21/73 DRY 70 WET 55 PRES 24.56

	CT	CS	HT	1975
HC	06.16	03.96	03.97	04.43
CO	0053.8	0020.1	0019.7	0027.0
CO2	0547.2	0548.8	0479.8	0529.3
NOX	05.54	04.36	05.94	05.05

	IDLE	LO CR	HI CR	2500	
HC	02747	03523	03740		
LHC	0324	0420	0435		
CO	00.37	00.23	00.81		
NOX	0233	2387	3327		
HCSUN	0190	0240	0260	0100	
COSUN	00.45	00.25	00.85	00.45	

MPG 15.20

TEST NO.C0397 DATE 09/21/73 DRY 70 WET 55 PRES 24.56

	CT	CS	HT	1975
HC	06.16	03.96	03.97	04.43
CO	0053.8	0020.1	0019.7	0027.0
CO2	0547.2	0548.8	0479.8	0529.3
NOX	05.54	04.36	05.94	05.05

	IDLE	LO CR	HI CR	2500	
HC	02747	03523	03740		
LHC	0324	0420	0435		
CO	00.37	00.23	00.81		
NOX	0233	2387	3327		
HCSUN	0190	0240	0260	0100	
COSUN	00.45	00.25	00.85	00.45	

MPG 15.20

VEH.NO. 162 TEST SEQ. 1 YEAR 64 MAKE CHEVROLET MODEL STAW ODOMETER 074643 NO.CYL. 8 CID 283

CARB.VENT. 4 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	07.40	+0110	+00	+00	0	2	1	0	2	0
FROM STATION	01.40	-0025	+06	-01	0	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0780	0480	20.00	08.00	4	003.50
AFT.RPM.ADJ	0800	0580	09.40	08.80	4	002.00
AFT.TI ADJ1	0460	0380	03.00	06.00	1	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0460	0380	03.00	06.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0399 DATE 09/21/73 DRY 77 WET 56 PRES 24.62

	CT	CS	HT	1975
HC	16.12	15.01	10.84	14.09
CO	0184.0	0223.7	0176.7	0202.4
CO2	0417.4	0389.4	0335.6	0380.3
NOX	01.41	00.79	00.91	00.95

	IDLE	LO CR	HI CR	2500	
HC	12982	05711	05471		
LHC	1042	0645	0579		
CO	09.70	05.51	07.04		
NOX	0038	0435	0381		
HCSUN	0710	0460	0390	0510	
COSUN	07.90	04.80	07.10	08.00	

MPG 11.99

TEST NO.C0412 DATE 09/22/73 DRY 74 WET 56 PRES 24.78

	CT	CS	HT	1975
HC	12.99	07.38	07.03	08.45
CO	0142.0	0124.0	0128.8	0129.1
CO2	0420.2	0405.4	0361.4	0396.3
NOX	01.60	00.91	01.14	01.12

	IDLE	LO CR	HI CR	2500	
HC	05316	05128	04894		
LHC	0742	0654	0563		
CO	02.08	04.90	06.89		
NOX	0096	0478	0385		
HCSUN	0500	0515	0440	0500	
COSUN	01.70	04.40	07.20	06.60	

MPG 14.23

5h1

VEH.NO. 163 TEST SEQ. 1 YEAR 72 MAKE DATSUN MODEL STAW ODOMETER 024888 NO.CYL. 4 CID 097

CARB.VENT. 1 TRANS. 4 WEIGHT 2500 EXH.CON. 1 EVAP.CON. 1 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.00	-0200	-03	+11	0	1	1	0	2	0
FROM STATION	03.00	-0100	+00	+00	0	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0360	0150	02.60	01.30	2	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0300	0140	01.70	01.20	1	012.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0300	0140	01.70	01.20	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0431 DATE 09/25/73 DRY 70 WET 53 PRES 24.48

	CT	CS	HT	1975
HC	06.21	05.05	04.22	05.06
CO	0056.5	0043.6	0040.2	0045.4
CO2	0311.3	0312.8	0264.3	0299.0
NOX	03.12	02.91	03.22	03.04

	IDLE	LO CR	HI CR	2500	
HC	04577	03402	02951		
LHC	0502	0451	0410		
CO	03.48	01.75	00.91		
NOX	0052	1585	2657		
HCSUN	0355	0260	0175	0310	
COSUN	03.10	01.50	00.85	02.70	

MPG 23.06

TEST NO.C0454 DATE 09/27/73 DRY 76 WET 54 PRES 25.06

	CT	CS	HT	1975
HC	05.13	04.78	03.27	04.43
CO	0049.3	0041.9	0031.1	0040.4
CO2	0321.3	0337.0	0278.9	0317.6
NOX	03.21	02.96	03.45	03.14

	IDLE	LO CR	HI CR	2500	
HC	04593	03543	03065		
LHC	0660	0557	0476		
CO	03.19	01.19	00.67		
NOX	0067	2703	3343		
HCSUN	0295	0200	0150	0250	
COSUN	03.10	01.15	00.65	02.10	

MPG 22.54

VEH.NO. 165 TEST SEQ. 1 YEAR 64 MAKE PONTIAC MODEL CATA ODOMETER 054195 NO.CYL. 8 CID 389

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.10	+0070	+08	+02	1	2	1	0	1	0
FROM STATION	01.30	+0095	+02	-03	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	1250	1300	04.10	20.00	4	002.50
AFT.RPM.ADJ	1275	1300	04.20	07.30	4	002.50
AFT.TI ADJ1	0800	1300	03.20	07.30	4	002.50
AFT.TI ADJ2	0400	0320	04.00	03.20	1	002.50
FINAL	0400	0320	04.00	03.20	1	

ADDL RPRS 043.95 EST 000.00

TEST NO.C0398 DATE 09/21/73 DRY 72 WET 54 PRES 24.59

	CT	CS	HT	1975
HC	20.21	09.03	05.60	10.42
CO	0110.7	0077.0	0077.7	0084.3
CO2	0498.3	0509.4	0427.4	0484.3
NOX	04.02	03.77	03.88	03.86

	IDLE	LO CR	HI CR	2500
HC	05651	03490	03506	
LHC	0733	0454	0412	
CO	03.29	01.58	04.43	
NOX	0069	2198	1458	
HCSUN	0450	0230	0225	0160
COSUN	02.30	01.60	04.40	03.40

MPG 13.71

TEST NO.C0417 DATE 09/24/73 DRY 70 WET 57 PRES 24.55

	CT	CS	HT	1975
HC	07.64	05.66	04.59	05.78
CO	0110.4	0087.8	0080.9	0090.6
CO2	0538.6	0553.6	0466.6	0526.3
NOX	05.79	04.84	05.22	05.15

	IDLE	LO CR	HI CR	2500
HC	04576	03794	03838	
LHC	0601	0528	0487	
CO	01.58	01.43	04.26	
NOX	0132	2400	1650	
HCSUN	0255	0270	0240	0250
COSUN	01.30	01.40	04.10	02.80

MPG 12.97

Chl.

VEH.NO. 166 TEST SEQ. 4 YEAR 70 MAKE VOLKSWAGON MODEL SEDA ODOMETER 012474 NO.CYL. 4 CID 097

CARB.VENT. 1 TRANS. 4 WEIGHT 2000 EXH.CON. 1 EVAP.CON. 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.20	-0060	+05	+00	0	1	1	0	2	0
FROM STATION	07.40	-0100	+05	+00	0	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0000	0095	00.00	00.60	4	005.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0220	0090	01.80	00.60	1	001.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0220	0090	01.80	00.60	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0413 DATE 09/24/73 DRY 72 WET 54 PRES 24.49

	CT	CS	HT	1975
HC	05.35	06.21	05.28	05.77
CO	0076.4	0063.6	0069.0	0067.8
CO2	0301.3	0339.3	0255.4	0308.1
NOX	02.64	01.87	02.24	02.14

	IDLE	LO CR	HI CR	2500	
HC	08998	02754	02993		
LHC	0745	0265	0307		
CO	04.45	01.61	03.06		
NOX	0051	1172	2276		
HCSUN	0200	0205	0210		0180
COSUN	04.50	01.75	03.10		01.60

MPG 20.58

TEST NO.C0438 DATE 09/25/73 DRY 69 WET 52 PRES 24.48

	CT	CS	HT	1975
HC	08.18	07.71	06.48	07.47
CO	0102.2	0076.9	0082.1	0083.6
CO2	0286.7	0290.9	0247.3	0277.9
NOX	02.25	01.59	01.84	01.80

	IDLE	LO CR	HI CR	2500	
HC	16800	03700	03629		
LHC	2014	0461	0471		
CO	08.50	02.00	03.96		
NOX	0035	1142	1954		
HCSUN	2500	0310	0280		0360
COSUN	08.60	02.00	04.00		03.00

MPG 20.57

VEH.NO. 168 TEST SEQ. 1 YEAR 66 MAKE VOLKSWAGON MODEL SEDA ODOMETER 048575 NO.CYL. 4 CID 078

CARB.VENT. 1 TRANS. 4 WEIGHT 2000 EXH.CON. 2 EVAP.CON. 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	09.30	+0465	+10	+00	0	1	1	0	2	0
FROM STATION	04.30	+0325	+02	+00	0	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0580	0260	08.00	06.00	3	005.50
AFT.RPM.ADJ	1200	0280	06.60	06.00	4	005.50
AFT.TI ADJ1	0280	0220	03.00	04.20	1	005.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0280	0220	03.00	04.20	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0415 DATE 09/24/73 DRY 70 WET 57 PRES 24.51

	CT	CS	HT	1975
HC	08.37	12.27	08.16	10.31
CO	0102.9	0130.5	0099.9	0116.2
CO2	0246.6	0251.5	0233.3	0245.4
NOX	03.33	01.59	02.61	02.23

	IDLE	LO CR	HI CR	2500	
HC	13235	04488	03831		
LHC	1039	0501	0400		
CO	10.37	05.37	04.15		
NOX	0026	1365	2286		
HCSUN	0860	0380	0290	0420	
COSUN	09.20	05.20	04.00	07.60	

MPG 19.34

TEST NO.C0437 DATE 09/25/73 DRY 70 WET 52 PRES 24.48

	CT	CS	HT	1975
HC	07.22	08.25	05.42	07.25
CO	0088.3	0094.1	0078.4	0088.5
CO2	0248.1	0236.0	0205.8	0230.2
NOX	02.83	01.46	02.10	01.92

	IDLE	LO CR	HI CR	2500	
HC	05467	04428	03533		
LHC	0504	0508	0445		
CO	04.92	06.54	03.96		
NOX	0056	0635	2526		
HCSUN	0365	0335	0260	0340	
COSUN	04.90	06.20	03.80	05.50	

MPG 22.71

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VEH.NO. 169 TEST SEQ. 4 YEAR 65 MAKE PLYMOUTH MODEL FURY ODOMETER 113497 NO.CYL. 8 CID 318

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	07.60	+0045	+08	-02	1	2	1	0	2	0
FROM STATION	06.10	+0100	+08	-02	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0550	0300	03.50	08.50	4	000.00
AFT.RPM.ADJ	0700	0350	05.00	06.50	3	000.00
AFT.TI ADJ1	0650	0500	01.00	01.00	1	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0650	0500	01.00	01.00	1	

ADDL RPRS 012.00 EST 000.00

TEST NO.C0414 DATE 09/24/73 DRY 72 WET 54 PRES 24.49

	CT	CS	HT	1975
HC	23.66	15.34	11.03	15.88
CO	0289.3	0236.1	0227.2	0244.8
CO2	0407.1	0354.1	0340.1	0361.3
NOX	01.06	00.71	00.84	00.82

	IDLE	LO CR	HI CR	2500	
HC	10085	05906	04867		
LHC	0940	0672	0530		
CO	08.86	09.76	07.74		
NOX	0022	0161	0364		
HCSUN	0860	0475	0420	0560	
COSUN	08.20	09.10	08.00	04.80	

MPG 11.19

TEST NO.C0430 DATE 09/25/73 DRY 70 WET 51 PRES 24.49

	CT	CS	HT	1975
HC	17.12	11.10	08.51	11.67
CO	0258.3	0204.5	0207.6	0216.6
CO2	0375.3	0365.2	0328.9	0357.3
NOX	01.01	00.87	00.82	00.88

	IDLE	LO CR	HI CR	2500	
HC	05087	05802	05046		
LHC	0786	0773	0666		
CO	06.91	09.22	07.76		
NOX	0058	0208	0389		
HCSUN	0485	0460	0355	0370	
COSUN	06.20	08.60	07.50	03.90	

MPG 12.13

VEH.NO. 170 TEST SEQ. 1 YEAR 66 MAKE FORD MODEL MUST ODOMETER 081058 NO.CYL. 8 CID 289

CARB.VENT. 2 TRANS. 1 WEIGHT 3000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	08.50	+0000	+01	+00	1	1	1	0	2	0
FROM STATION	02.70	+0000	+00	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0460	0500	08.10	02.30	4	002.50
AFT.RPM.ADJ	0480	0420	08.20	02.30	4	002.50
AFT.TI ADJ1	0320	0380	02.20	02.20	1	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	002.50
FINAL	0320	0380	02.10	02.10	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0432 DATE 09/25/73 DRY 70 WET 53 PRES 24.49

	CT	CS	HT	1975
HC	12.59	11.54	08.13	10.81
CO	0152.1	0151.3	0087.0	0133.6
CO2	0403.2	0399.7	0379.2	0394.7
NOX	01.87	01.60	02.78	01.98

	IDLE	LO CR	HI CR	2500	
HC	08852	04350	03940		
LHC	0724	0542	0475		
CO	09.69	02.00	02.24		
NOX	0027	1308	1789		
HCSUN	0540	0390	0300	0700	
COSUN	09.10	02.10	02.20	04.20	

MPG 13.94

TEST NO.C0452 DATE 09/26/73 DRY 69 WET 52 PRES 24.88

	CT	CS	HT	1975
HC	09.95	06.82	05.21	07.03
CO	0135.2	0101.7	0060.6	0097.3
CO2	0390.5	0424.5	0374.3	0403.5
NOX	01.93	02.00	03.01	02.27

	IDLE	LO CR	HI CR	2500	
HC	04062	04308	03977		
LHC	0529	0618	0556		
CO	03.12	01.45	01.63		
NOX	0083	1316	2561		
HCSUN	0325	0365	0285	0500	
COSUN	03.00	01.55	01.80	02.20	

MPG 15.39

VEH.NO. 171 TEST SEQ. 4 YEAR 65 MAKE FORD MODEL STAW ODOMETER 071092 NO.CYL. 8 CID 289

CARB.VENT. 2 TRANS. 1 WEIGHT 4500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.80	+0020	-03	+03	1	1	1	0	2	0
FROM STATION	00.50	+0100	-03	+04	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0480	0400	07.40	05.00	3	003.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0420	0420	01.90	04.00	1	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0420	0420	01.90	04.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0427 DATE 09/25/73 DRY 72 WET 56 PRES 24.48

	CT	CS	HT	1975
HC	17.03	13.84	10.72	13.64
CO	0190.7	0155.8	0132.6	0156.7
CO2	0486.1	0477.8	0450.2	0471.9
NOX	02.11	01.99	02.54	02.17

	IDLE	LO CR	HI CR	2500	
HC	06219	05411	05347		
LHC	0844	0768	0704		
CO	04.83	03.61	06.46		
NOX	0072	1000	0445		
HCSUN	0770	0500	0470	0520	
COSUN	04.00	03.70	06.50	04.60	

MPG 11.70

TEST NO.C0440 DATE 09/26/73 DRY 72 WET 59 PRES 24.78

	CT	CS	HT	1975
HC	17.93	15.58	09.53	14.42
CO	0222.3	0194.4	0117.5	0178.9
CO2	0573.8	0611.3	0466.1	0563.1
NOX	03.02	02.68	02.36	02.83

	IDLE	LO CR	HI CR	2500	
HC	05511	05381	04722		
LHC	0766	0706	0578		
CO	00.58	02.82	02.97		
NOX	0108	1277	1353		
HCSUN	0740	0660	0480	0560	
COSUN	00.60	02.70	02.90	04.30	

MPG 10.01

VEH.NO. 172 TEST SEQ. 4 YEAR 64 MAKE CHEVROLET MODEL IMPA ODOMETER 110629 NO.CYL. 8 CID 283

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.20	+0290	+12	-06	0	2	1	0	2	0
FROM STATION	06.10	+0030	+02	+00	0	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0720	0840	04.60	10.00	4	000.00
AFT.RPM.ADJ	0640	0840	01.80	10.00	4	000.00
AFT.TI ADJ1	0640	0700	06.00	10.00	3	000.00
AFT.TI ADJ2	0880	0880	06.80	10.00	4	000.00
FINAL	0880	0880	06.80	10.00	4	

ADDL RPRS 015.40 EST 090.00

TEST NO.C0428 DATE 09/25/73 DRY 72 WET 51 PRES 24.58

	CT	CS	HT	1975
HC	17.08	14.01	11.81	14.04
CO	0201.6	0210.2	0174.2	0198.4
CO2	0354.4	0334.9	0309.4	0331.9
NOX	01.37	00.66	01.11	00.93

	IDLE	LO CR	HI CR	2500
HC	06684	06724	05890	
LHC	0847	0807	0717	
CO	03.91	07.34	06.08	
NOX	0127	0414	0833	
HCSUN	0670	0680	0540	1000
COSUN	03.30	07.40	06.00	09.00

MPG 12.95

TEST NO.C0441 DATE 09/26/73 DRY 72 WET 56 PRES 24.78

	CT	CS	HT	1975
HC	17.05	18.65	12.07	16.49
CO	0212.8	0243.7	0184.8	0220.9
CO2	0335.5	0304.5	0291.6	0307.4
NOX	00.77	00.35	00.65	00.52

	IDLE	LO CR	HI CR	2500
HC	11071	06520	05600	
LHC	1038	0771	0562	
CO	08.39	08.10	06.39	
NOX	0031	0196	0503	
HCSUN	0920	0785	0550	0920
COSUN	06.10	08.20	06.30	09.60

MPG 12.61

VEH.NO. 173 TEST SEQ. 3 YEAR 72 MAKE OLDSMOBILE MODEL CUTL ODOMETER 026639 NO.CYL. 8 CID 350

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.30	+0150	-05	-06	1	2	1	0	2	0
FROM STATION	04.30	+0150	-05	-06	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0130	0060	03.20	02.30	1	001.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0130	0060	03.20	02.30	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0429 DATE 09/25/73 DRY 70 WET 51 PRES 24.48

	CT	CS	HT	1975
HC	06.94	05.54	04.54	05.56
CO	0117.1	0133.2	0087.4	0117.1
CO2	0580.4	0538.5	0485.1	0532.5
NOX	03.46	01.36	02.97	02.25

	IDLE	LO CR	HI CR	2500	
HC	03787	04080	03301		
LHC	0536	0591	0468		
CO	04.52	03.55	01.19		
NOX	0072	0695	2326		
HCSUN	0220	0310	0190	0130	
COSUN	04.50	03.50	01.20	03.80	

MPG 12.14

TEST NO.C0429 DATE 09/25/73 DRY 70 WET 51 PRES 24.48

	CT	CS	HT	1975
HC	06.94	05.54	04.54	05.56
CO	0117.1	0133.2	0087.4	0117.1
CO2	0580.4	0538.5	0485.1	0532.5
NOX	03.46	01.36	02.97	02.25

	IDLE	LO CR	HI CR	2500	
HC	03787	04080	03301		
LHC	0536	0591	0468		
CO	04.52	03.55	01.19		
NOX	0072	0695	2326		
HCSUN	0220	0310	0190	0130	
COSUN	04.50	03.50	01.20	03.80	

MPG 12.14

VEH.NO. 174 TEST SEQ. 1 YEAR 69 MAKE FORD MODEL FAIR ODOMETER 055127 NO.CYL. 8 CID 302

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.00	+0000	+02	+00	1	1	1	0	2	0
FROM STATION	00.14	-0050	+07	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0470	0270	04.40	00.50	4	004.50
AFT.RPM.ADJ	0430	0240	02.10	00.40	2	001.50
AFT.TI ADJ1	1500	0820	01.00	00.50	2	003.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0270	0250	00.20	00.40	1	

ADDL PRRS 000.00 EST 000.00

TEST NO.C0442 DATE 09/26/73 DRY 69 WET 53 PRES 24.77

	CT	CS	HT	1975
HC	09.75	07.65	06.25	07.70
CO	0122.3	0080.7	0066.5	0085.5
CO2	0507.6	0572.5	0501.2	0539.1
NOX	04.52	07.29	07.83	06.86

	IDLE	LO CR	HI CR	2500	
HC	05095	04491	04842		
LHC	0575	0642	0639		
CO	04.45	00.42	04.02		
NOX	0095	4463	1397		
HCSUN	0520	0420	0435	0235	
COSUN	04.20	00.45	04.20	00.80	

MPG 12.76

TEST NO.C0464 DATE 09/27/73 DRY 70 WET 54 PRES 24.99

	CT	CS	HT	1975
HC	09.74	05.34	06.70	06.43
CO	0173.9	0068.6	0064.5	0089.5
CO2	0526.4	0551.5	0545.5	0544.6
NOX	01.96	03.83	04.40	03.60

	IDLE	LO CR	HI CR	2500	
HC	01761	04067	04480		
LHC	0425	0684	0630		
CO	00.17	00.42	07.27		
NOX	0101	2598	0292		
HCSUN	0125	0330	0275	0125	
COSUN	00.20	00.30	07.10	00.70	

MPG 12.62

VEH.NO. 175 TEST SEQ. 2 YEAR 72 MAKE CHEVROLET MODEL NOVA ODOMETER 021117 NO.CYL. 8 CID 350

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MTS	NOX
FROM OWNER	02.80	-0010	+00	+01	1	2	1	1	2	0
FROM STATION	02.80	-0010	+00	+01	1	2	1	1	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0130	0060	02.80	01.80	1	002.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0130	0060	02.80	01.80	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0443 DATE 09/26/73 DRY 70 WET 53 PRES 24.77

	CT	CS	HT	1975
HC	06.90	04.96	04.63	05.28
CO	0094.9	0065.7	0059.8	0070.2
CO2	0555.9	0546.3	0477.1	0529.1
NOX	03.72	02.40	03.87	03.08

	IDLE	LO CR	HI CR	2500	
HC	04411	04106	03577		
LHC	0556	0541	0483		
CO	02.94	02.01	00.98		
NOX	0101	1699	2638		
HCSUN	0395	0350	0270	0185	
COSUN	03.00	02.60	01.15	02.60	

MPG 13.58

TEST NO.C0443 DATE 09/26/73 DRY 70 WET 53 PRES 24.77

	CT	CS	HT	1975
HC	06.90	04.95	04.53	05.28
CO	0094.9	0065.7	0059.8	0070.2
CO2	0555.9	0546.3	0477.1	0529.1
NOX	03.72	02.40	03.87	03.08

	IDLE	LO CR	HI CR	2500	
HC	04411	04106	03577		
LHC	0556	0541	0483		
CO	02.94	02.01	00.98		
NOX	0101	1699	2638		
HCSUN	0395	0350	0270	0185	
COSUN	03.00	02.60	01.15	02.60	

MPG 13.58

VEH.NO. 176 TEST SEQ. 1 YEAR 73 MAKE CADILLAC MODEL DEVI ODOMETER 007405 NO.CYL. 8 CID 472

CARB.VENT. 4 TRANS. 1 WEIGHT 5000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.50	+0000	+00	+09	1	2	1	1	2	1
FROM STATION	01.50	+0000	+00	+09	1	2	1	1	2	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0060	0040	01.20	00.25	1	003.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0060	0040	01.20	00.25	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0444 DATE 09/26/73 DRY 69 WET 53 PRES 24.77

	CT	CS	HT	1975
HC	05.73	02.53	02.29	03.13
CO	0112.0	0069.7	0077.5	0080.7
CO2	0837.3	0887.5	0755.6	0840.4
NOX	01.62	01.70	01.77	01.70

	IDLE	LO CR	HI CR	2500	
HC	01371	02174	01517		
LHC	0312	0419	0368		
CO	01.69	01.97	01.08		
NOX	0074	1227	1162		
HCSUN	0110	0150	0110	0070	
COSUN	01.60	01.70	00.90	00.40	

MPG 09.12

TEST NO.C0444 DATE 09/26/73 DRY 69 WET 53 PRES 24.77

	CT	CS	HT	1975
HC	05.73	02.53	02.29	03.13
CO	0112.0	0069.7	0077.5	0080.7
CO2	0837.3	0887.5	0755.6	0840.4
NOX	01.62	01.70	01.77	01.70

	IDLE	LO CR	HI CR	2500	
HC	01371	02174	01517		
LHC	0312	0419	0368		
CO	01.69	01.97	01.08		
NOX	0074	1227	1162		
HCSUN	0110	0150	0110	0070	
COSUN	01.60	01.70	00.90	00.40	

MPG 09.12

VEH.NO. 177 TEST SEQ. 1 YEAR 72 MAKE CHRYSLER MODEL NEWP ODOMETER 029493 NO.CYL. 8 CID 400

CARB.VENT. 2 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	09.10	+0180	-02	+10	1	1	1	0	2	0
FROM STATION	01.10	+0120	-10	+08	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	1350	0500	20.00	20.00	4	000.00
AFT.RPM.ADJ	1300	0550	20.00	20.00	4	000.00
AFT.TI ADJ1	1300	0550	20.00	20.00	4	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	012.00
FINAL	0150	0060	02.60	02.00	1	

ADDL RPRS 033.65 EST 000.00

TEST NO.C0445 DATE 09/26/73 DRY 70 WET 56 PRES 24.77

	CT	CS	HT	1975
HC	27.89	48.60	21.07	36.63
CO	0265.8	0394.3	0230.8	0322.1
CO2	0453.2	0423.6	0415.9	0427.7
NOX	01.29	00.51	01.50	00.95

	IDLE	LO CR	HI CR	2500
HC	12878	05268	04088	
LHC	1037	0722	0568	
CO	11.37	07.72	05.63	
NOX	0020	0270	0771	
HCSUN	0730	0415	0270	2500
COSUN	09.50	07.80	05.60	20.00

MPG 08.49

TEST NO.C0480 DATE 09/28/73 DRY 70 WET 54 PRES 24.83

	CT	CS	HT	1975
HC	07.66	04.21	04.54	05.02
CO	0129.2	0055.1	0068.6	0074.3
CO2	0567.2	0586.4	0501.9	0558.9
NOX	03.14	02.36	03.55	02.85

	IDLE	LO CR	HI CR	2500
HC	03036	03081	03239	
LHC	0313	0353	0344	
CO	01.20	00.38	02.30	
NOX	0073	1861	2206	
HCSUN	0120	0180	0115	0065
COSUN	01.25	00.40	02.40	00.90

MPG 12.88

VEH.NO. 178 TEST SEQ. 4 YEAR 64 MAKE FORD MODEL GALA ODOMETER 059024 NO.CYL. 8 CID 390

CARB.VENT. 4 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	07.00	-0100	-02	+00	0	1	1	0	2	0
FROM STATION	07.00	-0100	-02	+00	0	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0450	0150	06.00	02.00	1	001.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0450	0150	06.00	02.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0453 DATE 09/26/73 DRY 70 WET 53 PRES 24.91

	CT	CS	HT	1975
HC	17.19	13.95	09.71	13.45
CO	0131.5	0135.5	0091.2	0122.4
CO2	0572.7	0519.5	0489.1	0522.2
NOX	03.00	02.51	02.76	02.68

	IDLE	LO CR	HI CR	2500	
HC	08486	05536	05159		
LHC	1465	0787	0674		
CO	08.03	02.81	01.96		
NOX	0078	0941	1922		
HCSUN	1100	0490	0380	0260	
COSUN	07.20	02.80	02.10	03.10	

MPG 11.76

TEST NO.C0453 DATE 09/26/73 DRY 70 WET 53 PRES 24.91

	CT	CS	HT	1975
HC	17.19	13.95	09.71	13.45
CO	0131.5	0135.5	0091.2	0122.4
CO2	0572.7	0519.5	0489.1	0522.2
NOX	03.00	02.51	02.76	02.68

	IDLE	LO CR	HI CR	2500	
HC	08486	05536	05159		
LHC	1465	0787	0674		
CO	08.03	02.81	01.96		
NOX	0078	0941	1922		
HCSUN	1100	0490	0380	0260	
COSUN	07.20	02.80	02.10	03.10	

MPG 11.76

VEH.NO. 179 TEST SEQ. 2 YEAR 73 MAKE CHEVROLET MODEL NOVA ODOMETER 017115 NO.CYL. 8 CID 307

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.16	-0200	+00	+01	1	1	1	0	2	1
FROM STATION	01.16	-0200	+00	+01	1	1	1	0	2	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0070	0030	00.60	00.30	1	000.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0070	0030	00.60	00.30	1	

ADDL RPRS 002.50 EST 000.00

TEST NO.C0708 DATE 10/22/73 DRY 70 WET 51 PRES 24.73

	CT	CS	HT	1975
HC	04.08	02.50	02.49	02.83
CO	0084.8	0056.7	0067.7	0065.6
CO2	0599.2	0562.6	0471.6	0545.0
NOX	01.91	01.32	01.44	01.48

	IDLE	LO CR	HI CR	2500	
HC	00898	01919	01319		
LHC	0197	0303	0266		
CO	01.62	02.21	02.67		
NOX	0049	0546	0556		
HCSUN	0020	0040	0030	0020	
COSUN	00.37	00.50	00.65	00.15	

MPG 13.56

TEST NO.C0708 DATE 10/22/73 DRY 70 WET 51 PRES 24.73

	CT	CS	HT	1975
HC	04.08	02.50	02.49	02.83
CO	0084.8	0056.7	0067.7	0065.6
CO2	0599.2	0562.6	0471.6	0545.0
NOX	01.91	01.32	01.44	01.48

	IDLE	LO CR	HI CR	2500	
HC	00898	01919	01319		
LHC	0197	0303	0266		
CO	01.62	02.21	02.67		
NOX	0049	0546	0556		
HCSUN	0020	0040	0030	0020	
COSUN	00.37	00.50	00.65	00.15	

MPG 13.56

VEH.NO. 180 TEST SEQ. 2 YEAR 68 MAKE FORD MODEL GALA ODOMETER 076747 NO.CYL. 8 CID 302

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.70	-0020	+04	+00	1	1	1	0	2	0
FROM STATION	05.50	-0050	+04	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	2500	2000	05.40	00.60	4	004.50
AFT.RPM.ADJ	2500	2500	03.60	00.50	4	001.50
AFT.TI ADJ1	2500	2500	02.40	00.50	2	001.50
AFT.TI ADJ2	2500	2500	01.10	00.30	0	003.00
FINAL	0230	1600	01.50	00.50	2	

ADDL RPRS 026.07 EST 030.00

TEST NO.C0456 DATE 09/27/73 DRY 74 WET 53 PRES 25.06

	CT	CS	HT	1975
HC	08.89	05.66	05.60	06.32
CO	0090.5	0066.7	0057.2	0069.1
CO2	0585.8	0535.0	0488.1	0532.6
NOX	07.19	06.09	07.55	06.73

	IDLE	LO CR	HI CR	2500
HC	06014	03294	03960	
LHC	0791	0591	0616	
CO	07.17	00.42	05.67	
NOX	0064	3619	0861	
HCSUN	0550	0235	0265	2500
COSUN	07.20	00.55	05.40	01.10

MPG 13.47

TEST NO.C0475 DATE 09/28/73 DRY 70 WET 56 PRES 24.84

	CT	CS	HT	1975
HC	07.18	04.16	04.45	04.87
CO	0094.8	0052.7	0053.4	0061.7
CO2	0603.5	0555.4	0496.6	0549.2
NOX	05.56	04.53	05.61	05.04

	IDLE	LO CR	HI CR	2500
HC	04473	02831	02875	
LHC	0543	0386	0387	
CO	05.82	00.32	01.57	
NOX	0066	2463	2403	
HCSUN	0320	0160	0150	0270
COSUN	06.00	00.40	01.60	00.80

MPG 13.46

VEH.NO. 181 TEST SEQ. 2 YEAR 68 MAKE CHEVROLET MODEL NOVA ODOMETER 042449 NO.CYL. 8 CID 307

CARB.VENT. 2 TRANS. 1 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.80	-0060	+08	-05	1	1	1	0	2	0
FROM STATION	01.80	+0000	+08	-05	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0500	0270	05.00	03.20	4	000.00
AFT.RPM.ADJ	0680	0300	06.00	02.80	4	000.00
AFT.TI ADJ1	0450	0250	06.00	02.50	4	000.00
AFT.TI ADJ2	0300	0200	01.60	01.50	1	000.00
FINAL	0300	0200	01.60	01.50	1	

ADDL RPRS 010.50 EST 000.00

TEST NO.C0457 DATE 09/27/73 DRY 70 WET 54 PRES 25.06

	CT	CS	HT	1975
HC	08.27	07.34	05.60	07.05
CO	0108.6	0096.2	0072.7	0092.3
CO2	0431.6	0403.1	0366.9	0399.0
NOX	03.45	02.69	03.48	03.07

	IDLE	LO CR	HI CR	2500	
HC	06918	04425	04354		
LHC	1109	0755	0704		
CO	07.35	02.29	02.99		
NOX	0065	1765	1959		
HCSUN	0740	0390	0330	0340	
COSUN	07.00	02.50	03.00	02.50	

MPG 15.73

TEST NO.CA475 DATE 09/28/73 DRY 71 WET 56 PRES 24.85

	CT	CS	HT	1975
HC	06.19	04.72	05.52	05.25
CO	0100.0	0046.6	0072.7	0069.0
CO2	0432.2	0444.1	0368.2	0420.6
NOX	02.61	02.37	03.59	02.76

	IDLE	LO CR	HI CR	2500	
HC	04765	04786	04313		
LHC	0000	0639	0582		
CO	03.06	02.14	02.55		
NOX	0899	0215	1414		
HCSUN	0420	0350	0270	0210	
COSUN	02.20	02.70	03.50	02.40	

MPG 16.51

VEH.NO. 182 TEST SEQ. 3 YEAR 68 MAKE CHEVROLET MODEL CAME ODOMETER 083926 NO.CYL. 8 CID 327

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.90	-0160	+04	+00	1	2	1	0	2	0
FROM STATION	04.60	-0300	+00	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0650	0320	05.00	02.59	4	000.00
AFT.RPM.ADJ	0700	0280	03.00	01.50	4	000.00
AFT.TI ADJ1	0700	0260	02.20	01.50	4	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0700	0260	02.20	01.50	1	

ADDL RPRS 004.00 EST 000.00

TEST NO.C0458 DATE 09/27/73 DRY 70 WET 53 PRES 25.05

	CT	CS	HT	1975
HC	12.55	07.86	06.95	08.59
CO	0157.3	0074.0	0079.1	0092.9
CO2	0476.7	0447.5	0414.7	0444.5
NOX	03.71	03.20	03.90	03.50

	IDLE	LO CR	HI CR	2500	
HC	07035	04574	04238		
LHC	0885	0689	0625		
CO	06.16	01.77	02.45		
NOX	0082	1992	2252		
HCSUN	0730	0390	0310	0280	
COSUN	06.00	01.90	02.50	02.00	

MPG 14.42

TEST NO.C0491 DATE 10/01/73 DRY 79 WET 58 PRES 24.72

	CT	CS	HT	1975
HC	13.33	07.62	06.10	08.39
CO	0149.9	0083.2	0078.2	0095.8
CO2	0438.7	0418.9	0380.3	0412.4
NOX	03.42	02.77	03.70	03.16

	IDLE	LO CR	HI CR	2500	
HC	06179	04809	04321		
LHC	0832	0665	0575		
CO	04.77	02.87	02.94		
NOX	0102	1230	2050		
HCSUN	0790	0460	0340	0360	
COSUN	04.60	03.00	03.10	03.10	

MPG 15.11

VEH.NO. 183 TEST SEQ. 2 YEAR 71 MAKE CHEVROLET MODEL STAW ODOMETER 021163 NO.CYL. 8 CID 400

CARB.VENT. 2 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.00	-0010	+00	+00	1	1	1	0	2	0
FROM STATION	02.00	-0010	+00	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0070	0020	02.00	00.50	1	002.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0070	0020	02.00	00.50	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0459 DATE 09/27/73 DRY 70 WET 53 PRES 25.05

	CT	CS	HT	1975
HC	10.79	04.33	04.41	05.70
CO	0230.9	0072.7	0092.8	0111.4
CO2	0625.5	0701.1	0579.4	0651.7
NOX	02.55	02.95	03.39	02.99

	IDLE	LO CR	HI CR	2500	
HC	03634	02701	03238		
LHC	0544	0445	0469		
CO	02.15	00.82	02.71		
NOX	0149	1529	1569		
HCSUN	0235	0120	0145	0050	
COSUN	02.10	00.75	02.70	00.55	

MPG 10.54

TEST NO.C0459 DATE 09/27/73 DRY 70 WET 53 PRES 25.05

	CT	CS	HT	1975
HC	10.79	04.33	04.41	05.70
CO	0230.9	0072.7	0092.8	0111.4
CO2	0625.5	0701.1	0579.4	0651.7
NOX	02.55	02.95	03.39	02.99

	IDLE	LO CR	HI CR	2500	
HC	03634	02701	03238		
LHC	0544	0445	0469		
CO	02.15	00.82	02.71		
NOX	0149	1529	1569		
HCSUN	0235	0120	0145	0050	
COSUN	02.10	00.75	02.70	00.55	

MPG 10.54

VEH.NO. 184 TEST SEQ. 3 YEAR 71 MAKE CHEVROLET MODEL IMPA ODOMETER 035988 NO.CYL. 8 CID 350

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.80	+0100	+04	-02	1	2	1	0	2	0
FROM STATION	01.40	+0000	+00	+00	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0300	0060	07.60	00.40	4	005.50
AFT.RPM.ADJ	0300	0060	07.60	00.40	4	003.30
AFT.TI ADJ1	0180	0035	02.20	00.20	1	003.30
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0180	0035	02.20	00.20	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0467 DATE 09/27/73 DRY 70 WET 52 PRES 24.98

	CT	CS	HT	1975
HC	06.27	04.90	04.39	05.04
CO	0121.1	0059.8	0064.8	0074.0
CO2	0600.7	0600.2	0510.6	0575.4
NOX	03.68	03.49	04.18	03.72

	IDLE	LO CR	HI CR	2500	
HC	04901	03793	02945		
LHC	0759	0636	0555		
CO	05.35	01.07	00.44		
NOX	0094	1548	3183		
HCSUN	0390	0230	0140		0110
COSUN	05.20	01.20	00.50		01.70

MPG 12.59

TEST NO.C0492 DATE 10/01/73 DRY 76 WET 53 PRES 24.71

	CT	CS	HT	1975
HC	04.78	03.21	03.50	03.62
CO	0078.0	0015.3	0045.9	0036.9
CO2	0611.5	0639.0	0505.2	0596.1
NOX	03.69	03.24	03.60	03.43

	IDLE	LO CR	HI CR	2500	
HC	03811	02289	02748		
LHC	0539	0419	0404		
CO	01.48	00.20	00.50		
NOX	0147	1046	2810		
HCSUN	0325	0120	0150		0085
COSUN	01.60	00.24	00.50		01.20

MPG 13.38

VEH.NO. 185 TEST SEQ. 1 YEAR 71 MAKE TOYOTA MODEL CORO ODOMETER 029881 NO.CYL. 4 CID 071

CARB.VENT. 2 TRANS. 4 WEIGHT 2000 EXH.CON. 1 EVAP.CON. 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.10	+0210	+00	-11	0	1	1	0	2	0
FROM STATION	01.16	+0010	+00	+00	0	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0390	0120	04.60	01.20	4	005.50
AFT.RPM.ADJ	0520	0130	04.40	01.20	4	000.00
AFT.TI ADJ1	0300	0130	00.80	01.30	1	012.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0300	0130	00.80	01.30	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0469 DATE 09/28/73 DRY 76 WET 57 PRES 24.88

	CT	CS	HT	1975
HC	05.69	06.12	04.04	05.45
CO	0046.8	0058.2	0037.5	0050.1
CO2	0319.8	0347.4	0279.3	0322.7
NOX	03.94	01.63	03.10	02.52

	IDLE	LO CR	HI CR	2500	
HC	05422	04281	04556		
LHC	0766	0646	0761		
CO	04.58	02.21	01.62		
NOX	0073	0851	3950		
HCSUN	0365	0230	0270		0165
COSUN	04.30	02.00	01.40		02.90

MPG 21.28

TEST NO.C0494 DATE 10/01/73 DRY 75 WET 56 PRES 24.70

	CT	CS	HT	1975
HC	04.47	03.50	03.38	03.67
CO	0038.3	0034.8	0032.6	0034.9
CO2	0280.0	0319.9	0247.0	0291.3
NOX	02.98	01.26	02.24	01.89

	IDLE	LO CR	HI CR	2500	
HC	04151	04171	04441		
LHC	0478	0485	0591		
CO	01.26	02.80	01.85		
NOX	0076	0414	2942		
HCSUN	0340	0265	0350		0300
COSUN	01.30	02.90	02.00		07.00

MPG 24.89

VEH.NO. 186 TEST SEQ. 1 YEAR 70 MAKE VOLKSWAGON MODEL SEDA ODOMETER 048300 NO.CYL. 4 CID 097

CARB.VENT. 1 TRANS. 4 WEIGHT 2000 EXH.CON. 1 EVAP.CON. 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.10	-0100	+04	-07	0	1	1	0	2	0
FROM STATION	04.95	+0000	+04	+00	0	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	1020	0350	01.00	00.40	4	005.00
AFT.RPM.ADJ	1150	0300	04.50	00.60	4	001.00
AFT.TI ADJ1	1150	0300	04.50	00.60	4	001.00
AFT.TI ADJ2	0290	0080	02.20	00.70	1	002.00
FINAL	0290	0080	02.20	00.70	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0470 DATE 09/28/73 DRY 70 WET 55 PRES 24.85

	CT	CS	HT	1975
HC	05.62	05.49	03.68	05.02
CO	0081.7	0040.4	0040.4	0049.1
CO2	0292.6	0328.8	0276.7	0306.8
NOX	03.97	03.74	04.40	03.97

	IDLE	LO CR	HI CR	2500	
HC	14291	03744	03159		
LHC	2500	0526	0509		
CO	06.00	00.89	01.74		
NOX	0035	2479	4267		
HCSUN	2500	0220	0200	0350	
COSUN	05.00	00.90	01.70	00.55	

MPG 22.28

TEST NO.C0495 DATE 10/01/73 DRY 74 WET 56 PRES 24.70

	CT	CS	HT	1975
HC	05.34	03.65	03.24	03.89
CO	0082.2	0060.4	0064.3	0066.1
CO2	0265.6	0304.1	0248.2	0280.5
NOX	02.01	01.49	01.54	01.64

	IDLE	LO CR	HI CR	2500	
HC	05145	02209	02353		
LHC	0594	0408	0442		
CO	05.56	01.32	02.06		
NOX	0065	0933	2389		
HCSUN	0330	0130	0140	0200	
COSUN	05.30	01.25	01.90	02.00	

MPG 22.46

VEH.NO. 187 TEST SEQ. 3 YEAR 73 MAKE FORD MODEL LTD ODOMETER 004725 NO.CYL. 8 CID 351

CARB.VENT. 2 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.60	-0155	+10	+00	1	1	1	0	2	1
FROM STATION	00.60	-0155	+10	+00	1	1	1	0	2	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0150	0075	00.20	01.30	1	001.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0150	0075	00.20	01.30	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0482 DATE 10/01/73 DRY 70 WET 54 PRES 24.74

	CT	CS	HT	1975
HC	06.29	04.48	03.99	04.72
CO	0134.7	0078.8	0079.1	0090.6
CO2	0659.0	0661.5	0537.5	0626.6
NOX	02.09	01.92	02.00	01.98

	IDLE	LO CR	HI CR	2500	
HC	02763	03507	03176		
LHC	0354	0508	0451		
CO	00.62	02.18	02.16		
NOX	0184	1826	1154		
HCSUN	0140	0220	0165	0110	
COSUN	00.70	02.20	02.10	03.10	

MPG 11.36

TEST NO.C0482 DATE 10/01/73 DRY 70 WET 54 PRES 24.74

	CT	CS	HT	1975
HC	06.29	04.48	03.99	04.72
CO	0134.7	0078.8	0079.1	0090.6
CO2	0659.0	0661.6	0537.5	0626.6
NOX	02.09	01.92	02.00	01.98

	IDLE	LO CR	HI CR	2500	
HC	02763	03607	03176		
LHC	0354	0508	0451		
CO	00.62	02.18	02.16		
NOX	0184	1826	1154		
HCSUN	0140	0220	0165	0110	
COSUN	00.70	02.20	02.10	03.10	

MPG 11.36

VEH.NO. 188 TEST SEQ. 6 YEAR 71 MAKE MERCURY MODEL COUG ODOMETER 017215 NO.CYL. 8 CID 351

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.50	+0025	+00	+02	1	1	1	0	2	0
FROM STATION	02.50	+0025	+00	+02	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0210	0105	01.50	00.30	1	000.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0210	0105	01.50	00.30	1	

ADDL RPRS 004.00 EST 000.00

TEST NO.C0483 DATE 10/01/73 DRY 70 WET 54 PRES 24.74

	CT	CS	HT	1975
HC	08.74	04.74	04.91	05.63
CO	0084.1	0054.4	0048.6	0059.0
CO2	0591.4	0611.4	0537.3	0586.6
NOX	05.33	04.84	06.06	05.28

	IDLE	LO CR	HI CR	2500	
HC	03826	03461	03091		
LHC	0449	0426	0372		
CO	02.60	00.36	00.83		
NOX	0177	2923	3008		
HCSUN	0250	0180	0130	0080	
COSUN	02.60	00.30	00.75	00.50	

MPG 12.78

TEST NO.C0483 DATE 10/01/73 DRY 70 WET 54 PRES 24.74

	CT	CS	HT	1975
HC	08.74	04.74	04.91	05.63
CO	0084.1	0054.4	0048.6	0059.0
CO2	0591.4	0611.4	0537.3	0586.6
NOX	05.33	04.84	06.06	05.28

	IDLE	LO CR	HI CR	2500	
HC	03826	03461	03091		
LHC	0449	0426	0372		
CO	02.60	00.36	00.83		
NOX	0177	2923	3008		
HCSUN	0250	0180	0130	0080	
COSUN	02.60	00.30	00.75	00.50	

MPG 12.78

VEH.NO. 189 TEST SEQ. 1 YEAR 71 MAKE DODGE MODEL DART ODOMETER 011156 NO.CYL. 6 CID 225

CARB.VENT. 1 TRANS. 1 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	10.28	-0255	+03	-02	2	2	1	0	2	0
FROM STATION	01.32	-0100	+03	-06	2	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	1440	0400	20.00	05.00	4	000.00
AFT.RPM.ADJ	1050	0400	20.00	05.00	4	000.00
AFT.TI ADJ1	0300	0290	01.50	03.00	1	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0300	0290	01.50	03.20	1	

ADDL RPRS 012.00 EST 000.00

TEST NO.C0484 DATE 10/01/73 DRY 70 WET 54 PRES 24.74

	CT	CS	HT	1975
HC	18.31	21.14	14.21	18.62
CO	0209.2	0232.9	0194.6	0217.3
CO2	0326.9	0280.0	0273.2	0287.9
NOX	01.14	00.59	00.89	00.79

	IDLE	LO CR	HI CR	2500
HC	31256	07209	05859	
LHC	2500	0991	0714	
CO	12.81	09.18	07.36	
NOX	0010	0239	0483	
HCSUN	2500	0630	0440	0610
COSUN	20.00	08.60	06.50	09.00

MPG 12.94

TEST NO.C0512 DATE 10/02/73 DRY 72 WET 54 PRES 24.61

	CT	CS	HT	1975
HC	10.58	07.39	06.54	07.82
CO	0203.7	0161.6	0163.2	0170.9
CO2	0353.9	0326.3	0303.3	0325.7
NOX	01.23	00.91	01.16	01.05

	IDLE	LO CR	HI CR	2500
HC	05467	06005	07371	
LHC	0727	0761	0887	
CO	01.52	07.82	13.30	
NOX	0450	0395	0091	
HCSUN	0470	0510	0580	0560
COSUN	01.60	08.30	20.00	07.40

MPG 14.39

VEH.NO. 190 TEST SEQ. 1 YEAR 73 MAKE PLYMOUTH MODEL DUST ODOMETER 008056 NO.CYL. 6 CID 225

CARB.VENT. 1 TRANS. 1 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.60	+0030	+01	+00	1	2	1	1	2	1
FROM STATION	00.60	+0030	+01	+00	1	2	1	1	2	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0090	0060	00.70	00.30	1	000.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0090	0060	00.70	00.30	1	

ADDL RPRS 004.00 EST 000.00

TEST NO.C0498 DATE 10/02/73 DRY 69 WET 54 PRES 24.67

	CT	CS	HT	1975
HC	05.02	02.90	03.89	03.62
CO	0096.3	0033.7	0049.6	0051.2
CO2	0420.3	0458.6	0402.0	0434.9
NOX	02.52	03.21	03.17	03.05

	IDLE	LO CR	HI CR	2500	
HC	02747	02723	03908		
LHC	0340	0412	0543		
CO	00.72	00.19	06.19		
NOX	0299	2095	0601		
HCSUN	0170	0165	0280	0095	
COSUN	00.60	00.18	06.20	00.25	

MPG 16.91

TEST NO.C0498 DATE 10/02/73 DRY 69 WET 54 PRES 24.67

	CT	CS	HT	1975
HC	05.02	02.90	03.89	03.62
CO	0096.3	0033.7	0049.6	0051.2
CO2	0420.3	0458.6	0402.0	0434.9
NOX	02.52	03.21	03.17	03.05

	IDLE	LO CR	HI CR	2500	
HC	02747	02723	03908		
LHC	0340	0412	0543		
CO	00.72	00.19	06.19		
NOX	0299	2095	0601		
HCSUN	0170	0165	0280	0095	
COSUN	00.60	00.18	06.20	00.25	

MPG 16.91

VEH.NO. 191 TEST SEQ. 1 YEAR 67 MAKE CHEVROLET MODEL CHE2 ODOMETER 022266 NO.CYL. 6 CID 194

CARB.VENT. 1 TRANS. 3 WEIGHT 3000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.70	+0050	-02	+00	1	1	1	0	2	0
FROM STATION	07.20	+0140	+00	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	1500	0520	20.00	03.00	4	004.50
AFT.RPM.ADJ	0520	0420	07.40	03.80	3	001.00
AFT.TI ADJ1	0560	0360	06.80	03.20	1	001.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0560	0360	06.80	03.20	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0499 DATE 10/02/73 DRY 69 WET 54 PRES 24.67

	CT	CS	HT	1975
HC	19.08	14.67	11.88	14.82
CO	0128.2	0162.5	0102.8	0138.8
CO2	0318.4	0282.3	0289.3	0291.8
NOX	01.84	00.81	02.02	01.36

	IDLE	LO CR	HI CR	2500	
HC	06564	04482	05427		
LHC	0648	0607	0694		
CO	07.54	03.96	08.93		
NOX	0041	0703	0203		
HCSUN	0500	0420	0475	0720	
COSUN	06.90	04.00	08.10	06.60	

MPG 16.00

TEST NO.C0527 DATE 10/03/73 DRY 69 WET 56 PRES 24.81

	CT	CS	HT	1975
HC	19.26	14.13	11.02	14.34
CO	0146.0	0170.3	0119.7	0151.2
CO2	0329.8	0311.8	0276.3	0305.7
NOX	01.81	01.14	01.50	01.38

	IDLE	LO CR	HI CR	2500	
HC	06389	04656	05366		
LHC	0776	0760	0842		
CO	08.11	02.79	09.15		
NOX	0050	1606	0178		
HCSUN	0320	0300	0330	0285	
COSUN	07.60	03.00	02.40	04.10	

MPG 15.13

VEH.NO. 192 TEST SEQ. 1 YEAR 66 MAKE CHEVROLET MODEL CHEV ODOMETER 046973 NO.CYL. 6 CID 230

CARB.VENT. 1 TRANS. 1 WEIGHT 3500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	OWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.00	+0085	+02	+00	1	2	1	0	2	0
FROM STATION	01.60	+0045	+00	+00	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0450	0240	07.00	03.40	3	002.50
AFT.RPM.ADJ	0440	0240	08.00	03.20	3	002.00
AFT.TI ADJ1	0340	0250	04.60	03.20	1	003.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0340	0250	04.60	03.20	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0497 DATE 10/02/73 DRY 69 WET 54 PRES 24.67

	CT	CS	HT	1975
HC	09.60	07.77	06.53	07.81
CO	0131.4	0116.0	0093.6	0113.0
CO2	0366.7	0335.8	0315.6	0336.7
NOX	02.47	01.68	02.84	02.17

	IDLE	LO CR	HI CR	2500	
HC	06803	04049	04612		
LHC	0862	0496	0546		
CO	06.18	00.89	05.54		
NOX	0051	2486	0876		
HCSUN	0480	0320	0365	0270	
COSUN	04.00	00.80	05.30	01.60	

MPG 16.53

TEST NO.C0528 DATE 10/03/73 DRY 69 WET 57 PRES 24.85

	CT	CS	HT	1975
HC	11.93	09.08	06.85	09.06
CO	0151.0	0117.1	0102.2	0120.0
CO2	0359.2	0331.4	0328.3	0336.3
NOX	02.24	01.73	02.86	02.15

	IDLE	LO CR	HI CR	2500	
HC	05177	04102	05573		
LHC	1049	0796	0883		
CO	02.89	00.46	08.61		
NOX	0052	2459	0314		
HCSUN	0180	0235	0330	0160	
COSUN	01.70	00.55	09.00	01.30	

MPG 16.09

VEH.NO. 193 TEST SEQ. 2 YEAR 69 MAKE FORD MODEL FAIR ODOMETER 054596 NO.CYL. 8 CID 302

CARB.VENT. 2 TRANS. 3 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.10	+0090	+04	+00	1	1	1	0	2	0
FROM STATION	01.60	-0110	-07	+01	1	1	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0420	0300	04.10	05.20	4	002.50
AFT.RPM.ADJ	0300	0220	05.10	02.10	3	002.50
AFT.TI ADJ1	0200	0200	01.40	01.40	1	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0200	0200	01.40	01.40	1	

ADDL RPRS 010.00 EST 000.00

TEST NO.C0481 DATE 10/01/73 DRY 71 WET 54 PRES 24.74

	CT	CS	HT	1975
HC	09.64	07.12	06.11	07.37
CO	0075.2	0089.3	0049.5	0075.3
CO2	0444.6	0480.9	0412.5	0454.3
NOX	04.41	03.28	04.71	03.91

	IDLE	LO CR	HI CR	2500	
HC	03400	04378	04199		
LHC	0346	0602	0538		
CO	03.38	00.82	00.90		
NOX	0078	2386	3346		
HCSUN	0150	0300	0240	0130	
COSUN	03.10	00.80	00.70	01.60	

MPG 14.95

TEST NO.C0507 DATE 10/02/73 DRY 78 WET 53 PRES 24.63

	CT	CS	HT	1975
HC	08.51	05.14	06.05	06.10
CO	0074.4	0057.8	0058.1	0061.4
CO2	0400.4	0444.8	0346.5	0408.3
NOX	03.17	02.38	03.07	02.74

	IDLE	LO CR	HI CR	2500	
HC	02145	04114	03978		
LHC	0318	0596	0613		
CO	00.18	00.97	00.45		
NOX	0078	2170	3570		
HCSUN	0160	0355	0350	0190	
COSUN	00.25	01.10	00.49	01.25	

MPG 17.00

VEH.NO. 194 TEST SEQ. 3 YEAR 68 MAKE CHEVROLET MODEL IMPA ODOMETER 054000 NO.CYL. 8 CID 327

CARB.VENT. 4 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	07.50	-0020	+07	+00	1	1	1	0	2	0
FROM STATION	03.30	+0020	+01	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0640	0760	06.40	20.00	4	005.50
AFT.RPM.ADJ	0420	0700	06.00	20.00	4	003.30
AFT.TI ADJ1	0230	0600	01.00	09.90	4	003.30
AFT.TI ADJ2	0220	0580	01.00	10.00	4	003.30
FINAL	0150	0170	01.80	03.90	1	

ADDL RPRS 035.97 EST 000.00

TEST NO.C0496 DATE 10/02/73 DRY 75 WET 55 PRES 24.67

	CT	CS	HT	1975
HC	19.68	13.21	11.56	14.10
CO	0314.1	0312.3	0262.0	0298.7
CO2	0393.2	0397.8	0336.2	0379.8
NOX	00.57	00.32	00.44	00.41

	IDLE	LO CR	HI CR	2500	
HC	06912	06311	06050		
LHC	0681	0819	0789		
CO	07.95	10.68	10.90		
NOX	0053	0129	0156		
HCSUN	0560	0530	0585	0530	
COSUN	07.60	09.60	20.00	09.80	

MPG 09.97

TEST NO.C0566 DATE 10/08/73 DRY 72 WET 48 PRES 24.45

	CT	CS	HT	1975
HC	11.83	06.22	06.03	07.34
CO	0176.6	0119.8	0105.7	0127.8
CO2	0430.4	0464.3	0399.4	0439.2
NOX	02.13	01.40	02.28	01.80

	IDLE	LO CR	HI CR	2500	
HC	04839	04556	03862		
LHC	0742	0809	0691		
CO	03.70	04.41	02.36		
NOX	0100	0841	2156		
HCSUN	0310	0355	0250	0260	
COSUN	03.50	03.90	02.20	04.20	

MPG 13.43

VEH.NO. 195 TEST SEQ. 3 YEAR 73 MAKE CHEVROLET MODEL CHEV ODOMETER 006886 NO.CYL. 8 CID 350

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.90	+0140	+04	+00	1	1	1	1	2	1
FROM STATION	00.07	+0200	+04	+00	1	1	1	1	2	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0420	0400	04.10	04.20	4	002.50
AFT.RPM.ADJ	0420	0430	04.20	04.30	4	002.50
AFT.TI ADJ1	0200	0200	01.10	01.10	1	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0200	0200	01.10	01.10	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0514 DATE 10/03/73 DRY 71 WET 55 PRES 24.71

	CT	CS	HT	1975
HC	05.76	03.54	03.59	04.02
CO	0105.1	0053.5	0055.2	0064.8
CO2	0593.7	0619.9	0525.7	0588.3
NOX	01.74	01.59	02.00	01.74

	IDLE	LO CR	HI CR	2500	
HC	03783	02164	03034		
LHC	0522	0395	0458		
CO	04.02	00.20	03.93		
NOX	0062	0861	0462		
HCSUN	0215	0100	0145	0060	
COSUN	03.00	00.18	03.20	00.23	

MPG 12.67

TEST NO.C0540 DATE 10/04/73 DRY 72 WET 52 PRES 24.88

	CT	CS	HT	1975
HC	05.60	03.09	03.36	03.69
CO	0070.4	0014.3	0031.1	0030.7
CO2	0637.6	0623.9	0519.8	0597.9
NOX	02.35	01.73	02.02	01.94

	IDLE	LO CR	HI CR	2500	
HC	03867	02313	02241		
LHC	1025	0742	0655		
CO	00.13	00.15	01.72		
NOX	0104	0802	1308		
HCSUN	0190	0110	0100	0080	
COSUN	00.10	00.16	01.50	00.16	

MPG 13.54

VEH.NO. 196 TEST SEQ. 3 YEAR 71 MAKE CHEVROLET MODEL CAPR ODOMETER 036250 NO.CYL. 8 CID 400

CARB.VENT. 2 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.45	+0290	+04	+00	1	1	1	0	2	0
FROM STATION	00.45	+0290	+04	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0120	0070	00.80	01.70	1	003.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0120	0070	00.80	01.70	1	

ADDL PRRS 000.00 EST 000.00

TEST NO.C0513 DATE 10/03/73 DRY 75 WET 55 PRES 24.71

	CT	CS	HT	1975
HC	06.35	04.48	04.44	04.86
CO	0083.0	0035.2	0051.0	0049.6
CO2	0689.6	0700.6	0624.1	0677.1
NOX	06.29	05.03	06.57	05.72

	IDLE	LO CR	HI CR	2500	
HC	02890	02873	03035		
LHC	0350	0359	0373		
CO	00.41	00.52	01.60		
NOX	0416	2584	2323		
HCSUN	0210	0160	0160	0075	
COSUN	00.45	00.50	01.70	01.60	

MPG 11.56

TEST NO.C0513 DATE 10/03/73 DRY 75 WET 55 PRES 24.71

	CT	CS	HT	1975
HC	06.35	04.48	04.44	04.86
CO	0083.0	0035.2	0051.0	0049.6
CO2	0689.6	0700.6	0624.1	0677.1
NOX	06.29	05.03	06.57	05.72

	IDLE	LO CR	HI CR	2500	
HC	02890	02873	03035		
LHC	0350	0359	0373		
CO	00.41	00.52	01.60		
NOX	0416	2584	2323		
HCSUN	0210	0160	0160	0075	
COSUN	00.45	00.50	01.70	01.60	

MPG 11.56

VEH.NO. 197 TEST SEQ. 1 YEAR 72 MAKE FORD MODEL PINT ODOMETER 011175 NO.CYL. 4 CID 122

CARB.VENT. 2 TRANS. 1 WEIGHT 2250 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.10	+0310	+00	-04	1	1	1	0	2	0
FROM STATION	06.10	+0310	+00	-04	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0160	0170	01.60	01.00	1	001.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0160	0170	01.60	01.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0530 DATE 10/04/73 DRY 69 WET 54 PRES 24.94

	CT	CS	HT	1975
HC	05.76	04.73	05.93	05.28
CO	0104.2	0071.5	0078.3	0080.2
CO2	0322.6	0321.2	0304.5	0316.8
NOX	03.08	02.85	03.33	03.03

	IDLE	LO CR	HI CR	2500
HC	04686	04517	05152	
LHC	0769	0769	0831	
CO	06.81	01.74	07.85	
NOX	0086	2068	0717	
HCSUN	0260	0250	0300	0250
COSUN	06.10	01.50	07.10	05.00

MPG 19.38

TEST NO.C0530 DATE 10/04/73 DRY 69 WET 54 PRES 24.94

	CT	CS	HT	1975
HC	05.76	04.73	05.93	05.28
CO	0104.2	0071.5	0078.3	0080.2
CO2	0322.6	0321.2	0304.5	0316.8
NOX	03.08	02.85	03.33	03.03

	IDLE	LO CR	HI CR	2500
HC	04686	04517	05152	
LHC	0769	0769	0831	
CO	06.81	01.74	07.85	
NOX	0086	2068	0717	
HCSUN	0260	0250	0300	0250
COSUN	06.10	01.50	07.10	05.00

MPG 19.38

VEH.NO. 198 TEST SEQ. 2 YEAR 66 MAKE CHEVROLET MODEL IMPA ODOMETER 083297 NO.CYL. 8 CID 283

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	09.50	-0020	+10	+03	1	1	1	0	2	0
FROM STATION	07.20	+0050	+10	+00	1	1	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	2500	2500	08.00	04.80	4	000.00
AFT.RPM.ADJ	2500	2500	08.00	04.80	2	000.00
AFT.TI ADJ1	2500	2500	05.80	02.90	2	000.00
AFT.TI ADJ2	1600	0900	05.90	04.60	2	000.00
FINAL	1600	0900	05.90	04.60	2	

ADDL RPRS 017.85 EST 150.00

TEST NO.C0517 DATE 10/03/73 DRY 69 WET 54 PRES 24.71

	CT	CS	HT	1975
HC	44.16	45.79	33.74	42.11
CO	0181.7	0207.8	0172.4	0192.5
CO2	0505.8	0380.2	0394.8	0410.5
NOX	04.03	01.17	02.57	02.16

	IDLE	LO CR	HI CR	2500	
HC	21814	13717	15624		
LHC	2500	2500	2500		
CO	10.98	04.82	07.04		
NOX	0016	0824	0718		
HCSUN	2500	2500	2500	2500	
COSUN	09.60	04.80	06.50	07.90	

MPG 10.52

TEST NO.C0541 DATE 10/04/73 DRY 72 WET 52 PRES 24.87

	CT	CS	HT	1975
HC	14.44	11.40	09.84	11.61
CO	0167.8	0163.9	0158.3	0163.1
CO2	0460.4	0412.0	0400.7	0419.0
NOX	03.51	01.77	02.71	02.40

	IDLE	LO CR	HI CR	2500	
HC	12268	05997	05061		
LHC	2003	1187	1023		
CO	08.13	06.23	04.39		
NOX	0046	0687	1845		
HCSUN	1200	0540	0400	0580	
COSUN	07.40	06.20	04.40	06.70	

MPG 12.51

VEH.NO. 199 TEST SEQ. 1 YEAR 67 MAKE VOLKSWAGON MODEL SEDA ODOMETER 068155 NO.CYL. 4 CID 091

CARB.VENT. 1 TRANS. 4 WEIGHT 2000 EXH.CON. 2 EVAP.CON. 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.30	+0260	+12	+00	0	1	1	0	1	0
FROM STATION	03.56	+0230	+02	+00	0	1	2	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	1550	0550	08.20	03.20	4	005.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	1175	0550	05.40	02.50	2	001.00
AFT.TI ADJ2	0550	0180	04.20	02.50	1	000.00
FINAL	0550	0180	04.20	02.50	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0518 DATE 10/03/73 DRY 7C WET 55 PRES 24.77

	CT	CS	HT	1975
HC	06.96	08.90	05.45	07.54
CO	0079.0	0089.3	0068.9	0081.5
CO2	0253.2	0246.2	0228.3	0242.7
NOX	04.38	02.56	03.61	03.23

	IDLE	LO CR	HI CR	2500	
HC	15226	04881	03979		
LHC	1941	0552	0479		
CO	08.62	03.95	03.84		
NOX	0026	1782	3382		
HCSUN	1050	0235	0180	0750	
COSUN	06.40	04.10	04.00	04.70	

MPG 22.58

TEST NO.C0542 DATE 10/04/73 DRY 72 WET 52 PRES 24.88

	CT	CS	HT	1975
HC	05.79	04.79	04.25	04.85
CO	0075.3	0078.8	0065.5	0074.4
CO2	0252.5	0251.1	0216.8	0241.9
NOX	01.79	00.93	01.30	01.21

	IDLE	LO CR	HI CR	2500	
HC	05765	03071	02446		
LHC	0945	0781	0758		
CO	04.58	04.19	03.42		
NOX	0056	0633	1962		
HCSUN	0260	0180	0140	0175	
COSUN	03.90	04.00	03.20	03.80	

MPG 23.81

VEH.NO. 200 TEST SEQ. 7 YEAR 72 MAKE CHEVROLET MODEL NOVA ODOMETER 015710 NO.CYL. 8 CID 307

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.75	+0080	+02	+03	2	1	1	0	1	0
FROM STATION	01.37	+0050	-01	+00	2	1	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0720	0240	04.60	01.00	4	005.50
AFT.RPM.ADJ	0700	0240	04.40	01.00	4	003.30
AFT.TI ADJ1	0800	0140	00.80	00.50	4	003.30
AFT.TI ADJ2	0300	0120	00.70	01.30	1	003.30
FINAL	0300	0120	00.70	01.30	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0531 DATE 10/04/73 DRY 70 WET 54 PRES 24.94

	CT	CS	HT	1975
HC	09.90	07.78	06.94	07.99
CO	0160.4	0117.7	0109.4	0124.3
CO2	0498.3	0516.5	0447.1	0493.5
NOX	01.64	01.61	01.76	01.66

	IDLE	LO CR	HI CR	2500	
HC	06233	04756	05561		
LHC	1231	0891	1001		
CO	06.45	01.47	04.12		
NOX	0082	1133	0839		
HCSUN	0570	0270	0420	0160	
COSUN	05.80	01.30	03.60	01.30	

MPG 12.47

TEST NO.C0555 DATE 10/05/73 DRY 70 WET 53 PRES 24.68

	CT	CS	HT	1975
HC	08.94	05.35	06.20	06.33
CO	0156.3	0061.9	0095.3	0090.9
CO2	0515.9	0580.8	0475.6	0538.0
NOX	01.13	01.64	01.53	01.50

	IDLE	LO CR	HI CR	2500	
HC	04388	03891	05988		
LHC	0816	0708	0996		
CO	01.52	01.18	09.78		
NOX	0159	0767	0139		
HCSUN	0340	0210	0410	0105	
COSUN	01.50	01.00	09.00	02.00	

MPG 12.71

VEH.NO. 201 TEST SEQ. 1 YEAR 73 MAKE FORD MODEL PINT ODOMETER 010729 NO.CYL. 4 CID 122

CARB.VENT. 1 TRANS. 1 WEIGHT 2500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	10.40	-0140	+06	-02	0	2	1	0	2	0
FROM STATION	03.20	-0050	+00	+00	0	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0350	0270	09.80	20.00	4	002.50
AFT.RPM.ADJ	0270	0290	08.80	20.00	3	002.00
AFT.TI ADJ1	0090	0240	00.20	09.00	3	003.00
AFT.TI ADJ2	0170	0250	02.80	08.60	3	000.00
FINAL	0100	0210	00.20	08.00	3	

ADDL RPRS 021.90 EST 040.00

TEST NO.C0532 DATE 10/04/73 DRY 70 WET 54 PRES 24.94

	CT	CS	HT	1975
HC	11.10	12.22	06.79	10.48
CO	0176.7	0185.7	0122.0	0166.1
CO2	0299.3	0249.5	0255.2	0261.5
NOX	01.14	00.65	01.31	00.94

	IDLE	LO CR	HI CR	2500	
HC	12725	04926	04312		
LHC	1363	0933	0805		
CO	11.57	07.10	06.95		
NOX	0013	0363	0420		
HCSUN	0630	0320	0235	0520	
COSUN	20.00	06.20	06.20	20.00	

MPG 16.03

TEST NO.C0556 DATE 10/05/73 DRY 72 WET 52 PRES 24.65

	CT	CS	HT	1975
HC	09.96	05.55	04.12	06.08
CO	0176.8	0149.3	0114.9	0145.5
CO2	0307.2	0288.5	0277.5	0289.3
NOX	01.12	00.87	01.21	01.02

	IDLE	LO CR	HI CR	2500	
HC	04135	05253	04081		
LHC	0653	0834	0690		
CO	03.51	09.43	05.83		
NOX	0065	0133	0735		
HCSUN	0230	0390	0250	0360	
COSUN	03.20	09.10	01.50	20.00	

MPG 16.58

VEH.NO. 202 TEST SEQ. 1 YEAR 73 MAKE DATSUN MODEL 1200 ODOMETER 000519 NO.CYL. 4 CID 071

CARB.VENT. 1 TRANS. 4 WEIGHT 2000 EXH.CON. 1 EVAP.CON. 1 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.13	-0050	+05	-09	0	1	1	0	2	2
FROM STATION	00.13	-0050	+05	-09	0	1	1	0	2	2

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0280	0100	00.20	01.60	1	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0280	0100	00.20	01.60	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0533 DATE 10/04/73 DRY 71 WET 54 PRES 24.94

	CT	CS	HT	1975
HC	03.46	02.56	04.15	03.19
CO	0058.3	0028.7	0031.2	0035.6
CO2	0274.2	0315.8	0247.9	0288.2
NOX	01.79	01.44	02.00	01.67

	IDLE	LO CR	HI CR	2500	
HC	03955	02580	03404		
LHC	0750	0533	0628		
CO	00.17	00.59	03.25		
NOX	0079	1229	1410		
HCSUN	0220	0100	0170	0140	
COSUN	00.13	00.50	03.30	03.20	

MPG 25.14

TEST NO.C0533 DATE 10/04/73 DRY 71 WET 54 PRES 24.94

	CT	CS	HT	1975
HC	03.46	02.56	04.15	03.19
CO	0058.3	0028.7	0031.2	0035.6
CO2	0274.2	0315.8	0247.9	0288.2
NOX	01.79	01.44	02.00	01.67

	IDLE	LO CR	HI CR	2500	
HC	03955	02580	03404		
LHC	0750	0533	0628		
CO	00.17	00.59	03.25		
NOX	0079	1229	1410		
HCSUN	0220	0100	0170	0140	
COSUN	00.13	00.50	03.30	03.20	

MPG 25.14

VEH.NO. 203 TEST SEQ. 1 YEAR 73 MAKE CHRYSLER MODEL NEWP ODOMETER 059407 NO.CYL. 8 CID 400

CARB.VENT. 2 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.40	-0160	-05	+00	1	1	1	0	2	1
FROM STATION	03.10	-0260	+00	+00	1	1	1	0	2	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0500	0100	04.50	05.00	4	000.00
AFT.RPM.ADJ	0300	0100	04.70	05.00	3	000.00
AFT.TI ADJ1	0225	0100	04.20	05.80	3	000.00
AFT.TI ADJ2	0250	0130	04.00	04.60	3	012.00
FINAL	0190	0220	01.50	02.80	1	

ADDL RPRS 021.45 EST 000.00

TEST NO.C0529 DATE 10/04/73 DRY 75 WET 55 PRES 24.94

	CT	CS	HT	1975
HC	17.07	12.05	09.53	12.40
CO	0231.4	0204.9	0154.8	0196.6
CO2	0562.3	0617.2	0534.0	0582.6
NOX	01.36	01.03	01.58	01.26

	IDLE	LO CR	HI CR	2500
HC	07517	04214	04596	
LHC	1110	0725	0734	
CO	07.51	01.34	03.42	
NOX	0034	1273	1259	
HCSUN	0470	0170	0155	0090
COSUN	06.50	01.20	02.80	01.70

MPG 09.57

TEST NO.C0545 DATE 10/05/73 DRY 71 WET 55 PRES 24.84

	CT	CS	HT	1975
HC	12.87	05.66	06.53	07.44
CO	0192.7	0091.5	0129.0	0123.1
CO2	0628.4	0745.4	0579.6	0674.9
NOX	01.79	01.64	01.57	01.68

	IDLE	LO CR	HI CR	2500
HC	05011	03383	03953	
LHC	0713	0603	0631	
CO	03.27	00.66	04.53	
NOX	0052	1002	0690	
HCSUN	0280	0170	0180	0085
COSUN	03.20	00.65	04.20	01.65

MPG 09.99

VEH.NO. 204 TEST SEQ. 3 YEAR 70 MAKE FORD MODEL GALA ODOMETER 020723 NO.CYL. 8 CID 390

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.59	-0200	+01	+03	1	1	1	1	2	0
FROM STATION	00.59	-0200	+01	+03	1	1	1	1	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0190	0150	00.90	02.90	1	004.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0190	0150	00.90	02.90	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0543 DATE 10/05/73 DRY 71 WET 56 PRES 24.83

	CT	CS	HT	1975
HC	08.75	04.28	04.64	05.32
CO	0153.8	0065.0	0070.5	0085.1
CO2	0623.6	0657.6	0569.2	0625.9
NOX	04.83	03.86	05.42	04.50

	IDLE	LO CR	HI CR	2500	
HC	02394	03482	03250		
LHC	0908	0751	0699		
CO	01.01	02.49	02.89		
NOX	0339	2377	2544		
HCSUN	0155	0230	0170	0095	
COSUN	00.70	02.30	02.60	03.10	

MPG 11.47

TEST NO.C0543 DATE 10/05/73 DRY 71 WET 56 PRES 24.83

	CT	CS	HT	1975
HC	08.75	04.28	04.64	05.32
CO	0153.8	0065.0	0070.5	0085.1
CO2	0623.6	0657.6	0569.2	0625.9
NOX	04.83	03.86	05.42	04.50

	IDLE	LO CR	HI CR	2500	
HC	02394	03482	03250		
LHC	0908	0751	0699		
CO	01.01	02.49	02.89		
NOX	0339	2377	2544		
HCSUN	0155	0230	0170	0095	
COSUN	00.70	02.30	02.60	03.10	

MPG 11.47

VEH.NO. 205 TEST SEQ. 3 YEAR 69 MAKE CHEVROLET MODEL STAW ODOMETER 093878 NO.CYL. 8 CID 350

CARB.VENT. 4 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.90	+0000	-02	+00	1	2	1	0	?	?
FROM STATION	00.65	+0000	-02	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0700	0300	05.80	02.60	4	000.00
AFT.RPM.ADJ	0300	0180	01.00	01.20	1	000.00
AFT.TI ADJ1	0300	0180	01.00	01.20	1	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0300	0180	01.00	01.20	1	

ADDL PRS 010.87 EST 000.00

TEST NO.C0544 DATE 10/05/73 DRY 71 WET 56 PRES 24.84

	CT	CS	HT	1975
HC	06.79	05.92	04.76	05.78
CO	0101.0	0095.4	0050.1	0078.9
CO2	0591.5	0584.9	0524.0	0569.4
NOX	04.67	03.04	04.95	03.91

	IDLE	LO CR	HI CR	2500	
HC	04646	03831	03285		
LHC	0853	0752	0665		
CO	04.40	01.56	00.39		
NOX	0105	1418	2807		
HCSUN	0350	0260	0180	0120	
COSUN	03.80	01.40	00.38	02.20	

MPG 12.52

TEST NO.C0568 DATE 10/08/73 DRY 74 WET 48 PRES 24.43

	CT	CS	HT	1975
HC	07.16	04.73	05.57	05.47
CO	0122.9	0051.3	0077.1	0073.5
CO2	0574.3	0582.2	0534.9	0567.4
NOX	03.66	02.70	03.93	03.24

	IDLE	LO CR	HI CR	2500	
HC	03769	04025	03251		
LHC	0729	0761	0679		
CO	00.81	02.12	00.52		
NOX	0192	1340	3167		
HCSUN	0285	0265	0185	0115	
COSUN	00.70	01.80	00.60	02.40	

MPG 12.72

VEH.NO. 206 TEST SEQ. 1 YEAR 65 MAKE CADILLAC MODEL FLEE ODOMETER 053146 NO.CYL. 8 CID 429

CARB.VENT. 4 TRANS. 1 WEIGHT 5500 EXH.CON. 2 EVAP.CON. ? PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.30	-0420	+00	+00	1	1	1	0	?	?
FROM STATION	06.30	-0420	+00	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0620	0300	05.60	04.40	1	003.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0620	0300	05.60	04.40	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0548 DATE 10/05/73 DRY 71 WET 55 PRES 24.84

	CT	CS	HT	1975
HC	15.66	14.97	09.79	13.67
CO	0211.0	0172.2	0139.8	0171.3
CO2	0646.8	0555.8	0511.6	0562.6
NOX	04.28	02.70	03.62	03.29

	IDLE	LO CR	HI CR	2500	
HC	11533	04733	04078		
LHC	1289	0823	0724		
CO	07.03	04.48	04.92		
NOX	0035	1086	1122		
HCSUN	0170	0340	0260	0270	
COSUN	06.50	04.30	04.70	04.70	

MPG 10.18

TEST NO.C0548 DATE 10/05/73 DRY 71 WET 55 PRES 24.84

	CT	CS	HT	1975
HC	15.66	14.97	09.79	13.67
CO	0211.0	0172.2	0139.8	0171.3
CO2	0646.8	0555.8	0511.6	0562.6
NOX	04.28	02.70	03.62	03.29

	IDLE	LO CR	HI CR	2500	
HC	11533	04733	04078		
LHC	1289	0823	0724		
CO	07.03	04.48	04.92		
NOX	0035	1086	1122		
HCSUN	0170	0340	0260	0270	
COSUN	06.50	04.30	04.70	04.70	

MPG 10.18

VEH.NO. 207 TEST SEQ. 1 YEAR 72 MAKE VOLKSWAGON MODEL SQBK ODOMETER 011511 NO.CYL. 4 CID 097

CARB.VENT. 0 TRANS. 4 WEIGHT 2500 EXH.CON. 1 EVAP.CON. 1 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.90	+0160	+05	-01	0	1	0	0	2	0
FROM STATION	02.90	+0160	+05	-01	0	1	0	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0080	0055	01.00	01.10	1	005.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0080	0055	01.00	01.10	1	

ADDL PRRS 000.00 EST 000.00

TEST NO.C0557 DATE 10/08/73 DRY 69 WET 49 PRES 24.46

	CT	CS	HT	1975
HC	06.50	05.27	03.70	05.09
CO	0042.3	0040.1	0021.6	0035.4
CO2	0346.2	0377.2	0319.4	0354.7
NOX	05.20	03.25	04.63	04.04

	IDLE	LO CR	HI CR	2500	
HC	02964	00999	01319		
LHC	0445	0433	0465		
CO	03.03	00.20	00.14		
NOX	0099	1083	3501		
HCSUN	0115	0070	0080	0110	
COSUN	02.90	00.08	00.08	02.40	

MPG 20.89

TEST NO.C0557 DATE 10/08/73 DRY 69 WET 49 PRES 24.46

	CT	CS	HT	1975
HC	06.50	05.27	03.70	05.09
CO	0042.3	0040.1	0021.6	0035.4
CO2	0346.2	0377.2	0319.4	0354.7
NOX	05.20	03.25	04.53	04.04

	IDLE	LO CR	HI CR	2500	
HC	02964	00999	01319		
LHC	0445	0433	0465		
CO	03.03	00.20	00.14		
NOX	0099	1083	3501		
HCSUN	0115	0070	0080	0110	
COSUN	02.90	00.08	00.08	02.40	

MPG 20.89

VEH.NO. 208 TEST SEQ. 1 YEAR 71 MAKE DATSUN MODEL 510 ODOMETER 027615 NO.CYL. 4 CID 097

CARB.VENT. 1 TRANS. 4 WEIGHT 2000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.50	-0200	-04	-07	0	2	1	0	2	0
FROM STATION	02.45	+0000	-05	-03	0	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0160	0150	05.80	01.80	4	005.50
AFT.RPM.ADJ	0130	0110	01.80	02.10	4	005.50
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0130	0110	01.80	02.10	1	

ADDL PRRS 000.00 EST 000.00

TEST NO.C0558 DATE 10/08/73 DRY 69 WET 49 PRES 24.45

	CT	CS	HT	1975
HC	04.28	04.65	03.94	04.37
CO	0036.2	0047.7	0036.8	0042.2
CO2	0343.2	0338.4	0282.3	0323.8
NOX	04.83	02.90	04.01	03.61

	IDLE	LO CR	HI CR	2500	
HC	08242	03907	03354		
LHC	0822	0787	0672		
CO	04.78	02.36	01.00		
NOX	0024	2507	3800		
HCSUN	0270	0190	0165	0230	
COSUN	03.50	01.65	00.80	00.65	

MPG 22.04

TEST NO.C0586 DATE 10/09/73 DRY 70 WET 52 PRES 24.39

	CT	CS	HT	1975
HC	08.41	03.26	03.36	04.36
CO	0064.3	0042.0	0042.0	0046.6
CO2	0331.6	0337.2	0285.6	0321.7
NOX	04.06	02.20	03.35	02.91

	IDLE	LO CR	HI CR	2500	
HC	04352	03821	03302		
LHC	0393	0551	0494		
CO	03.31	02.76	01.04		
NOX	0039	2221	4108		
HCSUN	0130	0150	0150	0290	
COSUN	02.50	01.80	00.80	00.70	

MPG 21.79

VEH.NO. 209 TEST SEQ. 1 YEAR 66 MAKE BUICK MODEL ELEC ODOMETER 056428 NO.CYL. 8 CID 401

CARB.VENT. 4 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.20	-0040	-02	+00	1	2	1	0	2	0
FROM STATION	05.50	+0050	+02	+00	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0840	0500	06.10	04.20	4	002.50
AFT.RPM.ADJ	0850	0620	06.20	04.20	4	002.50
AFT.TI ADJ1	0400	0380	03.40	03.20	1	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0400	0380	03.40	03.20	1	

ADDL RPRS 002.50 EST 000.00

TEST NO.C0559 DATE 10/08/73 DRY 74 WET 52 PRES 24.45

	CT	CS	HT	1975
HC	14.95	12.98	09.81	12.51
CO	0175.5	0149.4	0131.0	0149.8
CO2	0527.6	0478.2	0462.2	0484.1
NOX	03.81	02.25	03.32	02.88

	IDLE	LO CR	HI CR	2500	
HC	08196	04977	04650		
LHC	0902	0803	0737		
CO	05.62	03.25	03.88		
NOX	0044	1491	1545		
HCSUN	0580	0365	0295	0275	
COSUN	05.10	03.10	03.10	03.60	

MPG 11.74

TEST NO.C0585 DATE 10/09/73 DRY 71 WET 53 PRES 24.39

	CT	CS	HT	1975
HC	16.71	13.50	10.30	13.29
CO	0178.8	0147.8	0127.3	0148.6
CO2	0572.2	0486.0	0428.3	0488.0
NOX	04.32	02.62	03.35	03.18

	IDLE	LO CR	HI CR	2500	
HC	08582	05244	04809		
LHC	1138	0814	0724		
CO	05.98	03.23	03.46		
NOX	0037	1667	2010		
HCSUN	0610	0370	0310	0335	
COSUN	05.10	03.00	03.20	03.80	

MPG 11.67

VEH.NO. 210 TEST SEQ. 2 YEAR 73 MAKE VOLKSWAGON MODEL SEDA ODOMETER 015868 NO.CYL. 4 CID 097

CARB.VENT. 1 TRANS. 4 WEIGHT 2000 EXH.CON. 1 EVAP.CON. 1 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.70	-0100	+05	+02	0	1	1	0	2	0
FROM STATION	02.55	-0100	+00	+04	0	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0300	0210	06.00	03.20	3	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0180	0140	03.20	02.20	1	005.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0180	0140	03.20	02.20	1	

ADDL PPRS 000.00 EST 000.00

TEST NO.C0571 DATE 10/08/73 DRY 72 WET 49 PRES 24.42

	CT	CS	HT	1975
HC	07.82	06.22	05.39	06.33
CO	0100.4	0095.4	0076.8	0091.3
CO2	0296.7	0293.5	0265.7	0286.5
NOX	03.12	01.79	03.00	02.40

	IDLE	LO CR	HI CR	2500	
HC	05549	03772	02861		
LHC	0798	0743	0716		
CO	07.19	03.25	00.75		
NOX	0066	1371	3834		
HCSUN	0270	0230	0160	0290	
COSUN	07.00	03.20	00.70	05.10	

MPG 19.80

TEST NO.C0592 DATE 10/10/73 DRY 72 WET 53 PRES 24.68

	CT	CS	HT	1975
HC	06.86	05.48	05.31	05.72
CO	0091.1	0081.0	0071.2	0080.4
CO2	0333.7	0335.7	0296.5	0324.4
NOX	04.07	02.53	03.31	03.07

	IDLE	LO CR	HI CR	2500	
HC	03604	03652	02787		
LHC	0293	0378	0326		
CO	02.83	02.98	00.62		
NOX	0081	1621	3921		
HCSUN	0140	0165	0115	0140	
COSUN	02.55	02.50	00.55	02.90	

MPG 19.00

VEH.NO. 211 TEST SEQ. 3 YEAR 70 MAKE PLYMOUTH MODEL FURY ODOMETER 063652 NO.CYL. 8 CID 318

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.80	+0060	+10	-10	1	2	1	0	1	0
FROM STATION	03.50	+0000	+03	-09	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	2000	2500	03.00	00.50	2	000.00
AFT.RPM.ADJ	0200	2500	02.60	01.50	2	000.00
AFT.TI ADJ1	0200	2500	02.50	01.50	2	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0150	0100	02.50	02.00	1	

ADDL RPRS 051.08 EST 000.00

TEST NO.C0573 DATE 10/09/73 DRY 74 WET 53 PRES 24.39

	CT	CS	HT	1975
HC	33.83	26.65	29.43	28.93
CO	0152.1	0110.6	0117.0	0121.0
CO2	0516.2	0490.3	0444.2	0483.0
NOX	04.03	03.33	03.55	03.54

	IDLE	LO CR	HI CR	2500
HC	13683	05991	13655	
LHC	2500	1146	2500	
CO	03.58	03.23	07.52	
NOX	0185	1458	0460	
HCSUN	2500	0600	1900	2500
COSUN	02.80	02.90	06.10	01.50

MPG 11.65

TEST NO.C0601 DATE 10/10/73 DRY 71 WET 52 PRES 24.66

	CT	CS	HT	1975
HC	07.91	05.20	05.58	05.87
CO	0143.7	0100.9	0097.7	0109.0
CO2	0572.4	0544.8	0430.4	0518.8
NOX	02.94	02.64	02.17	02.57

	IDLE	LO CR	HI CR	2500
HC	03556	03592	03417	
LHC	0365	0461	0430	
CO	03.92	02.89	03.68	
NOX	0068	1315	1219	
HCSUN	0140	0170	0130	0120
COSUN	03.10	02.20	03.00	02.20

MPG 12.57

VEH.NO. 212 TEST SEQ. 2 YEAR 67 MAKE FORD MODEL MUST ODOMETER 051835 NO.CYL. 8 CID 289

CARB.VENT. 2 TRANS. 3 WEIGHT 3000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	09.85	-0250	-02	+02	1	1	1	0	2	0
FROM STATION	05.60	-0100	-02	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0800	0250	06.50	06.00	3	001.50
AFT.RPM.ADJ	0400	0150	07.00	00.40	3	001.50
AFT.TI ADJ1	0250	0150	03.90	01.80	1	001.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0250	0150	03.90	01.80	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0572 DATE 10/08/73 DRY 72 WET 48 PRES 24.42

	CT	CS	HT	1975
HC	16.37	16.63	12.00	15.29
CO	0173.1	0181.1	0130.7	0165.4
CO2	0302.0	0292.7	0296.0	0295.6
NOX	00.85	00.52	01.25	00.79

	IDLE	LO CR	HI CR	2500	
HC	16921	04953	04627		
LHC	1368	0901	0873		
CO	10.35	04.37	04.05		
NOX	0017	0917	1250		
HCSUN	0740	0335	0320	0450	
COSUN	20.00	04.00	03.80	05.00	

MPG 14.75

TEST NO.C0593 DATE 10/10/73 DRY 73 WET 52 PRES 24.68

	CT	CS	HT	1975
HC	10.87	11.32	07.52	10.17
CO	0141.4	0142.1	0107.8	0132.4
CO2	0339.2	0344.9	0319.8	0336.8
NOX	01.35	00.85	01.55	01.18

	IDLE	LO CR	HI CR	2500	
HC	05771	04890	04721		
LHC	0484	0636	0613		
CO	05.98	03.95	04.23		
NOX	0054	0639	1125		
HCSUN	0285	0310	0270	0295	
COSUN	05.50	03.50	03.60	04.70	

MPG 15.44

VEH.NO. 213 TEST SEQ. 1 YEAR 66 MAKE CHEVROLET MODEL STAW ODOMETER 061637 NO.CYL. 8 CID 283

CARB.VENT. 2 TRANS. 3 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.70	+0000	+02	+00	1	1	1	0	2	0
FROM STATION	05.70	+0000	+02	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0600	0260	05.75	04.25	1	005.50
AFT.RPM.ADJ	Z000	0000	00.00	00.Z0	Z	0ZZ,ZZ
AFT.TI ADJ1	ZZZZ	ZZZZ	ZZ,ZZ	ZZ,ZZ	Z	ZZZ.Z0
AFT.TI ADJ2	0Z00	0000	00.00	00.00	0	000.00
FINAL	0600	0260	05.75	04.25	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0574 DATE 10/09/73 DRY 71 WET 53 PRES 24.39

	CT	CS	HT	1975
HC	13.45	15.88	11.37	14.15
CO	0145.9	0174.6	0138,8	0158,7
CO2	0463.6	0550.2	Z450.7	0503.5
NOX	02.32	02.15	01.51	01,18

	IDLE	LO CR	HI CR	2500	
HC	10189	05621	05548		
LHC	1391	1005	0989		
CO	05.Z6	03.58	07.32		
NOX	Z037	0941	0432		
HCSUN	0570	0350	0335	0375	
COSUN	05.30	04.00	06.60	05.90	

MPG 11.15

TEST NO.C0574 DATE 10/09/73 DRY 71 WET 53 PRES 24.39

	CT	CS	HT	1975
HC	13.45	15.88	11.48	14.15
CO	0145.9	0174.6	0138,8	0158.7
CO2	0463.6	0550.2	0450.7	0504.5
NOX	02.32	02.15	01.51	01.28

	IDLE	LO CR	HI CR	2500	
HC	10189	05621	05548		
LHC	1391	1005	0989		
CO	05.06	04.58	07.32		
NOX	0037	0941	0432		
HCSUN	0570	0350	0335	0375	
COSUN	05.30	04.00	06.60	05.90	

MPG 11.15

VEH.NO. 214 TEST SEQ. 2 YEAR 66 MAKE PONTIAC MODEL CATA ODOMETER 046086 NO.CYL. 8 CID 389

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.30	-0060	-03	+00	2	1	1	0	2	0
FROM STATION	03.30	-0060	-03	+00	2	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0580	0150	02.60	02.40	1	002.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0580	0150	02.60	02.40	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0575 DATE 10/09/73 DRY 71 WET 53 PRES 24.40

	CT	CS	HT	1975
HC	10.70	07.20	06.21	07.66
CO	0167.1	0103.3	0086.7	0112.0
CO2	0490.3	0477.5	0444.4	0471.0
NOX	02.83	01.69	03.43	02.41

	IDLE	LO CR	HI CR	2500	
HC	05654	04099	03940		
LHC	0895	0776	0735		
CO	03.64	01.42	02.44		
NOX	0058	1739	2018		
HCSUN	0400	0245	0210	0200	
COSUN	03.20	01.30	02.10	02.80	

MPG 13.27

TEST NO.C0575 DATE 10/09/73 DRY 71 WET 53 PRES 24.40

	CT	CS	HT	1975
HC	10.70	07.20	06.21	07.66
CO	0167.1	0103.3	0086.7	0112.0
CO2	0490.3	0477.5	0444.4	0471.0
NOX	02.83	01.69	03.43	02.41

	IDLE	LO CR	HI CR	2500	
HC	05654	04099	03940		
LHC	0895	0776	0735		
CO	03.64	01.42	02.44		
NOX	0058	1739	2018		
HCSUN	0400	0245	0210	0200	
COSUN	03.20	01.30	02.10	02.80	

MPG 13.27

VEH.NO. 217 TEST SEQ. 3 YEAR 72 MAKE CADILLAC MODEL COUP ODOMETER 017251 NO.CYL. 8 CID 472

CARB.VENT. 4 TRANS. 1 WEIGHT 5000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.95	+0020	+02	+02	1	2	1	0	2	0
FROM STATION	02.95	+0020	+02	+02	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0180	0050	03.20	00.50	1	004.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0180	0050	03.20	00.50	1	

ADDL RPRS 000.00 FST 000.00

TEST NO.C0588 DATE 10/10/73 DRY 72 WET 53 PRES 24.68

	CT	CS	HT	1975
HC	04.54	02.24	03.55	03.08
CO	0141.7	0088.7	0103.6	0103.9
CO2	0882.9	0854.5	0707.6	0819.7
NOX	02.96	01.82	02.79	02.33

	IDLE	LO CR	HI CR	2500	
HC	02088	01747	01485		
LHC	0260	0284	0291		
CO	03.71	02.86	01.88		
NOX	0064	0404	1402		
HCSUN	0235	0180	0145	0095	
COSUN	02.95	02.20	01.60	00.60	

MPG 08.97

TEST NO.C0588 DATE 10/10/73 DRY 72 WET 53 PRES 24.68

	CT	CS	HT	1975
HC	04.54	02.24	03.55	03.08
CO	0141.7	0088.7	0103.6	0103.9
CO2	0882.9	0854.5	0707.6	0819.7
NOX	02.96	01.82	02.79	02.33

	IDLE	LO CR	HI CR	2500	
HC	02088	01747	01485		
LHC	0260	0284	0291		
CO	03.71	02.86	01.88		
NOX	0064	0404	1402		
HCSUN	0235	0180	0145	0095	
COSUN	02.95	02.20	01.60	00.60	

MPG 08.97

VEH.NO. 218 TEST SEQ. 3 YEAR 73 MAKE CHEVROLET MODEL NOVA ODOMETER 016372 NO.CYL. 8 CID 307

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.10	-0040	+01	-04	1	1	1	0	2	1
FROM STATION	04.10	-0040	+01	-04	1	1	1	0	2	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0110	0060	01.10	00.50	1	004.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0110	0060	01.10	00.50	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0589 DATE 10/10/73 DRY 76 WET 54 PRES 24.68

	CT	CS	HT	1975
HC	09.51	04.95	05.65	06.10
CO	0132.8	0087.6	0097.4	0099.8
CO2	0491.6	0550.9	0462.5	0514.0
NOX	01.51	01.41	01.74	01.52

	IDLE	LO CR	HI CR	2500	
HC	03522	04111	03453		
LHC	0388	0532	0446		
CO	05.00	03.23	03.98		
NOX	0047	0755	0700		
HCSUN	0175	0210	0160	0095	
COSUN	04.10	02.50	03.30	00.50	

MPG 12.91

TEST NO.C0589 DATE 10/10/73 DRY 76 WET 54 PRES 24.68

	CT	CS	HT	1975
HC	09.51	04.95	05.65	06.10
CO	0132.8	0087.6	0097.4	0099.8
CO2	0491.6	0550.9	0462.5	0514.0
NOX	01.51	01.41	01.74	01.52

	IDLE	LO CR	HI CR	2500	
HC	03522	04111	03453		
LHC	0388	0532	0446		
CO	05.00	03.23	03.98		
NOX	0047	0755	0700		
HCSUN	0175	0210	0160	0095	
COSUN	04.10	02.50	03.30	00.50	

MPG 12.91

VEH.NO. 219 TEST SEQ. 1 YEAR 68 MAKE CHRYSLER MODEL STAW ODOMETER 071302 NO.CYL. 8 CID 383

CARB.VENT. 4 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.40	+0050	+00	+00	1	2	1	0	2	0
FROM STATION	00.80	-0050	+00	+00	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0110	0100	02.00	05.30	3	000.00
AFT.RPM.ADJ	0100	0100	04.50	05.00	3	000.00
AFT.TI ADJ1	0120	0200	00.50	03.50	1	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0120	0200	00.50	03.50	1	

ADDL PRRS 012.00 EST 000.00

TEST NO.C0604 DATE 10/11/73 DRY 71 WET 53 PRES 24.51

	CT	CS	HT	1975
HC	12.56	08.67	08.82	09.52
CO	0241.3	0171.6	0157.8	0182.4
CO2	0560.5	0556.0	0517.3	0546.2
NOX	02.87	02.93	03.71	03.13

	IDLE	LO CR	HI CR	2500	
HC	04553	04658	04226		
LHC	0443	0590	0528		
CO	06.61	05.30	04.75		
NOX	0065	1038	1383		
HCSUN	0190	0255	0190	0175	
COSUN	05.30	05.00	04.10	05.20	

MPG 10.32

TEST NO.C0629 DATE 10/12/73 DRY 71 WET 49 PRES 24.53

	CT	CS	HT	1975
HC	10.36	06.58	06.51	07.35
CO	0214.9	0103.3	0108.9	0128.2
CO2	0608.7	0605.5	0531.9	0585.7
NOX	03.09	03.85	04.68	03.92

	IDLE	LO CR	HI CR	2500	
HC	06245	04714	03975		
LHC	0866	0546	0451		
CO	00.88	04.52	03.99		
NOX	0098	1424	1767		
HCSUN	0200	0110	0080	0200	
COSUN	00.90	04.30	03.90	04.60	

MPG 10.99

VEH.NO. 220 TEST SEQ. 3 YEAR 68 MAKE BUICK MODEL LESA ODOMETER 074568 NO.CYL. 8 CID 350

CARB.VENT. 4 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	07.50	+0210	+00	+00	1	1	1	0	2	0
FROM STATION	00.19	+0000	+00	-06	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0280	0370	07.60	05.20	4	005.50
AFT.RPM.ADJ	0290	0360	06.40	05.00	4	003.30
AFT.TI ADJ1	0150	0250	00.50	03.20	1	003.30
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0150	0250	00.50	03.20	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0605 DATE 10/11/73 DRY 71 WET 53 PRES 24.51

	CT	CS	HT	1975
HC	14.94	07.87	07.33	09.20
CO	0237.5	0201.1	0170.3	0200.2
CO2	0456.7	0476.0	0400.8	0451.1
NOX	01.69	00.84	01.79	01.28

	IDLE	LO CR	HI CR	2500	
HC	04709	04392	05218		
LHC	0525	0644	0743		
CO	07.92	04.74	10.13		
NOX	0069	0700	0223		
HCSUN	0270	0290	0320	0265	
COSUN	07.40	04.40	08.60	05.80	

MPG 11.21

TEST NO.C0630 DATE 10/12/73 DRY 71 WET 49 PRES 24.53

	CT	CS	HT	1975
HC	12.54	05.37	05.35	06.86
CO	0211.2	0110.3	0129.8	0136.8
CO2	0461.7	0516.7	0403.2	0473.7
NOX	02.02	01.28	01.86	01.60

	IDLE	LO CR	HI CR	2500	
HC	02171	04198	03905		
LHC	0285	0563	0522		
CO	00.23	03.72	03.08		
NOX	0140	1013	1867		
HCSUN	0140	0330	0265	0275	
COSUN	00.20	03.60	03.10	04.10	

MPG 12.54

196

VEH.NO. 221 TEST SEQ. 1 YEAR 64 MAKE PONTIAC MODEL GRAN ODOMETER 074401 NO.CYL. 8 CID 389

CARB.VENT. 4 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.80	+0140	-02	-06	1	2	1	0	2	0
FROM STATION	01.10	+0230	-01	-06	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0460	0520	04.30	05.30	4	002.50
AFT.RPM.ADJ	0480	0520	05.30	05.40	4	002.50
AFT.TI ADJ1	0380	0360	03.40	04.00	1	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0380	0360	03.40	04.00	1	

ADDL RPRS 010.00 EST 000.00

TEST NO.C0606 DATE 10/11/7 DRY 70 WET 52 PRES 24.51

	CT	CS	HT	1975
HC	20.54	18.67	15.52	18.19
CO	0298.9	0297.5	0289.1	0295.5
CO2	0356.0	0339.9	0281.3	0324.9
NOX	00.56	00.30	00.31	00.36

	IDLE	LO CR	HI CR	2500	
HC	11558	08941	07807		
LHC	1161	0993	0885		
CO	09.61	13.19	12.52		
NOX	0021	0094	0158		
HCSUN	0420	0800	0610	0750	
COSUN	05.80	20.00	20.00	09.80	

MPG 10.52

TEST NO.C0631 DATE 10/12/73 DRY 70 WET 49 PRES 24.56

	CT	CS	HT	1975
HC	15.27	10.71	10.35	11.73
CO	0293.1	0237.3	0286.0	0262.5
CO2	0409.6	0454.0	0364.7	0419.9
NOX	00.75	00.89	00.71	00.81

	IDLE	LO CR	HI CR	2500	
HC	04484	07319	06819		
LHC	0575	0883	0815		
CO	01.65	12.13	12.26		
NOX	0515	0117	0137		
HCSUN	0350	0610	0550	0620	
COSUN	01.10	09.80	20.00	10.00	

MPG 10.25

VEH.NO. 222 TEST SEQ. 1 YEAR 64 MAKE RAMBLER MODEL AMER ODOMETER 068526 NO.CYL. 6 CID 196

CARB.VENT. 1 TRANS. 3 WEIGHT 3000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.28	+0150	+00	-07	0	2	1	0	2	0
FROM STATION	00.28	+0150	+00	-07	0	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0120	0140	00.20	01.70	1	001.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0120	0140	00.20	01.70	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0607 DATE 10/11/73 DRY 70 WET 53 PRES 24.51

	CT	CS	HT	1975
HC	08.55	05.42	06.31	06.32
CO	0095.0	0062.5	0086.6	0076.0
CO2	0387.6	0416.9	0339.0	0389.1
NOX	03.29	03.27	02.37	03.02

	IDLE	LO CR	HI CR	2500	
HC	03523	04150	05510		
LHC	0476	0605	0764		
CO	00.33	03.38	09.24		
NOX	0186	1207	0285		
HCSUN	0275	0350	0450	0380	
COSUN	00.30	03.40	09.20	04.60	

MPG 16.85

TEST NO.C0607 DATE 10/11/73 DRY 70 WET 53 PRES 24.51

	CT	CS	HT	1975
HC	08.55	05.42	06.31	06.32
CO	0095.0	0062.5	0086.6	0076.0
CO2	0387.6	0416.9	0339.0	0389.1
NOX	03.29	03.27	02.37	03.02

	IDLE	LO CR	HI CR	2500	
HC	03523	04150	05510		
LHC	0476	0605	0764		
CO	00.33	03.38	09.24		
NOX	0186	1207	0285		
HCSUN	0275	0350	0450	0380	
COSUN	00.30	03.40	09.20	04.60	

MPG 16.85

VEH.NO. 223 TEST SEQ. 1 YEAR 64 MAKE BUICK MODEL WILD ODOMETER 051818 NO.CYL. 8 CID 401

CARB.VENT. 4 TRANS. 1 WEIGHT 4500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.90	-0080	+00	+01	1	1	1	0	2	0
FROM STATION	03.00	+0020	+00	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0900	0260	03.40	03.80	2	002.50
AFT.RPM.ADJ	0600	0200	04.20	02.60	1	002.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0600	0200	04.20	02.60	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0608 DATE 10/11/73 DRY 75 WET 55 PRES 24.51

	CT	CS	HT	1975
HC	10.68	12.12	08.24	10.74
CO	0093.4	0124.8	0079.9	0105.7
CO2	0459.0	0425.2	0422.9	0431.6
NOX	05.72	02.96	04.74	04.03

	IDLE	LO CR	HI CR	2500	
HC	11614	04849	04106		
LHC	1550	0537	0519		
CO	05.69	02.44	01.42		
NOX	0036	1933	3009		
HCSUN	0370	0410	0325		0370
COSUN	01.85	02.25	01.50		03.10

MPG 14.10

TEST NO.C0632 DATE 10/12/73 DRY 71 WET 50 PRES 24.52

	CT	CS	HT	1975
HC	10.87	11.22	08.01	10.25
CO	0092.6	0113.6	0078.2	0099.4
CO2	0487.6	0468.1	0462.1	0470.5
NOX	05.40	03.38	05.12	04.29

	IDLE	LO CR	HI CR	2500	
HC	03665	05051	04216		
LHC	1140	0699	0571		
CO	06.38	02.88	01.71		
NOX	0041	1670	2756		
HCSUN	0390	0400	0310		0300
COSUN	02.80	02.40	01.40		02.30

MPG 13.51

VEH.NO. 224 TEST SEQ. 3 YEAR 68 MAKE CHEVROLET MODEL MALI ODOMETER 043307 NO.CYL. 6 CID 250

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.90	-0200	-02	-09	1	2	1	0	?	0
FROM STATION	05.60	-0100	-02	-02	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0210	0150	04.80	02.00	3	004.50
AFT.RPM.ADJ	0210	0140	03.80	01.00	1	001.50
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0210	0140	03.80	01.00	1	

ADDL PRRS 000.00 EST 000.00

TEST NO.C0617 DATE 10/12/73 DRY 75 WET 55 PRES 24.48

	CT	CS	HT	1975
HC	20.39	05.18	05.50	08.45
CO	0212.6	0114.7	0089.3	0128.1
CO2	0459.2	0464.8	0407.8	0447.8
NOX	02.46	01.63	02.86	02.15

	IDLE	LO CR	HI CR	2500	
HC	04438	03959	04281		
LHC	0474	0413	0471		
CO	06.41	04.03	04.90		
NOX	0076	0652	0802		
HCSUN	0290	0210	0200	0260	
COSUN	05.00	03.00	04.30	02.40	

MPG 13.18

TEST NO.C0655 DATE 10/16/73 DRY 70 WET 54 PRES 24.87

	CT	CS	HT	1975
HC	20.42	04.29	04.74	07.79
CO	0203.1	0086.9	0073.5	0107.5
CO2	0445.2	0450.1	0414.0	0439.0
NOX	02.26	01.51	03.00	02.08

	IDLE	LO CR	HI CR	2500	
HC	04393	03276	04069		
LHC	0475	0351	0439		
CO	06.25	01.90	05.07		
NOX	0065	1063	0770		
HCSUN	0540	0360	0380	0560	
COSUN	05.80	07.80	05.00	03.80	

MPG 14.08

VEH.NO. 225 TEST SEQ. 3 YEAR 68 MAKE CHEVROLET MODEL STAW ODOMETER 048577 NO.CYL. 8 CID 396

CARB.VENT. 4 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.30	-0010	+04	+00	1	1	1	0	2	0
FROM STATION	01.30	-0050	+11	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0500	0260	04.30	05.80	4	000.00
AFT.RPM.ADJ	0260	0170	04.60	04.40	4	000.00
AFT.TI ADJ1	0270	0180	01.00	04.60	4	000.00
AFT.TI ADJ2	0130	0150	01.00	04.20	1	000.00
FINAL	0130	0150	01.00	04.20	1	

ADDL RPRS 060.15 EST 000.00

TEST NO.C0665 DATE 10/17/73 DRY 69 WET 50 PRES 24.91

	CT	CS	HT	1975
HC	08.95	05.53	04.92	06.08
CO	0212.1	0143.9	0139.3	0156.9
CO2	0532.6	0550.1	0441.5	0516.3
NOX	01.42	00.88	01.20	01.08

	IDLE	LO CR	HI CR	2500	
HC	03519	04280	04000		
LHC	0344	0546	0508		
CO	03.61	07.07	06.37		
NOX	0072	0229	0466		
HCSUN	0345	0610	0480		0480
COSUN	03.60	07.20	06.40		08.50

MPG 11.39

TEST NO.C0689 DATE 10/18/73 DRY 71 WET 52 PRES 24.83

	CT	CS	HT	1975
HC	09.11	06.31	05.82	06.76
CO	0218.5	0161.6	0163.5	0174.0
CO2	0523.3	0561.3	0437.5	0519.0
NOX	01.36	00.90	00.96	01.01

	IDLE	LO CR	HI CR	2500	
HC	03657	04407	04020		
LHC	0472	0601	0567		
CO	02.03	06.52	06.35		
NOX	0138	0348	0805		
HCSUN	0230	0325	0285		0250
COSUN	01.25	05.10	05.40		06.10

MPG 10.95

VEH.NO. 226 TEST SEQ. 6 YEAR 73 MAKE DODGE MODEL DART ODOMETER 003813 NO.CYL. 8 CID 318

CARB.VENT. 2 TRANS. 1 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.77	-0030	+00	+00	1	1	1	1	2	1
FROM STATION	05.10	+0000	+00	+00	1	1	1	1	2	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0440	0460	04.10	04.40	4	002.50
AFT.RPM.ADJ	0430	0460	04.20	04.40	4	002.50
AFT.TI ADJ1	0200	0200	02.10	02.10	1	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0200	0200	02.10	02.10	1	

ADDL RPRS 002.50 EST 000.00

TEST NO.C0633 DATE 10/15/73 DRY 70 WET 49 PRES 24.88

	CT	CS	HT	1975
HC	04.56	03.43	03.94	03.81
CO	0051.0	0043.6	0051.4	0047.3
CO2	0525.2	0520.6	0464.7	0506.0
NOX	04.84	02.35	04.32	03.42

	IDLE	LO CR	HI CR	2500	
HC	02910	03465	03467		
LHC	0341	0488	0472		
CO	01.88	02.09	02.34		
NOX	0136	2393	2696		
HCSUN	0370	0460	0430	0250	
COSUN	02.00	02.20	02.50	01.80	

MPG 15.03

TEST NO.C0657 DATE 10/16/73 DRY 75 WET 56 PRES 24.86

	CT	CS	HT	1975
HC	05.19	03.90	03.53	04.10
CO	0084.1	0078.9	0062.4	0075.4
CO2	0488.5	0490.2	0448.9	0478.4
NOX	03.62	01.76	04.19	02.82

	IDLE	LO CR	HI CR	2500	
HC	04146	03800	03522		
LHC	0515	0587	0532		
CO	05.92	03.32	03.35		
NOX	0080	1598	1354		
HCSUN	0500	0480	0400	0280	
COSUN	05.00	03.00	03.30	02.30	

MPG 14.61

VEH.NO. 227 TEST SEQ. 6 YEAR 73 MAKE RAMBLER MODEL STAW ODOMETER 003437 NO.CYL. 8 CID 304

CARB.VENT. 2 TRANS. 1 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	OWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.63	-0020	+00	+00	1	1	1	0	1	1
FROM STATION	00.63	-0020	+00	+00	1	1	1	0	1	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0080	0050	00.20	00.30	1	000.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0080	0050	00.20	00.30	1	

ADDL RPRS 004.00 EST 000.00

TEST NO.C0634 DATE 10/15/73 DRY 69 WET 50 PRES 24.88

	CT	CS	HT	1975
HC	06.36	03.29	03.52	04.00
CO	0124.1	0043.3	0036.3	0058.3
CO2	0582.2	0575.6	0473.5	0548.6
NOX	02.32	01.65	02.24	01.95

	IDLE	LO CR	HI CR	2500	
HC	02377	02887	02618		
LHC	0903	0384	0395		
CO	00.81	00.49	00.59		
NOX	0190	0867	1719		
HCSUN	0265	0345	0265	0075	
COSUN	00.65	00.40	00.51	00.26	

MPG 13.64

TEST NO.C0634 DATE 10/15/73 DRY 69 WET 50 PRES 24.88

	CT	CS	HT	1975
HC	06.36	03.29	03.52	04.00
CO	0124.1	0043.3	0036.3	0058.3
CO2	0582.2	0575.6	0473.5	0548.6
NOX	02.32	01.65	02.24	01.95

	IDLE	LO CR	HI CR	2500	
HC	02377	02887	02618		
LHC	0903	0384	0395		
CO	00.81	00.49	00.59		
NOX	0190	0867	1719		
HCSUN	0265	0345	0265	0075	
COSUN	00.65	00.40	00.51	00.25	

MPG 13.64

VEH.NO. 228 TEST SEQ. 1 YEAR 71 MAKE OPEL MODEL 1900 ODOMETER 011626 NO.CYL. 4 CID 116

CARB.VENT. 1 TRANS. 1 WEIGHT 2250 EXH.CON. 1 EVAP.CON. 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.60	+0500	-02	-08	0	1	1	0	2	0
FROM STATION	04.60	+0500	-02	-08	0	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0100	0160	02.70	01.05	1	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0100	0160	02.70	01.05	1	

ADDL RPRS 000.00 FST 000.00

TEST NO.C0635 DATE 10/15/73 DRY 69 WET 50 PRES 24.89

	CT	CS	HT	1975
HC	03.51	02.74	02.53	02.84
CO	0043.5	0039.8	0028.5	0037.4
CO2	0392.5	0326.4	0284.1	0328.5
NOX	04.75	02.57	03.98	03.42

	IDLE	LO CR	HI CR	2500	
HC	03611	03546	03396		
LHC	0426	0510	0467		
CO	04.86	01.21	00.29		
NOX	0113	2335	5039		
HCSUN	0470	0480	0360	0280	
COSUN	05.00	01.40	01.40	01.90	

MPG 22.47

TEST NO.C0635 DATE 10/15/73 DRY 69 WET 50 PRES 24.89

	CT	CS	HT	1975
HC	03.51	02.74	02.53	02.84
CO	0043.5	0039.8	0028.5	0037.4
CO2	0392.5	0326.4	0284.1	0328.5
NOX	04.75	02.57	03.98	03.42

	IDLE	LO CR	HI CR	2500	
HC	03611	03546	03396		
LHC	0426	0510	0467		
CO	04.86	01.21	00.29		
NOX	0113	2335	5039		
HCSUN	0470	0480	0360	0280	
COSUN	05.00	01.40	01.40	01.90	

MPG 22.47

VEH.NO. 229 TEST SEQ. 1 YEAR 72 MAKE VOLKSWAGON MODEL SEDA ODOMETER 018774 NO.CYL. 4 CID 097

CARB.VENT. 1 TRANS. 4 WEIGHT 2000 EXH.CON. 1 EVAP.CON. 1 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	07.99	+0030	+02	+00	0	1	1	0	2	0
FROM STATION	03.60	-0200	+00	+00	0	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0250	0190	07.90	04.20	4	005.00
AFT.RPM.ADJ	0700	0300	09.00	06.00	4	001.00
AFT.TI ADJ1	0180	0110	01.60	03.20	1	003.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0180	0110	01.60	03.20	1	

ADDL RPRS 000.00 FST 000.00

TEST NO.C0637 DATE 10/15/73 DRY 69 WET 50 PRES 24.89

	CT	CS	HT	1975
HC	05.75	05.85	04.95	05.58
CO	0082.2	0110.7	0078.4	0095.7
CO2	0328.8	0301.0	0272.8	0299.0
NOX	03.49	01.65	02.63	02.31

	IDLE	LO CR	HI CR	2500	
HC	06424	03254	02320		
LHC	0590	0417	0434		
CO	09.05	03.15	01.18		
NOX	0060	1331	3670		
HCSUN	0520	0320	0220	0450	
COSUN	08.80	03.30	01.20	06.50	

MPG 19.07

TEST NO.C0658 DATE 10/16/73 DRY 74 WET 56 PRES 24.86

	CT	CS	HT	1975
HC	06.80	05.89	05.11	05.86
CO	0081.5	0083.1	0078.3	0081.4
CO2	0370.7	0369.3	0303.9	0351.4
NOX	02.10	01.39	01.48	01.56

	IDLE	LO CR	HI CR	2500	
HC	03530	02405	02514		
LHC	0374	0302	0340		
CO	03.96	02.73	02.93		
NOX	0096	0750	1301		
HCSUN	0390	0200	0210	0180	
COSUN	03.90	02.80	03.10	04.00	

MPG 17.89

VEH.NO. 230 TEST SEQ. 1 YEAR 66 MAKE PLYMOUTH MODEL BELE ODOMETER 099961 NO.CYL. 6 CID 225

CARB.VENT. 1 TRANS. 3 WEIGHT 3500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.70	+0250	+00	-10	0	2	0	0	2	0
FROM STATION	01.45	-0010	+00	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0150	0300	07.00	07.00	3	000.00
AFT.RPM.ADJ	0400	0300	02.00	07.00	3	000.00
AFT.TI ADJ1	0450	0375	02.50	05.50	1	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0450	0375	02.50	05.50	1	

ADDL PRRS 012.00 EST 000.00

TEST NO.C0636 DATE 10/15/73 DRY 69 WET 49 PRES 24.88

	CT	CS	HT	1975
HC	12.46	07.92	05.68	08.25
CO	0135.5	0153.8	0102.6	0135.8
CO2	0359.1	0316.7	0290.4	0318.3
NOX	02.56	00.82	01.68	01.42

	IDLE	LO CR	HI CR	2500	
HC	05800	04850	03723		
LHC	0510	0512	0472		
CO	05.16	07.24	04.76		
NOX	0081	0542	1438		
HCSUN	0660	0480	0420	0620	
COSUN	04.90	07.60	04.70	09.80	

MPG 15.97

TEST NO.C0654 DATE 10/16/73 DRY 69 WET 54 PRES 24.92

	CT	CS	HT	1975
HC	12.63	07.36	06.71	08.28
CO	0135.4	0124.9	0107.4	0122.2
CO2	0356.9	0316.5	0293.8	0318.7
NOX	02.67	01.29	01.89	01.74

	IDLE	LO CR	HI CR	2500	
HC	04515	04158	03596		
LHC	0449	0503	0436		
CO	01.53	06.31	04.55		
NOX	0054	0533	1258		
HCSUN	0580	0460	0420	0800	
COSUN	01.40	06.70	04.90	10.00	

MPG 16.59

VEH.NO. 231 TEST SEQ. 3 YEAR 73 MAKE PLYMOUTH MODEL DUST ODOMETER 007751 NO.CYL. 8 CID 318

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.70	-0140	+02	+00	1	1	1	0	2	1
FROM STATION	02.89	-0140	+05	+00	1	1	1	0	2	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0400	0150	05.10	02.50	4	000.00
AFT.RPM.ADJ	0400	0150	05.00	02.50	4	000.00
AFT.TI ADJ1	0200	0150	02.00	02.00	1	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0200	0150	02.00	02.00	1	

ADDL RPRS 012.00 EST 000.00

TEST NO.C0660 DATE 10/17/73 DRY 69 WET 50 PRES 24.86

	CT	CS	HT	1975
HC	04.62	04.13	03.65	04.10
CO	0075.3	0078.1	0051.0	0070.0
CO2	0470.6	0434.1	0378.4	0426.3
NOX	02.86	01.67	03.05	02.30

	IDLE	LO CR	HI CR	2500	
HC	04873	03481	03458		
LHC	0502	0464	0452		
CO	06.31	01.64	03.13		
NOX	0061	2489	1490		
HCSUN	0690	0560	0510	0290	
COSUN	06.30	01.80	03.40	02.40	

MPG 16.22

TEST NO.C0685 DATE 10/18/73 DRY 83 WET 56 PRES 24.83

	CT	CS	HT	1975
HC	04.94	03.88	03.94	04.12
CO	0091.9	0063.6	0071.5	0069.6
CO2	0485.3	0501.8	0435.0	0479.9
NOX	03.06	02.03	02.71	02.43

	IDLE	LO CR	HI CR	2500	
HC	03451	03638	03751		
LHC	0442	0562	0573		
CO	03.22	02.34	04.35		
NOX	0091	2242	0996		
HCSUN	0260	0290	0270	0150	
COSUN	02.85	02.25	03.70	03.00	

MPG 14.79

VEH.NO. 232 TEST SEQ. 6 YEAR 73 MAKE FORD MODEL MAVE ODOMETER 003468 NO.CYL. 6 CID 200

CARB.VENT. 1 TRANS. 3 WEIGHT 2500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.65	+0015	+00	+00	1	1	1	0	2	1
FROM STATION	02.65	+0015	+00	+00	1	1	1	0	2	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0100	0100	01.80	01.90	1	001.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0100	0100	01.80	01.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0647 DATE 10/16/73 DRY 71 WET 50 PRES 24.92

	CT	CS	HT	1975
HC	07.36	03.67	03.68	04.45
CO	0079.7	0074.7	0054.9	0070.3
CO2	0314.6	0330.5	0289.0	0315.7
NOX	01.11	00.50	01.09	00.79

	IDLE	LO CR	HI CR	2500	
HC	03438	04074	04019		
LHC	0381	0584	0580		
CO	03.05	02.05	02.99		
NOX	0058	1206	0884		
HCSUN	0360	0590	0555	0360	
COSUN	03.00	02.20	02.90	02.20	

MPG 20.24

TEST NO.C0647 DATE 10/16/73 DRY 71 WET 50 PRES 24.92

	CT	CS	HT	1975
HC	07.36	03.67	03.68	04.45
CO	0079.7	0074.7	0054.9	0070.3
CO2	0314.6	0330.5	0289.0	0315.7
NOX	01.11	00.50	01.09	00.79

	IDLE	LO CR	HI CR	2500	
HC	03438	04074	04019		
LHC	0381	0584	0580		
CO	03.05	02.05	02.99		
NOX	0058	1206	0884		
HCSUN	0360	0590	0555	0360	
COSUN	03.00	02.20	02.90	02.20	

MPG 20.24

VEH.NO. 233 TEST SEQ. 3 YEAR 72 MAKE BUICK MODEL LESA ODOMETER 020861 NO.CYL. 8 CID 350

CARB.VENT. 4 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.20	+0080	-08	-01	1	2	1	1	2	0
FROM STATION	03.20	+0080	-08	-01	1	2	1	1	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0265	0065	03.10	02.00	1	005.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0265	0065	03.10	02.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0649 DATE 10/16/73 DRY 70 WET 53 PRES 24.92

	CT	CS	HT	1975
HC	06.53	05.60	05.01	05.63
CO	0091.9	0106.4	0072.1	0093.9
CO2	0646.5	0595.4	0524.0	0586.3
NOX	05.51	02.91	04.50	03.90

	IDLE	LO CR	HI CR	2500	
HC	03952	03876	03357		
LHC	0401	0437	0356		
CO	03.53	02.65	01.49		
NOX	0097	1565	2648		
HCSUN	0560	0510	0330	0270	
COSUN	03.80	02.70	01.50	03.80	

MPG 11.85

TEST NO.C0649 DATE 10/16/73 DRY 70 WET 53 PRES 24.92

	CT	CS	HT	1975
HC	06.53	05.60	05.01	05.63
CO	0091.9	0106.4	0072.1	0093.9
CO2	0646.5	0595.4	0524.0	0586.3
NOX	05.51	02.91	04.50	03.90

	IDLE	LO CR	HI CR	2500	
HC	03952	03876	03357		
LHC	0401	0437	0356		
CO	03.53	02.65	01.49		
NOX	0097	1565	2648		
HCSUN	0560	0510	0330	0270	
COSUN	03.80	02.70	01.50	03.80	

MPG 11.85

VEH.NO. 234 TEST SEQ. 3 YEAR 68 MAKE MERCURY MODEL COUG ODOMETER 074758 NO.CYL. 8 CID 302

CARB.VENT. 4 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.00	+0050	+11	+03	1	2	1	0	2	0
FROM STATION	04.90	+0045	+00	+03	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	2500	0260	05.40	01.40	4	000.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0750	0090	02.60	01.00	2	

ADDL RPRS 051.61 EST 200.00

TEST NO.C0661 DATE 10/17/73 DRY 69 WET 50 PRES 24.86

	CT	CS	HT	1975
HC	05.16	07.38	05.25	06.33
CO	0066.5	0059.3	0039.5	0055.3
CO2	0421.1	0408.0	0357.7	0396.8
NOX	04.63	02.96	04.94	03.86

	IDLE	LO CR	HI CR	2500	
HC	09075	04130	03590		
LHC	1739	0514	0439		
CO	06.62	00.78	00.86		
NOX	0050	3041	4267		
HCSUN	2500	0600	0490	0370	
COSUN	06.60	00.90	00.90	01.10	

MPG 17.68

TEST NO.C0684 DATE 10/18/73 DRY 83 WET 56 PRES 24.86

	CT	CS	HT	1975
HC	04.48	03.83	03.82	03.96
CO	0054.5	0076.2	0047.7	0063.8
CO2	0452.3	0493.1	0426.2	0466.0
NOX	03.46	02.34	03.52	02.93

	IDLE	LO CR	HI CR	2500	
HC	03374	03208	02996		
LHC	0403	0481	0463		
CO	05.79	01.40	00.98		
NOX	0080	1784	2822		
HCSUN	0200	0210	0165	0100	
COSUN	04.60	01.20	00.75	01.80	

MPG 15.39

212

VEH.NO. 235 TEST SEQ. 1 YEAR 65 MAKE BUICK MODEL WILD ODOMETER 078046 NO.CYL. 8 CID 425

CARB.VENT. 4 TRANS. 1 WEIGHT 4500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	11.10	-0060	+10	+00	1	2	1	0	2	0
FROM STATION	11.00	-0060	+22	+00	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	1400	0500	20.00	08.00	4	004.50
AFT.RPM.ADJ	1300	0500	20.00	07.80	4	001.50
AFT.TI ADJ1	2500	0700	05.00	07.60	4	001.50
AFT.TI ADJ2	1200	1800	02.00	07.00	4	004.50
FINAL	2500	2500	20.00	06.40	4	

ADDL PRRS 041.42 EST 045.00

TEST NO.C0662 DATE 10/17/73 DRY 69 WET 50 PRES 24.86

	CT	CS	HT	1975
HC	19.21	30.27	17.59	24.44
CO	0201.6	0263.7	0219.5	0238.5
CO2	0459.1	0398.6	0374.1	0404.5
NOX	02.93	00.96	01.41	01.50

	IDLE	LO CR	HI CR	2500
HC	16320	06929	05977	
LHC	1800	0993	0796	
CO	11.88	08.16	06.97	
NOX	0011	0327	0790	
HCSUN	2500	1440	1040	2500
COSUN	20.00	09.00	07.40	09.40

MPG 10.40

TEST NO.C0687 DATE 10/18/73 DRY 71 WET 52 PRES 24.82

	CT	CS	HT	1975
HC	21.80	34.57	19.07	27.60
CO	0202.2	0272.6	0237.8	0248.2
CO2	0482.2	0426.0	0441.7	0442.1
NOX	03.83	01.20	02.04	01.98

	IDLE	LO CR	HI CR	2500
HC	16549	06568	06059	
LHC	2500	0799	0728	
CO	12.62	07.71	07.48	
NOX	0008	0417	0762	
HCSUN	2500	0620	0530	0720
COSUN	20.00	06.90	06.70	07.30

MPG 09.69

VEH.NO. 236 TEST SEQ. 1 YEAR 65 MAKE CHEVROLET MODEL IMPA ODOMETER 061259 NO.CYL. 8 CID 327

CARB.VENT. 4 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	08.20	-0010	+02	+01	1	2	1	0	2	0
FROM STATION	00.16	+0000	+00	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0640	0660	06.20	06.10	4	002.50
AFT.RPM.ADJ	0640	0660	06.20	06.10	4	002.50
AFT.TI ADJ1	0400	0400	02.10	02.20	1	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0400	0400	02.10	02.20	1	

ADDL RPRS 002.50 EST 000.00

TEST NO.C0663 DATE 10/17/73 DRY 71 WET 51 PRES 24.86

	CT	CS	HT	1975
HC	13.24	10.28	09.29	10.62
CO	0240.1	0220.0	0162.5	0208.3
CO2	0423.6	0413.9	0392.5	0410.0
NOX	00.89	00.67	01.44	00.93

	IDLE	LO CR	HI CR	2500
HC	07311	05017	06232	
LHC	0858	0641	0833	
CO	09.24	04.64	09.23	
NOX	0046	0764	0225	
HCSUN	0385	0800	0950	0920
COSUN	08.40	04.60	09.30	06.80

MPG 11.56

TEST NO.C0690 DATE 10/18/73 DRY 72 WET 52 PRES 24.83

	CT	CS	HT	1975
HC	09.39	06.20	06.25	06.88
CO	0202.7	0131.5	0132.5	0146.7
CO2	0462.9	0453.3	0413.2	0444.2
NOX	01.21	00.92	01.53	01.15

	IDLE	LO CR	HI CR	2500
HC	03420	04113	03911	
LHC	0481	0564	0544	
CO	00.20	05.05	05.42	
NOX	0126	0636	0706	
HCSUN	0285	0320	0260	0400
COSUN	00.13	04.40	04.60	02.20

MPG 12.79

VEH.NO. 237 TEST SEQ. 3 YEAR 68 MAKE CADILLAC MODEL FLEE ODOMETER 065733 NO.CYL. 8 CID 472

CARB.VENT. 4 TRANS. 1 WEIGHT 5000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.35	+0090	+00	+00	1	2	1	0	2	0
FROM STATION	00.35	+0090	+00	+00	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0090	0050	02.30	00.70	1	004.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0090	0050	02.30	00.70	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0677 DATE 10/18/73 DRY 73 WET 53 PRES 24.89

	CT	CS	HT	1975
HC	05.35	04.57	03.77	04.51
CO	0142.9	0115.3	0106.2	0118.6
CO2	0661.3	0664.2	0502.9	0618.8
NOX	01.72	01.17	01.40	01.35

	IDLE	LO CR	HI CR	2500	
HC	01039	03267	04824		
LHC	0272	0540	0700		
CO	00.48	02.86	10.03		
NOX	0101	0682	0141		
HCSUN	0040	0190	0280	0030	
COSUN	00.35	02.00	02.00	00.53	

MPG 10.87

TEST NO.C0677 DATE 10/18/73 DRY 73 WET 53 PRES 24.89

	CT	CS	HT	1975
HC	05.35	04.57	03.77	04.51
CO	0142.9	0115.3	0106.2	0118.6
CO2	0661.3	0664.2	0502.9	0618.8
NOX	01.72	01.17	01.40	01.35

	IDLE	LO CR	HI CR	2500	
HC	01039	03267	04824		
LHC	0272	0540	0700		
CO	00.48	02.86	10.03		
NOX	0101	0682	0141		
HCSUN	0040	0190	0280	0030	
COSUN	00.35	02.00	02.00	00.53	

MPG 10.87

VEH.NO. 238 TEST SEQ. 3 YEAR 69 MAKE DODGE MODEL CORO ODOMETER 051016 NO.CYL. 8 CID 318

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.40	-0050	+02	+00	1	1	1	0	2	0
FROM STATION	05.70	+0100	+02	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0450	0320	02.80	01.50	2	001.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0450	0180	01.50	01.40	2	001.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0350	0200	02.00	01.50	2	

ADDL RPRS 017.32 EST 000.00

TEST NO.C0674 DATE 10/18/73 DRY 70 WET 52 PRES 24.89

	CT	CS	HT	1975
HC	10.51	09.88	08.49	09.63
CO	0125.0	0118.8	0102.9	0115.7
CO2	0453.0	0464.4	0454.7	0459.3
NOX	03.92	02.90	03.63	03.32

	IDLE	LO CR	HI CR	2500	
HC	07828	05499	04954		
LHC	1478	0782	0670		
CO	05.77	03.52	04.22		
NOX	0069	1417	1198		
HCSUN	1260	0540	0385	0400	
COSUN	04.80	03.00	03.40	04.30	

MPG 13.26

TEST NO.C0706 DATE 10/19/73 DRY 70 WET 50 PRES 24.86

	CT	CS	HT	1975
HC	10.78	09.83	06.31	09.05
CO	0152.1	0124.5	0069.6	0115.0
CO2	0460.4	0486.3	0372.3	0449.2
NOX	03.04	03.17	03.54	03.27

	IDLE	LO CR	HI CR	2500	
HC	06611	05320	04825		
LHC	1168	0831	0683		
CO	06.49	02.83	03.92		
NOX	0075	1813	1424		
HCSUN	0820	0520	0375	0370	
COSUN	05.50	02.30	03.40	03.60	

MPG 13.52

VEH.NO. 239 TEST SEQ. 1 YEAR 68 MAKE VOLKSWAGON MODEL SEDA ODOMETER 084309 NO.CYL. 4 CID 091

CARB.VENT. 1 TRANS. 4 WEIGHT 2000 EXH.CON. 1 EVAP.CON. 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.94	+0010	+00	+00	0	1	1	0	1	0
FROM STATION	00.70	+0000	+00	+00	0	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0200	0210	04.00	04.40	3	005.50
AFT.RPM.ADJ	0180	0160	01.10	03.60	1	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0180	0160	01.10	03.60	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0664 DATE 10/17/73 DRY 74 WET 53 PRES 24.90

	CT	CS	HT	1975
HC	04.63	03.79	06.30	04.66
CO	0093.2	0106.4	0099.5	0101.7
CO2	0247.4	0254.3	0197.4	0237.1
NOX	01.28	00.78	00.73	00.87

	IDLE	LO CR	HI CR	2500	
HC	05081	03799	02722		
LHC	0401	0434	0360		
CO	07.78	08.92	04.93		
NOX	0055	0247	1387		
HCSUN	0400	0410	0290	0720	
COSUN	07.70	09.00	04.70	20.00	

MPG 21.64

TEST NO.C0707 DATE 10/19/73 DRY 70 WET 50 PRES 24.85

	CT	CS	HT	1975
HC	04.77	04.09	03.82	04.16
CO	0078.9	0054.4	0062.5	0061.8
CO2	0257.8	0295.5	0240.3	0274.4
NOX	02.20	01.97	01.82	01.98

	IDLE	LO CR	HI CR	2500	
HC	03411	02926	02835		
LHC	0430	0402	0411		
CO	00.78	03.09	04.59		
NOX	0073	1283	1521		
HCSUN	0250	0170	0185	0260	
COSUN	00.70	02.80	04.00	02.90	

MPG 23.16

VEH.NO. 240 TEST SEQ. 1 YEAR 65 MAKE CHEVROLET MODEL CHEV ODOMETER 071640 NO.CYL. 6 CID 230

CARB.VENT. 1 TRANS. 1 WEIGHT 3000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.80	+0000	+00	-03	1	2	1	0	2	0
FROM STATION	03.80	+0000	+00	-03	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0280	0140	02.20	02.00	1	003.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0280	0140	02.20	02.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0688 DATE 10/18/73 DRY 71 WET 52 PRES 24.83

	CT	CS	HT	1975
HC	19.74	05.60	05.33	08.48
CO	0224.3	0087.6	0102.6	0120.4
CO2	0365.5	0370.0	0319.4	0355.0
NOX	02.18	02.58	02.82	02.56

	IDLE	LO CR	HI CR	2500	
HC	05232	04385	05829		
LHC	0677	0583	0737		
CO	03.92	03.59	11.16		
NOX	0091	1983	0199		
HCSUN	0490	0320	0440	0170	
COSUN	03.50	03.30	20.00	01.70	

MPG 15.60

TEST NO.C0688 DATE 10/18/73 DRY 71 WET 52 PRES 24.83

	CT	CS	HT	1975
HC	19.74	05.60	05.33	08.48
CO	0224.3	0087.6	0102.6	0120.4
CO2	0365.5	0370.0	0319.4	0355.0
NOX	02.18	02.58	02.82	02.56

	IDLE	LO CR	HI CR	2500	
HC	05232	04385	05829		
LHC	0677	0583	0737		
CO	03.92	03.59	11.16		
NOX	0091	1983	0199		
HCSUN	0490	0320	0440	0170	
COSUN	03.50	03.30	20.00	01.70	

MPG 15.60

VEH.NO. 241 TEST SEQ. 1 YEAR 65 MAKE CHEVROLET MODEL IMPA ODOMETER 101402 NO.CYL. 8 CID 396

CARB.VENT. 4 TRANS. 1 WEIGHT 3500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	11.10	+0225	+02	-08	1	2	1	0	1	0
FROM STATION	10.30	+0225	+02	-08	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	2500	2500	20.00	06.00	4	005.00
FT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
FT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
FT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	2500	2500	20.00	06.00	4	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0691 DATE 10/19/73 DRY 69 WET 52 PRES 24.86

	CT	CS	HT	1975
HC	24.68	21.12	14.35	19.99
CO	0254.1	0393.6	0231.5	0319.4
CO2	0503.8	0542.0	0459.4	0511.1
NOX	01.00	00.70	00.95	00.83

	IDLE	LO CR	HI CR	2500
HC	11885	05113	05432	
LHC	1259	0536	0758	
CO	12.80	06.72	04.71	
NOX	0027	0215	0631	
HCSUN	0650	0260	0450	0250
COSUN	08.60	04.80	03.10	05.90

MPG 08.28

TEST NO.C0714 DATE 10/22/73 DRY 76 WET 52 PRES 24.83

	CT	CS	HT	1975
HC	47.02	45.83	35.23	43.65
CO	0244.1	0274.6	0211.2	0250.6
CO2	0523.0	0523.6	0417.5	0494.0
NOX	01.31	01.59	01.00	01.36

	IDLE	LO CR	HI CR	2500
HC	15150	10009	09879	
LHC	2086	1999	1991	
CO	12.53	05.33	05.11	
NOX	0029	0376	0507	
HCSUN	2500	2500	2500	2500
COSUN	09.20	04.20	04.00	04.90

MPG 08.68

VEH.NO. 242 TEST SEQ. 5 YEAR 70 MAKE FORD MODEL MUST ODOMETER 016785 NO.CYL. 8 CID 302

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.30	-0055	+00	-06	2	1	1	0	1	0
FROM STATION	00.22	-0055	+00	+01	2	2	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0840	0250	00.20	00.90	2	003.50
AFT.RPM.ADJ	0400	0190	00.20	00.50	0	002.00
AFT.TI ADJ1	0270	0170	00.40	00.70	1	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0270	0170	00.40	00.70	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0692 DATE 10/19/73 DRY 70 WET 50 PRES 24.85

	CT	CS	HT	1975
HC	07.09	05.31	05.48	05.73
CO	0080.4	0044.7	0038.6	0050.5
CO2	0472.0	0446.9	0419.4	0444.5
NOX	04.23	02.76	04.18	03.46

	IDLE	LO CR	HI CR	2500	
HC	06276	04234	04001		
LHC	1051	0611	0546		
CO	00.38	01.37	01.59		
NOX	0100	2658	3132		
HCSUN	0640	0310	0240	0190	
COSUN	00.23	01.00	01.20	01.30	

MPG 15.44

TEST NO.C0712 DATE 10/22/73 DRY 70 WET 51 PRES 24.82

	CT	CS	HT	1975
HC	06.64	04.84	06.56	05.69
CO	0085.6	0052.9	0044.5	0057.4
CO2	0500.8	0457.0	0405.5	0451.9
NOX	03.75	02.47	03.99	03.16

	IDLE	LO CR	HI CR	2500	
HC	03256	03366	03374		
LHC	0431	0477	0476		
CO	00.26	01.13	01.51		
NOX	0121	1947	2726		
HCSUN	0250	0290	0275	0180	
COSUN	00.23	01.10	01.30	01.60	

MPG 15.90

042

VEH.NO. 243 TEST SEQ. 3 YEAR 69 MAKE PONTIAC MODEL CATA ODOMETER 057823 NO.CYL. 8 CID 400

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.90	-0110	-10	+07	1	2	1	0	2	0
FROM STATION	00.73	-0090	+05	-07	1	2	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0460	0480	04.10	04.20	4	002.50
AFT.RPM.ADJ	0480	0460	04.30	04.10	4	002.50
AFT.TI ADJ1	0380	0360	03.10	03.00	1	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0380	0360	03.10	03.00	1	

ADDL RPRS 010.00 EST 000.00

TEST NO.C0695 DATE 10/19/73 DRY 70 WET 50 PRES 24.85

	CT	CS	HT	1975
HC	06.70	03.42	03.53	Z3.93
CO	0144.9	0Z83.3	0Z83.3	0096,2
CO2	0633.1	Z632.1	0557.1	Z611.5
NOX	02.23	01,07	01.50	01.21

	IDLE	LO CR	HI CR	2500	
HC	03825	03150	02408		
LHC	0380	0409	0339		
CO	04,45	02.07	00.69		
NOX	0101	0707	1652		
HCSUN	0175	0120	0060	0100	
COSUN	01.10	01.10	00.30	01.30	

MPG 11.44

TEST NO.C0719 DATE 10/22/73 DRY 81 WET 53 PRES 24.83

	CT	CS	HT	1975
HC	06.77	04.88	04.74	05.24
CO	0106.0	0036.5	0035.5	0050.7
CO2	0557.4	0505.0	0458.1	0502.9
NOX	04.56	03.68	05.40	04.34

	IDLE	LO CR	HI CR	2500	
HC	04472	03949	03448		
LHC	0603	0551	0495		
CO	00.86	01.00	00.42		
NOX	0165	2706	4225		
HCSUN	0380	0320	0200	0330	
COSUN	00.80	01.00	00.35	00.65	

MPG 14.86

VEH.NO. 245 TEST SEQ. 3 YEAR 68 MAKE FORD MODEL FAIR ODOMETER 077348 NO.CYL. 8 CID 289

CARB.VENT. 2 TRANS. 3 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.56	-0115	+06	+00	1	2	1	1	1	0
FROM STATION	07.68	-0005	+02	+00	1	2	1	1	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0780	0680	03.40	00.20	2	004.50
AFT.RPM.ADJ	0500	0620	02.40	00.20	2	001.50
AFT.TI ADJ1	0380	0300	04.20	02.00	4	001.50
AFT.TI ADJ2	0280	0100	03.60	00.30	1	003.00
FINAL	0280	0100	03.60	00.30	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0696 DATE 10/19/73 DRY 74 WET 52 PRES 24.86

	CT	CS	HT	1975
HC	09.52	07.34	06.36	07.53
CO	0119.5	0088.7	0076.1	0091.7
CO2	0377.8	0449.2	0361.4	0409.9
NOX	01.48	01.45	01.96	01.60

	IDLE	LO CR	HI CR	2500	
HC	05701	03322	04059		
LHC	0456	0513	0618		
CO	04.24	01.86	03.02		
NOX	0039	1620	1739		
HCSUN	0250	0160	0235	0115	
COSUN	03.00	01.20	02.00	00.70	

MPG 15.42

TEST NO.C0718 DATE 10/22/73 DRY 81 WET 53 PRES 24.83

	CT	CS	HT	1975
HC	12.54	13.71	09.17	12.21
CO	0151.4	0125.5	0097.5	0123.2
CO2	0468.3	0459.6	0406.2	0446.6
NOX	01.79	01.63	02.55	01.92

	IDLE	LO CR	HI CR	2500	
HC	13179	04612	04567		
LHC	1957	0708	0679		
CO	10.18	01.39	02.63		
NOX	0023	1891	1693		
HCSUN	1300	0380	0400	0600	
COSUN	07.20	01.00	02.00	00.70	

MPG 13.12

VEH.NO. 246 TEST SEQ. 3 YEAR 68 MAKE OLDSMOBILE MODEL DELT ODOMETER 114750 NO.CYL. 8 CID 455

CARB.VENT. 2 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.80	+0915	+02	-03	1	1	1	0	2	0
FROM STATION	06.80	+0015	+02	-03	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0230	0100	03.00	01.90	1	001.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0230	0100	03.00	01.90	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0693 DATE 10/19/73 DRY 70 WET 52 PRES 24.86

	CT	CS	HT	1975
HC	06.62	05.65	04.52	05.54
CO	0072.0	0082.7	0060.0	0074.1
CO2	0662.6	0564.0	0514.4	0570.9
NOX	04.75	02.46	03.47	03.22

	IDLE	LO CR	HI CR	2500	
HC	06943	03210	03099		
LHC	0720	0405	0389		
CO	08.40	02.79	01.86		
NOX	0055	1228	2688		
HCSUN	0420	0160	0130	0240	
COSUN	06.20	02.10	01.50	03.10	

MPG 12.64

TEST NO.C0693 DATE 10/19/73 DRY 70 WET 52 PRES 24.86

	CT	CS	HT	1975
HC	06.62	05.65	04.52	05.54
CO	0072.0	0082.7	0060.0	0074.1
CO2	0662.6	0564.0	0514.4	0570.9
NOX	04.75	02.46	03.47	03.22

	IDLE	LO CR	HI CR	2500	
HC	06943	03210	03099		
LHC	0720	0405	0389		
CO	08.40	02.79	01.86		
NOX	0055	1228	2588		
HCSUN	0420	0160	0130	0240	
COSUN	06.20	02.10	01.50	03.10	

MPG 12.64

VEH.NO. 247 TEST SEQ. 3 YEAR 68 MAKE FORD MODEL GALA ODOMETER 046034 NO.CYL. 8 CID 390

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.50	+0010	+09	+00	1	2	1	0	2	0
FROM STATION	05.50	+0010	+09	+00	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0210	0080	03.80	00.40	1	001.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0210	0080	03.80	00.40	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0694 DATE 10/19/73 DRY 70 WET 50 PRES 24.86

	CT	CS	HT	1975
HC	07.12	06.51	05.74	06.43
CO	0065.6	0100.6	0054.4	0080.4
CO2	0602.5	0520.8	0503.7	0533.2
NOX	07.15	05.13	07.11	06.10

	IDLE	LO CR	HI CR	2500	
HC	04569	03535	03180		
LHC	0502	0552	0472		
CO	06.31	00.25	00.25		
NOX	0065	3298	4275		
HCSUN	0220	0180	0115	0126	
COSUN	06.00	00.20	00.16	00.60	

MPG 13.10

TEST NO.C0694 DATE 10/19/73 DRY 70 WET 50 PRES 24.86

	CT	CS	HT	1975
HC	07.12	06.51	05.74	06.43
CO	0065.6	0100.6	0054.4	0080.4
CO2	0602.5	0520.8	0503.7	0533.2
NOX	07.15	05.13	07.11	06.10

	IDLE	LO CR	HI CR	2500	
HC	04569	03535	03180		
LHC	0502	0552	0472		
CO	06.31	00.25	00.25		
NOX	0065	3298	4275		
HCSUN	0220	0180	0115	0126	
COSUN	06.00	00.20	00.16	00.60	

MPG 13.10

VEH.NO. 248 TEST SEQ. 5 YEAR 69 MAKE PONTIAC MODEL LEMA ODOMETER 027997 NO.CYL. 8 CID 350

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.38	-0130	-04	+04	1	1	1	0	2	0
FROM STATION	00.38	-0130	-04	+04	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0175	0090	00.20	00.55	1	005.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0175	0090	00.20	00.55	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0709 DATE 10/22/73 DRY 70 WET 50 PRES 24.77

	CT	CS	HT	1975
HC	08.34	04.75	05.08	05.59
CO	0131.8	0035.0	0059.7	0062.1
CO2	0567.4	0582.2	0494.0	0554.6
NOX	04.51	04.83	05.11	04.84

	IDLE	LO CR	HI CR	2500	
HC	01739	03765	04529		
LHC	0251	0523	0608		
CO	00.42	01.65	07.25		
NOX	0091	2669	0506		
HCSUN	0050	0110	0120	0045	
COSUN	00.13	00.50	07.10	00.23	

MPG 13.30

TEST NO.C0709 DATE 10/22/73 DRY 70 WET 50 PRES 24.77

	CT	CS	HT	1975
HC	08.34	04.75	05.08	05.59
CO	0131.8	0035.0	0059.7	0062.1
CO2	0567.4	0582.2	0494.0	0554.6
NOX	04.51	04.83	05.11	04.84

	IDLE	LO CR	HI CR	2500	
HC	01739	03765	04529		
LHC	0251	0523	0608		
CO	00.42	01.65	07.25		
NOX	0091	2669	0506		
HCSUN	0050	0110	0120	0045	
COSUN	00.13	00.50	07.10	00.23	

MPG 13.30

VEH.NO. 249 TEST SEQ. 4 YEAR 71 MAKE PLYMOUTH MODEL FURY ODOMETER 030259 NO.CYL. 8 CID 383

CARB.VENT. 4 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.40	-0110	+04	+00	1	1	1	0	2	0
FROM STATION	05.40	-0110	+04	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0300	0300	02.00	02.50	1	000.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0300	0300	02.00	02.50	1	

ADDL RPRS 006.00 EST 000.00

TEST NO.C0710 DATE 10/22/73 DRY 70 WET 50 PRES 24.77

	CT	CS	HT	1975
HC	11.95	06.75	05.61	07.52
CO	0199.3	0157.5	0126.0	0157.5
CO2	0548.2	0559.3	0480.8	0535.2
NOX	02.18	01.13	02.10	01.62

	IDLE	LO CR	HI CR	2500	
HC	05950	04087	03766		
LHC	0535	0459	0425		
CO	05.93	04.29	04.63		
NOX	0044	0657	1167		
HCSUN	0365	0275	0210	0195	
COSUN	04.60	03.40	03.70	03.90	

MPG 11.05

TEST NO.C0710 DATE 10/22/73 DRY 70 WET 50 PRES 24.77

	CT	CS	HT	1975
HC	11.95	06.75	05.51	07.52
CO	0199.3	0157.5	0126.0	0157.5
CO2	0548.2	0559.3	0480.8	0535.2
NOX	02.18	01.13	02.10	01.62

	IDLE	LO CR	HI CR	2500	
HC	05950	04087	03766		
LHC	0535	0459	0425		
CO	05.93	04.29	04.63		
NOX	0044	0657	1167		
HCSUN	0365	0275	0210	0195	
COSUN	04.60	03.40	03.70	03.90	

MPG 11.05

VEH.NO. 250 TEST SEQ. 3 YEAR 70 MAKE CHEVROLET MODEL CAME ODOMETER 047370 NO.CYL. 8 CID 350

CARB.VENT. 2 TRANS. 4 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.40	-0200	+00	+05	1	1	1	0	2	0
FROM STATION	05.40	-0170	-04	+04	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0460	0420	07.20	06.20	4	002.50
AFT.RPM.ADJ	0460	0420	07.20	06.20	4	002.50
AFT.TI ADJ1	0300	0300	03.40	03.30	1	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0300	0300	03.40	03.30	1	

ADDL RPRS 002.50 EST 000.00

TEST NO.C0727 DATE 10/23/73 DRY 72 WET 51 PRES 24.68

	CT	CS	HT	1975
HC	11.13	06.35	05.52	07.13
CO	0101.8	0087.5	0060.7	0083.1
CO2	0476.5	0553.1	0428.8	0502.5
NOX	03.49	02.06	03.46	02.75

	IDLE	LO CR	HI CR	2500	
HC	04402	02790	02911		
LHC	0387	0371	0414		
CO	06.56	01.07	02.45		
NOX	0051	2086	2200		
HCSUN	0255	0190	0220	0090	
COSUN	05.40	00.90	02.20	01.20	

MPG 13.59

TEST NO.C0746 DATE 10/24/73 DRY 71 WET 50 PRES 24.64

	CT	CS	HT	1975
HC	08.63	06.32	05.03	06.45
CO	0105.3	0071.6	0048.0	0072.1
CO2	0602.5	0584.4	0487.0	0561.1
NOX	04.02	02.32	03.88	03.11

	IDLE	LO CR	HI CR	2500	
HC	06296	03823	03601		
LHC	0724	0465	0430		
CO	05.45	01.24	02.93		
NOX	0062	1975	2094		
HCSUN	0380	0200	0190	0180	
COSUN	04.60	01.70	02.60	01.10	

MPG 12.82

VEH.NO. 251 TEST SEQ. 3 YEAR 73 MAKE CHEVROLET MODEL IMPA ODOMETER 006702 NO.CYL. 8 CID 350

CARB.VENT. 4 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.40	+0020	+02	+02	1	2	1	0	2	0
FROM STATION	01.40	+0020	+02	+02	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0060	0040	01.30	00.35	1	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0060	0040	01.30	00.35	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0724 DATE 10/23/73 DRY 70 WET 50 PRES 24.70

	CT	CS	HT	1975
HC	03.84	02.92	03.04	03.15
CO	0088.5	0064.7	0069.8	0071.1
CO2	0606.0	0644.4	0492.2	0594.1
NOX	01.83	01.33	01.48	01.47

	IDLE	LO CR	HI CR	2500
HC	01061	02337	02203	
LHC	0220	0407	0380	
CO	01.79	01.63	01.57	
NOX	0053	0649	1356	
HCSUN	0050	0155	0125	0040
COSUN	01.40	01.30	01.25	00.40

MPG 12.44

TEST NO.C0724 DATE 10/23/73 DRY 70 WET 50 PRES 24.70

	CT	CS	HT	1975
HC	03.84	02.92	03.04	03.15
CO	0088.5	0064.7	0069.8	0071.1
CO2	0606.0	0644.4	0492.2	0594.1
NOX	01.83	01.33	01.48	01.47

	IDLE	LO CR	HI CR	2500
HC	01061	02337	02203	
LHC	0220	0407	0380	
CO	01.79	01.63	01.57	
NOX	0053	0649	1356	
HCSUN	0050	0155	0125	0040
COSUN	01.40	01.30	01.25	00.40

MPG 12.44

5ee

VEH.NO. 252 TEST SEQ. 3 YEAR 73 MAKE OLDSMOBILE MODEL OMEG ODOMETER 009599 NO.CYL. 8 CID 350

CARB.VENT. 4 TRANS. 3 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.42	+0110	-02	-02	2	1	1	0	?	?
FROM STATION	00.42	+0110	-02	-02	2	1	1	0	2	2

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0200	0100	00.40	01.00	1	000.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0200	0100	00.40	01.00	1	

ADDL RPRS 004.00 EST 000.00

TEST NO.C0726 DATE 10/23/73 DRY 70 WET 48 PRES 24.68

	CT	CS	HT	1975
HC	04.66	03.74	04.24	04.07
CO	0082.8	0079.7	0070.8	0077.9
CO2	0577.3	0621.0	0464.5	0568.4
NOX	01.49	00.91	01.10	01.08

	IDLE	LO CR	HI CR	2500
HC	01464	02092	02062	
LHC	0218	0275	0280	
CO	00.41	01.34	00.65	
NOX	0069	0485	1665	
HCSUN	0075	0140	0120	0095
COSUN	00.48	01.30	00.58	01.50

MPG 12.66

TEST NO.C0726 DATE 10/23/73 DRY 70 WET 48 PRES 24.68

	CT	CS	HT	1975
HC	04.66	03.74	04.24	04.07
CO	0082.8	0079.7	0070.8	0077.9
CO2	0577.3	0621.0	0464.5	0568.4
NOX	01.49	00.91	01.10	01.08

	IDLE	LO CR	HI CR	2500
HC	01464	02092	02062	
LHC	0218	0275	0280	
CO	00.41	01.34	00.65	
NOX	0069	0485	1665	
HCSUN	0075	0140	0120	0095
COSUN	00.48	01.30	00.58	01.50

MPG 12.66

VEH.NO. 254 TEST SEQ. 3 YEAR 70 MAKE FORD MODEL MUST ODOMETER 036423 NO.CYL. 8 CID 302

CARB.VENT. 2 TRANS. 1 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.30	-0050	+04	+07	1	2	1	0	2	0
FROM STATION	04.30	-0050	+04	+07	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0200	0190	00.60	00.90	1	003.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0200	0190	00.60	00.90	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0730 DATE 10/23/73 DRY 80 WET 51 PRES 24.64

	CT	CS	HT	1975
HC	07.21	04.88	07.75	06.17
CO	0098.4	0090.7	0077.2	0088.5
CO2	0479.9	0494.9	0411.5	0468.6
NOX	03.00	01.44	02.69	02.11

	IDLE	LO CR	HI CR	2500
HC	04870	04829	04716	
LHC	0581	0700	0687	
CO	03.69	03.55	03.05	
NOX	0112	0768	1803	
HCSUN	0300	0380	0360	0340
COSUN	03.40	03.20	02.60	03.40

MPG 14.20

TEST NO.C0730 DATE 10/23/73 DRY 80 WET 51 PRES 24.64

	CT	CS	HT	1975
HC	07.21	04.88	07.75	06.17
CO	0098.4	0090.7	0077.2	0088.5
CO2	0479.9	0494.9	0411.5	0468.6
NOX	03.00	01.44	02.69	02.11

	IDLE	LO CR	HI CR	2500
HC	04870	04829	04716	
LHC	0581	0700	0687	
CO	03.69	03.55	03.05	
NOX	0112	0768	1803	
HCSUN	0300	0380	0360	0340
COSUN	03.40	03.20	02.60	03.40

MPG 14.20

VEH.NO. 255 TEST SEQ. 5 YEAR 72 MAKE CHEVROLET MODEL NOVA ODOMETER 032867 NO.CYL. 8 CID 307

CARB.VENT. 2 TRANS. 1 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.50	-0040	+00	+00	1	1	1	0	2	0
FROM STATION	01.50	+0180	+00	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0440	0250	04.60	01.00	4	001.50
AFT.RPM.ADJ	0320	0200	00.40	00.80	0	001.50
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0320	0200	00.40	00.80	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0723 DATE 10/23/73 DRY 70 WET 50 PRES 24.70

	CT	CS	HT	1975
HC	04.79	03.70	03.27	03.81
CO	0056.0	0036.5	0033.3	0039.7
CO2	0421.1	0399.9	0359.2	0393.0
NOX	03.83	02.07	03.56	02.85

	IDLE	LO CR	HI CR	2500	
HC	05604	03445	03162		
LHC	0752	0513	0451		
CO	06.83	00.53	01.82		
NOX	0048	2926	2137		
HCSUN	0575	0290	0240		0190
COSUN	05.60	00.43	01.60		01.40

MPG 19.05

TEST NO.C0752 DATE 10/24/73 DRY 76 WET 54 PRES 24.50

	CT	CS	HT	1975
HC	04.27	03.19	02.54	03.26
CO	0067.2	0023.5	0037.4	0036.5
CO2	0468.7	0520.8	0372.9	0468.9
NOX	03.43	02.86	03.14	03.05

	IDLE	LO CR	HI CR	2500	
HC	03479	03440	03340		
LHC	0528	0479	0460		
CO	00.86	00.66	01.99		
NOX	0231	2246	2176		
HCSUN	0320	0260	0280		0160
COSUN	01.20	00.40	01.60		00.60

MPG 16.60

VEH.NO. 256 TEST SEQ. 1 YEAR 66 MAKE OLDSMOBILE MODEL CUTL ODOMETER 053077 NO.CYL. 8 CID 330

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE PPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.56	-0200	+00	+00	1	1	1	0	1	0
FROM STATION	01.50	+0125	+00	+00	1	1	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	1500	2500	03.00	03.60	2	004.50
AFT.RPM.ADJ	1250	2500	02.80	04.00	2	001.50
AFT.TI ADJ1	1060	2500	00.30	04.20	2	001.50
AFT.TI ADJ2	2500	2500	00.20	03.00	2	004.50
FINAL	1500	1600	01.90	04.00	2	

ADDL RPRS 033.70 EST 050.00

TEST NO.C0729 DATE 10/23/73 DRY 78 WET 51 PRES 24.65

	CT	CS	HT	1975
HC	28.86	19.16	15.89	20.28
CO	0149.0	0128.7	0072.7	0117.4
CO2	0354.2	0376.7	0310.9	0353.7
NOX	01.73	01.14	02.09	01.52

	IDLE	LO CR	HI CR	2500	
HC	09916	09479	09098		
LHC	2008	2128	2020		
CO	04.25	03.28	02.39		
NOX	0869	0810	1569		
HCSUN	1120	2500	2000	1950	
COSUN	02.20	02.40	01.90	03.70	

MPG 14.79

TEST NO.C0767 DATE 10/25/73 DRY 69 WET 50 PRES 24.40

	CT	CS	HT	1975
HC	16.17	08.28	06.40	09.41
CO	0175.7	0098.0	0067.5	0105.8
CO2	0367.5	0451.7	0365.1	0410.0
NOX	01.93	01.90	02.90	02.18

	IDLE	LO CR	HI CR	2500	
HC	09180	05318	04412		
LHC	1811	0801	0606		
CO	01.92	03.32	02.36		
NOX	0179	1063	2283		
HCSUN	1140	0600	0400	1280	
COSUN	01.40	02.80	02.00	03.80	

MPG 14.70

VEH.NO. 257 TEST SEQ. 1 YEAR 65 MAKE CHRYSLER MODEL STAW ODOMETER 083241 NO.CYL. 8 CID 413

CARB.VENT. 4 TRANS. 1 WEIGHT 5000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.50	+0100	+00	-15	1	2	1	0	2	0
FROM STATION	02.50	+0100	+00	-15	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0370	0260	05.20	04.40	1	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0370	0260	05.20	04.40	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0738 DATE 10/24/73 DRY 69 WET 50 PRES 24.55

	CT	CS	HT	1975
HC	12.18	07.57	11.16	09.53
CO	0154.5	0127.2	0129.8	0133.6
CO2	0461.2	0457.0	0411.2	0445.1
NOX	03.40	02.37	02.54	02.63

	IDLE	LO CR	HI CR	2500	
HC	04532	04242	04267		
LHC	0507	0582	0538		
CO	02.68	03.31	04.28		
NOX	0049	1711	1797		
HCSUN	0300	0350	0275	0275	
COSUN	02.60	02.70	03.40	03.20	

MPG 13.00

TEST NO.C0738 DATE 10/24/73 DRY 69 WET 50 PRES 24.55

	CT	CS	HT	1975
HC	12.18	07.57	11.16	09.53
CO	0154.5	0127.2	0129.8	0133.6
CO2	0461.2	0457.0	0411.2	0445.1
NOX	03.40	02.37	02.54	02.63

	IDLE	LO CR	HI CR	2500	
HC	04532	04242	04267		
LHC	0507	0582	0538		
CO	02.68	03.31	04.28		
NOX	0049	1711	1797		
HCSUN	0300	0350	0275	0275	
COSUN	02.60	02.70	03.40	03.20	

MPG 13.00

VEH.NO. 258 TEST SEQ. 1 YEAR 65 MAKE FORD MODEL THUN ODOMETER 083016 NO.CYL. 8 CID 390

CARB.VENT. 4 TRANS. 1 WEIGHT 5000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.12	+0000	+00	+06	1	1	1	0	2	0
FROM STATION	05.70	+0000	+00	+05	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0350	0170	07.10	03.10	3	002.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0240	0100	01.50	01.50	1	002.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0240	0100	01.90	01.50	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0739 DATE 10/24/73 DRY 76 WET 50 PRES 24.56

	CT	CS	HT	1975
HC	09.94	07.53	05.73	07.54
CO	0142.3	0169.1	0145.4	0156.9
CO2	0599.1	0526.4	0467.9	0525.4
NOX	03.68	01.80	01.88	02.21

	IDLE	LO CR	HI CR	2500	
HC	04494	03816	03504		
LHC	0436	0488	0438		
CO	05.16	04.15	03.99		
NOX	0074	0973	1327		
HCSUN	0280	0310	0240	0180	
COSUN	04.10	03.40	03.20	03.80	

MPG 11.19

TEST NO.C0762 DATE 10/25/73 DRY 72 WET 54 PRES 24.61

	CT	CS	HT	1975
HC	08.97	07.29	11.79	08.89
CO	0141.1	0174.3	0174.7	0167.5
CO2	0567.6	0568.2	0473.8	0541.9
NOX	03.59	01.91	01.51	02.15

	IDLE	LO CR	HI CR	2500	
HC	03927	03839	03536		
LHC	0461	0491	0449		
CO	05.70	05.48	05.47		
NOX	0085	0596	0759		
HCSUN	0380	0360	0270	0220	
COSUN	04.80	01.20	04.60	04.80	

MPG 10.69

SET

VEH.NO. 259 TEST SEQ. 1 YEAR 66 MAKE VOLKSWAGON MODEL FAST ODOMETER 115141 NO.CYL. 4 CID 097

CARB.VENT. 2 TRANS. 4 WEIGHT 2250 EXH.CON. 2 EVAP.CON. 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.40	+0050	+05	+00	0	1	1	0	2	0
FROM STATION	05.40	+0050	+05	+00	0	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0250	0220	03.10	00.55	1	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0250	0220	03.10	00.55	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0740 DATE 10/24/73 DRY 79 WET 50 PRES 24.62

	CT	CS	HT	1975
HC	07.74	04.14	03.60	04.74
CO	0140.9	0064.3	0066.5	0080.9
CO2	0287.9	0234.6	0194.8	0234.7
NOX	01.06	01.33	01.40	01.29

	IDLE	LO CR	HI CR	2500	
HC	05466	03313	02955		
LHC	0581	0424	0377		
CO	06.26	03.49	03.14		
NOX	0049	1456	2251		
HCSUN	0335	0230	0180	0240	
COSUN	04.80	03.10	02.90	03.20	

MPG 23.64

TEST NO.C0740 DATE 10/24/73 DRY 79 WET 50 PRES 24.62

	CT	CS	HT	1975
HC	07.74	04.14	03.60	04.74
CO	0140.9	0064.3	0066.5	0080.9
CO2	0287.9	0234.6	0194.8	0234.7
NOX	01.06	01.33	01.40	01.29

	IDLE	LO CR	HI CR	2500	
HC	05466	03313	02955		
LHC	0581	0424	0377		
CO	06.26	03.49	03.14		
NOX	0049	1456	2251		
HCSUN	0335	0230	0180	0240	
COSUN	04.80	03.10	02.90	03.20	

MPG 23.64

VEH.NO. 260 TEST SEQ. 1 YEAR 71 MAKE CHRYSLER MODEL IMPE ODOMETER 023677 NO.CYL. 8 CID 440

CARB.VENT. 4 TRANS. 1 WEIGHT 5000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.20	-0060	+08	+04	1	1	1	0	1	0
FROM STATION	05.20	-0060	+08	+04	1	1	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0120	0120	02.00	02.00	1	000.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0120	0120	02.00	02.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0741 DATE 10/24/73 DRY 74 WET 49 PRES 24.62

	CT	CS	HT	1975
HC	08.45	04.99	05.34	05.81
CO	0199.8	0117.6	0131.5	0138.7
CO2	0707.0	0763.0	0511.5	0681.5
NOX	01.82	01.61	02.24	01.83

	IDLE	LO CR	HI CR	2500
HC	03386	03117	03360	
LHC	0303	0309	0320	
CO	05.73	02.62	04.60	
NOX	0077	0701	0666	
HCSUN	0175	0130	0130	0140
COSUN	04.50	02.20	03.70	03.00

MPG 09.71

TEST NO.C0741 DATE 10/24/73 DRY 74 WET 49 PRES 24.62

	CT	CS	HT	1975
HC	08.45	04.99	05.34	05.81
CO	0199.8	0117.6	0131.5	0138.7
CO2	0707.0	0763.0	0511.5	0681.5
NOX	01.82	01.61	02.24	01.83

	IDLE	LO CR	HI CR	2500
HC	03386	03117	03360	
LHC	0303	0309	0320	
CO	05.73	02.62	04.60	
NOX	0077	0701	0666	
HCSUN	0175	0130	0130	0140
COSUN	04.50	02.20	03.70	03.00

MPG 09.71

VEH.NO. 261 TEST SEQ. 3 YEAR 69 MAKE FORD MODEL MUST ODOMETER 068680 NO.CYL. 6 CID 200

CARB.VENT. 1 TRANS. 3 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.75	+0170	-06	+03	2	2	1	0	1	0
FROM STATION	02.75	+0170	-06	+03	2	2	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0140	0160	03.00	03.40	1	005.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0140	0160	03.00	03.40	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0753 DATE 10/25/73 DRY 69 WET 49 PRES 24.64

	CT	CS	HT	1975
HC	05.51	04.54	04.25	04.66
CO	0076.7	0098.0	0069.2	0085.5
CO2	0401.3	0427.0	0340.3	0397.5
NOX	01.75	00.97	01.37	01.25

	IDLE	LO CR	HI CR	2500	
HC	03490	02306	04141		
LHC	0294	0248	0500		
CO	02.94	00.92	06.45		
NOX	0104	0994	0433		
HCSUN	0190	0130	0320	0175	
COSUN	03.10	00.90	05.30	03.50	

MPG 16.29

TEST NO.C0753 DATE 10/25/73 DRY 69 WET 49 PRES 24.64

	CT	CS	HT	1975
HC	05.51	04.54	04.25	04.66
CO	0076.7	0098.0	0069.2	0085.5
CO2	0401.3	0427.0	0340.3	0397.5
NOX	01.75	00.97	01.37	01.25

	IDLE	LO CR	HI CR	2500	
HC	03490	02306	04141		
LHC	0294	0248	0500		
CO	02.94	00.92	06.45		
NOX	0104	0994	0433		
HCSUN	0190	0130	0320	0175	
COSUN	03.10	00.90	05.30	03.50	

MPG 16.29

VEH.NO. 262 TEST SEQ. 3 YEAR 73 MAKE CHEVROLET MODEL STAW ODOMETER 017416 NO.CYL. 8 CID 454

CARB.VENT. 4 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.70	-0160	+00	+01	1	1	1	0	1	1
FROM STATION	01.70	-0160	+00	+01	1	1	1	0	1	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0250	0040	01.60	00.15	1	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0250	0040	01.60	00.15	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0754 DATE 10/25/73 DRY 69 WET 48 PRES 24.64

	CT	CS	HT	1975
HC	02.98	02.40	02.49	02.55
CO	0041.6	0037.7	0031.5	0036.8
CO2	0771.3	0786.3	0624.1	0738.2
NOX	02.99	01.38	03.96	02.43

	IDLE	LO CR	HI CR	2500	
HC	01613	01550	00945		
LHC	0251	0264	0211		
CO	02.14	00.19	00.32		
NOX	0041	1408	2328		
HCSUN	0100	0085	0050	0075	
COSUN	01.70	00.20	00.35	00.19	

MPG 11.08

TEST NO.C0754 DATE 10/25/73 DRY 69 WET 48 PRES 24.64

	CT	CS	HT	1975
HC	02.98	02.40	02.49	02.55
CO	0041.6	0037.7	0031.5	0036.8
CO2	0771.3	0786.3	0624.1	0738.2
NOX	02.99	01.38	03.96	02.43

	IDLE	LO CR	HI CR	2500	
HC	01613	01550	00945		
LHC	0251	0264	0211		
CO	02.14	00.19	00.32		
NOX	0041	1408	2328		
HCSUN	0100	0085	0050	0075	
COSUN	01.70	00.20	00.35	00.19	

MPG 11.08

VEH.NO. 263 TEST SEQ. 1 YEAR 68 MAKE DODGE MODEL DART ODOMETER 065448 NO.CYL. 8 CID 273

CARB.VENT. 2 TRANS. 3 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.19	+0080	+02	+00	1	1	1	0	2	0
FROM STATION	04.19	+0080	+02	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0160	0100	02.90	00.35	1	000.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0160	0100	02.90	00.35	1	

ADDL RPRS 006.00 EST 000.00

TEST NO.C0755 DATE 10/25/73 DRY 70 WET 47 PRES 24.65

	CT	CS	HT	1975
HC	04.96	04.25	03.32	04.14
CO	0043.0	0061.4	0035.1	0050.3
CO2	0421.1	0437.6	0367.0	0414.6
NOX	04.92	02.80	04.41	03.69

	IDLE	LO CR	HI CR	2500	
HC	03073	02351	02420		
LHC	0315	0347	0405		
CO	04.52	00.36	00.63		
NOX	0080	3305	3793		
HCSUN	0170	0175	0210		0140
COSUN	03.60	00.30	00.50		01.10

MPG 17.58

TEST NO.C0755 DATE 10/25/73 DRY 70 WET 47 PRES 24.65

	CT	CS	HT	1975
HC	04.96	04.25	03.32	04.14
CO	0043.0	0061.4	0035.1	0050.3
CO2	0421.1	0437.6	0367.0	0414.6
NOX	04.92	02.80	04.41	03.69

	IDLE	LO CR	HI CR	2500	
HC	03073	02351	02420		
LHC	0315	0347	0405		
CO	04.52	00.36	00.63		
NOX	0080	3305	3793		
HCSUN	0170	0175	0210		0140
COSUN	03.60	00.30	00.50		01.10

MPG 17.58

VEH.NO. 264 TEST SEQ. 1 YEAR 72 MAKE OPEL MODEL 1900 ODOMETER 022672 NO.CYL. 4 CID 116

CARB.VENT. 2 TRANS. 4 WEIGHT 2250 EXH.CON. 1 EVAP.CON. 1 PCV 2

	IDLE CO	IDLE RPM	TIMING	OWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.29	-0200	+05	+04	0	1	1	0	1	0
FROM STATION	06.80	+0000	+03	+04	0	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0385	0160	00.17	01.30	2	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0135	0150	02.70	01.80	1	005.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0135	0150	02.70	01.30	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0772 DATE 10/26/73 DRY 72 WET 50 PRES 24.77

	CT	CS	HT	1975
HC	07.11	06.05	04.65	05.88
CO	0107.2	0105.4	0063.4	0094.2
CO2	0273.2	0282.0	0239.7	0268.2
NOX	02.15	00.84	01.85	01.40

	IDLE	LO CR	HI CR	2500	
HC	03340	03823	03495		
LHC	0386	0470	0447		
CO	01.42	03.02	01.48		
NOX	0058	1219	3005		
HCSUN	0090	0185	0155		0190
COSUN	01.40	02.60	01.40		03.60

MPG 20.49

TEST NO.C0795 DATE 10/29/73 DRY 77 WET 52 PRES 24.53

	CT	CS	HT	1975
HC	06.39	04.24	04.55	04.78
CO	0093.0	0074.5	0068.0	0076.5
CO2	0295.1	0290.0	0253.0	0280.8
NOX	02.79	01.32	01.87	01.78

	IDLE	LO CR	HI CR	2500	
HC	04638	04118	03603		
LHC	0356	0512	0412		
CO	07.30	03.79	01.52		
NOX	0046	0714	2838		
HCSUN	0230	0375	0275		0210
COSUN	06.30	03.20	01.40		03.00

MPG 21.40

VEH.NO. 265 TEST SEQ. 5 YEAR 69 MAKE CHEVROLET MODEL CAPR ODOMETER 030213 NO.CYL. 8 CID 327

CARB.VENT. 4 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	07.60	-0060	+01	+00	1	1	1	0	1	0
FROM STATION	03.50	+0000	+00	+00	1	1	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0340	0350	07.40	00.90	4	002.50
AFT.RPM.ADJ	0240	0200	05.80	00.80	3	000.00
AFT.TI ADJ1	0170	0040	02.80	00.40	1	005.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0170	0040	02.80	00.40	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0770 DATE 10/26/73 DRY 72 WET 50 PRES 24.76

	CT	CS	HT	1975
HC	09.73	05.18	04.19	05.86
CO	0167.3	0078.1	0041.6	0086.6
CO2	0544.8	0515.4	0463.1	0507.0
NOX	04.69	04.28	06.61	05.01

	IDLE	LO CR	HI CR	2500	
HC	07236	03398	02761		
LHC	0629	0452	0361		
CO	08.11	01.27	00.28		
NOX	0039	2208	4137		
HCSUN	0420	0270	0160		0380
COSUN	07.00	01.10	00.25		01.60

MPG 13.46

TEST NO.C0785 DATE 10/29/73 DRY 71 WET 50 PRES 24.61

	CT	CS	HT	1975
HC	07.41	04.13	04.12	04.81
CO	0148.9	0054.5	0027.2	0066.7
CO2	0551.6	0573.3	0475.9	0541.7
NOX	03.76	03.19	04.30	03.62

	IDLE	LO CR	HI CR	2500	
HC	04020	03013	02101		
LHC	0471	0425	0318		
CO	03.95	01.78	00.32		
NOX	0070	1401	3205		
HCSUN	0350	0240	0130		0150
COSUN	03.10	01.50	00.30		01.70

MPG 13.46

VEH.NO. 266 TEST SEQ. 1 YEAR 67 MAKE FORD MODEL MUST ODOMETER 064477 NO.CYL. 6 CID 200

CARB.VENT. 1 TRANS. 3 WEIGHT 3000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.90	+0125	-02	-02	1	1	1	0	1	0
FROM STATION	00.40	-0055	+04	-01	1	1	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0320	0280	05.80	08.70	3	004.50
AFT.RPM.ADJ	0320	0280	05.90	08.70	3	001.50
AFT.TI ADJ1	0300	0380	01.80	07.80	1	001.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0300	0380	01.80	07.80	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0769 DATE 10/26/73 DRY 72 WET 50 PRES 24.76

	CT	CS	HT	1975
HC	06.83	05.37	04.52	05.45
CO	0094.5	0106.1	0085.2	0097.9
CO2	0298.5	0288.5	0264.4	0283.9
NOX	01.67	00.89	01.42	01.20

	IDLE	LO CR	HI CR	2500	
HC	03878	03798	04156		
LHC	0325	0435	0535		
CO	04.29	03.86	06.58		
NOX	0070	1091	0576		
HCSUN	0220	0270	0340	0240	
COSUN	03.80	03.30	05.40	06.00	

MPG 19.58

TEST NO.C0786 DATE 10/29/73 DRY 70 WET 50 PRES 24.59

	CT	CS	HT	1975
HC	10.33	09.55	05.78	08.67
CO	0143.4	0138.0	0131.1	0137.2
CO2	0258.8	0272.4	0231.5	0258.2
NOX	00.86	00.62	00.57	00.66

	IDLE	LO CR	HI CR	2500	
HC	08039	04375	04088		
LHC	1726	0581	0550		
CO	08.62	07.35	06.29		
NOX	0206	0363	0642		
HCSUN	1300	0400	0360	0420	
COSUN	08.60	06.00	05.10	07.40	

MPG 17.77

VEH.NO. 267 TEST SEQ. 4 YEAR 67 MAKE FORD MODEL FALC ODOMETER 103550 NO.CYL. 6 CID 200

CARB.VENT. 1 TRANS. 3 WEIGHT 2750 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	OWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.70	+0000	+09	-01	1	2	0	0	2	0
FROM STATION	04.70	-0100	+09	+00	1	2	0	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0430	0420	04.20	04.10	4	002.50
AFT.RPM.ADJ	0430	0420	04.20	04.20	4	002.50
AFT.TI ADJ1	0300	0280	03.10	03.10	1	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0300	0280	03.10	03.10	1	

ADDL RPRS 002.50 EST 000.00

TEST NO.C0784 DATE 10/26/73 DRY 69 WET 52 PRES 24.80

	CT	CS	HT	1975
HC	03.85	02.77	02.40	02.89
CO	0034.2	0029.6	0021.6	0028.3
CO2	0375.7	0354.3	0308.1	0345.9
NOX	07.33	03.36	05.39	04.76

	IDLE	LO CR	HI CR	2500	
HC	02233	03124	03074		
LHC	0240	0464	0445		
CO	00.86	00.31	00.71		
NOX	0084	3872	3976		
HCSUN	0260	0340	0300	0150	
COSUN	00.80	00.10	00.60	00.30	

MPG 22.29

TEST NO.C0796 DATE 10/30/73 DRY 69 WET 50 PRES 24.72

	CT	CS	HT	1975
HC	05.31	03.45	03.29	03.79
CO	0053.4	0046.1	0036.0	0044.8
CO2	0364.4	0321.6	0280.2	0319.1
NOX	05.61	02.98	04.62	03.99

	IDLE	LO CR	HI CR	2500	
HC	02269	03057	03120		
LHC	0261	0444	0446		
CO	00.57	00.46	02.09		
NOX	0084	3606	2468		
HCSUN	0125	0275	0250	0500	
COSUN	00.46	00.60	01.70	00.60	

MPG 22.18

VEH.NO. 268 TEST SEQ. 1 YEAR 73 MAKE DODGE MODEL DART ODOMETER 025094 NO.CYL. 6 CID 225

CARB.VENT. 2 TRANS. 1 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.60	+0000	+02	+00	1	2	1	0	1	1
FROM STATION	04.60	+0000	+02	+00	1	2	1	0	1	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0200	0120	06.00	01.80	1	000.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0200	0120	06.00	01.80	1	

ADDL RPRS 012.00 EST 000.00

TEST NO.C0774 DATE 10/26/73 DRY 72 WET 50 PRES 24.77

	CT	CS	HT	1975
HC	04.78	03.74	03.17	03.80
CO	0086.4	0051.9	0052.7	0059.4
CO2	0426.6	0409.3	0346.8	0395.6
NOX	03.43	03.16	03.26	03.24

	IDLE	LO CR	HI CR	2500
HC	04223	03070	04214	
LHC	0352	0368	0488	
CO	04.95	01.06	07.98	
NOX	0086	2968	0529	
HCSUN	0250	0235	0295	0135
COSUN	04.40	01.00	06.80	00.85

MPG 17.78

TEST NO.C0774 DATE 10/26/73 DRY 72 WET 50 PRES 24.77

	CT	CS	HT	1975
HC	04.78	03.74	03.17	03.80
CO	0086.4	0051.9	0052.7	0059.4
CO2	0426.6	0409.3	0346.8	0395.6
NOX	03.43	03.16	03.26	03.24

	IDLE	LO CR	HI CR	2500
HC	04223	03070	04214	
LHC	0352	0368	0488	
CO	04.95	01.06	07.98	
NOX	0086	2968	0529	
HCSUN	0250	0235	0295	0135
COSUN	04.40	01.00	06.80	00.85

MPG 17.78

SHC

VEH.NO. 269 TEST SEQ. 1 YEAR 68 MAKE TOYOTA MODEL CORO ODOMETER 061312 NO.CYL. 4 CID 116

CARB.VENT. 2 TRANS. 4 WEIGHT 2500 EXH.CON. 1 EVAP.CON. 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.50	-0210	+00	+00	0	2	1	0	2	0
FROM STATION	01.50	-0210	+00	+00	0	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0100	0050	01.10	00.90	1	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0100	0050	01.10	00.90	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0773 DATE 10/26/73 DRY 72 WET 50 PRES 24.77

	CT	CS	HT	1975
HC	03.82	03.06	02.88	03.17
CO	0064.6	0064.1	0073.0	0066.7
CO2	0348.7	0367.7	0274.8	0338.0
NOX	02.22	01.00	01.17	01.30

	IDLE	LO CR	HI CR	2500	
HC	02825	01780	02515		
LHC	0412	0317	0372		
CO	03.10	02.30	03.44		
NOX	0034	0550	1821		
HCSUN	0090	0060	0090	0030	
COSUN	01.20	01.20	02.20	00.57	

MPG 19.67

TEST NO.C0773 DATE 10/26/73 DRY 72 WET 50 PRES 24.77

	CT	CS	HT	1975
HC	03.82	03.06	02.88	03.17
CO	0064.6	0064.1	0073.0	0066.7
CO2	0348.7	0367.7	0274.8	0338.0
NOX	02.22	01.00	01.17	01.30

	IDLE	LO CR	HI CR	2500	
HC	02825	01780	02515		
LHC	0412	0317	0372		
CO	03.10	02.30	03.44		
NOX	0034	0550	1821		
HCSUN	0090	0060	0090	0030	
COSUN	01.20	01.20	02.20	00.57	

MPG 19.67

VEH.NO. 270 TEST SEQ. 1 YEAR 71 MAKE CHEVROLET MODEL NOVA ODOMETER 095217 NO.CYL. 6 CID 250

CARB.VENT. 1 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.26	+0140	-02	+00	2	1	1	0	1	0
FROM STATION	02.26	+0140	-02	+00	2	1	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0120	0030	01.50	00.20	1	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0120	0030	01.50	00.20	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0775 DATE 10/26/73 DRY 72 WET 50 PRES 24.77

	CT	CS	HT	1975
HC	05.05	02.60	03.13	03.26
CO	0085.1	0030.4	0032.2	0042.3
CO2	0501.1	0486.2	0392.0	0463.2
NOX	04.07	02.79	04.59	03.56

	IDLE	LO CR	HI CR	2500	
HC	02461	02502	03005		
LHC	0255	0344	0363		
CO	02.47	00.20	01.66		
NOX	0088	2888	2496		
HCSUN	0140	0180	0180	0065	
COSUN	02.40	00.20	01.50	00.29	

MPG 16.49

TEST NO.C0775 DATE 10/26/73 DRY 72 WET 50 PRES 24.77

	CT	CS	HT	1975
HC	05.05	02.60	03.13	03.26
CO	0085.1	0030.4	0032.2	0042.3
CO2	0501.1	0486.2	0392.0	0463.2
NOX	04.07	02.79	04.59	03.56

	IDLE	LO CR	HI CR	2500	
HC	02461	02502	03005		
LHC	0255	0344	0363		
CO	02.47	00.20	01.66		
NOX	0088	2888	2496		
HCSUN	0140	0180	0180	0065	
COSUN	02.40	00.20	01.50	00.29	

MPG 16.49

LHC

VEH.NO. 271 TEST SEQ. 4 YEAR 67 MAKE PONTIAC MODEL FIRE ODOMETER 059028 NO.CYL. 8 CID 326

CARB.VENT. 4 TRANS. 1 WEIGHT 3500 EXH.CON. 2 EVAP.CON. ? PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.23	-0115	+00	+00	1	1	1	0	2	0
FROM STATION	06.23	-0115	+00	+00	1	1	1	0	?	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0720	0400	03.90	02.00	1	000.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0720	0400	03.90	02.00	1	

ADDL PRRS 004.00 EST 000.00

TEST NO.00787 DATE 10/29/73 DRY 70 WET 50 PRES 24.59

	CT	CS	HT	1975
HC	12.18	09.58	10.32	10.33
CO	0175.2	0157.4	0143.2	0157.2
CO2	0445.9	0405.1	0329.7	0392.7
NOX	02.20	01.34	01.69	01.62

	IDLE	LO CR	HI CR	2500	
HC	07305	04055	04353		
LHC	0910	0566	0578		
CO	06.91	02.17	05.88		
NOX	0049	1713	0855		
HCSUN	0800	0370	0370	0480	
COSUN	05.10	01.80	04.60	02.80	

MPG 13.25

TEST NO.00787 DATE 10/29/73 DRY 70 WET 50 PRES 24.59

	CT	CS	HT	1975
HC	12.18	09.58	10.32	10.33
CO	0175.2	0157.4	0143.2	0157.2
CO2	0445.9	0405.1	0329.7	0392.7
NOX	02.20	01.34	01.59	01.62

	IDLE	LO CR	HI CR	2500	
HC	07305	04055	04353		
LHC	0910	0566	0578		
CO	06.91	02.17	05.88		
NOX	0049	1713	0855		
HCSUN	0800	0370	0370	0480	
COSUN	05.10	01.80	04.60	02.80	

MPG 13.25

VEH.NO. 272 TEST SEQ. 4 YEAR 66 MAKE PLYMOUTH MODEL FURY ODOMETER 092494 NO.CYL. 8 CID 318

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	07.60	+0100	-05	+00	1	2	1	0	1	0
FROM STATION	06.80	+0000	+01	+00	2	2	0	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0400	0300	09.20	06.50	3	000.00
AFT.RPM.ADJ	0900	0350	03.00	03.00	2	000.00
AFT.TI ADJ1	0600	0300	04.50	02.50	1	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0600	0300	04.50	02.50	1	

ADDL RPRS 012.00 EST 000.00

TEST NO.C0788 DATE 10/29/73 DRY 70 WET 50 PRES 24.57

	CT	CS	HT	1975
HC	12.93	07.64	06.81	08.52
CO	0209.3	0139.2	0139.9	0153.8
CO2	0418.1	0443.0	0393.8	0424.1
NOX	02.77	02.87	02.93	02.87

	IDLE	LO CR	HI CR	2500	
HC	06679	04193	04513		
LHC	0785	0536	0606		
CO	08.03	03.65	03.52		
NOX	0060	2152	2235		
HCSUN	0710	0330	0380	0165	
COSUN	06.50	03.00	02.90	05.70	

MPG 12.86

TEST NO.C0797 DATE 10/30/73 DRY 71 WET 55 PRES 24.70

	CT	CS	HT	1975
HC	11.28	08.63	07.05	08.75
CO	0172.6	0135.7	0128.6	0142.0
CO2	0487.9	0439.5	0406.1	0440.4
NOX	03.93	02.91	03.53	03.30

	IDLE	LO CR	HI CR	2500	
HC	07182	04111	03475		
LHC	0835	0524	0403		
CO	07.48	04.45	03.10		
NOX	0058	1402	2052		
HCSUN	0730	0360	0235	0550	
COSUN	06.00	03.50	02.60	04.60	

MPG 12.89

QRS

VEH.NO. 273 TEST SEQ. 3 YEAR 70 MAKE CHEVROLET MODEL CAPR ODOMETER 047305 NO.CYL. 8 CID 400

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	07.00	-0090	-04	+00	1	2	1	0	2	0
FROM STATION	03.30	-0080	+06	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0220	0140	05.00	04.00	3	003.50
AFT.RPM.ADJ	0200	0160	04.60	03.50	3	002.00
AFT.TI ADJ1	0140	0070	03.40	01.40	1	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0140	0070	03.40	01.40	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0789 DATE 10/29/73 DRY 78 WET 51 PRES 24.57

	CT	CS	HT	1975
HC	10.33	05.27	05.11	06.28
CO	0203.1	0109.1	0092.9	0125.3
CO2	0600.5	0603.4	0448.6	0559.8
NOX	02.12	02.02	02.09	02.06

	IDLE	LO CR	HI CR	2500	
HC	05203	02814	03375		
LHC	0475	0370	0404		
CO	07.60	01.63	03.54		
NOX	0063	1198	1385		
HCSUN	0250	0160	0190	0110	
COSUN	05.60	01.20	02.90	02.90	

MPG 11.47

TEST NO.C0806 DATE 10/30/73 DRY 70 WET 50 PRES 24.56

	CT	CS	HT	1975
HC	11.44	04.17	05.32	06.18
CO	0213.4	0079.0	0078.7	0107.1
CO2	0647.4	0648.0	0500.8	0607.0
NOX	02.35	02.40	02.72	02.48

	IDLE	LO CR	HI CR	2500	
HC	03472	02646	03130		
LHC	0411	0332	0377		
CO	03.66	01.31	02.90		
NOX	0123	1224	1571		
HCSUN	0260	0160	0175	0080	
COSUN	03.20	01.00	02.40	02.10	

MPG 11.21

VEH.NO. 274 TEST SEQ. 3 YEAR 70 MAKE BUICK MODEL SKYL ODOMETER 034266 NO.CYL. 8 CID 350

CARB.VENT. 4 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.51	-0100	+03	-05	1	1	1	1	2	0
FROM STATION	00.51	-0100	+03	-05	1	1	1	1	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0120	0090	00.10	01.30	1	001.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0120	0090	00.10	01.30	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0790 DATE 10/29/73 DRY 78 WET 51 PRES 24.57

	CT	CS	HT	1975
HC	11.64	03.90	03.95	05.53
CO	0231.7	0058.9	0075.3	0099.6
CO2	0491.6	0528.2	0416.9	0489.7
NOX	02.32	03.41	03.18	03.12

	IDLE	LO CR	HI CR	2500	
HC	02700	02993	04026		
LHC	0345	0389	0493		
CO	00.54	01.08	08.73		
NOX	0076	2587	0314		
HCSUN	0200	0215	0280	0160	
COSUN	00.45	01.10	06.80	02.50	

MPG 13.42

TEST NO.C0790 DATE 10/29/73 DRY 78 WET 51 PRES 24.57

	CT	CS	HT	1975
HC	11.64	03.90	03.95	05.53
CO	0231.7	0058.9	0075.3	0099.6
CO2	0491.6	0528.2	0416.9	0489.7
NOX	02.32	03.41	03.18	03.12

	IDLE	LO CR	HI CR	2500	
HC	02700	02993	04026		
LHC	0345	0389	0493		
CO	00.54	01.08	08.73		
NOX	0076	2587	0314		
HCSUN	0200	0215	0280	0160	
COSUN	00.45	01.10	06.80	02.50	

MPG 13.42

VEH.NO. 276 TEST SEQ. 4 YEAR 66 MAKE PONTIAC MODEL LEMA ODOMETER 073426 NO.CYL. 8 CID 326

CARB.VENT. 4 TRANS. 1 WEIGHT 3500 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	07.40	-0070	-03	+00	1	1	1	0	2	0
FROM STATION	02.00	-0060	-01	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0800	0225	08.50	02.60	4	000.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0620	0210	04.20	01.30	1	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0620	0210	04.20	01.30	1	

ADDL RPRS 006.00 EST 000.00

TEST NO.C0798 DATE 10/30/73 DRY 75 WET 53 PRES 24.70

	CT	CS	HT	1975
HC	11.94	08.93	06.47	08.88
CO	0149.2	0126.3	0105.2	0125.1
CO2	0493.7	0455.7	0409.4	0450.8
NOX	03.72	02.65	03.24	03.04

	IDLE	LO CR	HI CR	2500	
HC	08090	03838	05241		
LHC	0891	0481	0637		
CO	07.93	00.62	10.14		
NOX	0034	2668	0228		
HCSUN	0800	0360	0430	0150	
COSUN	06.40	00.52	07.80	02.40	

MPG 13.19

TEST NO.C0810 DATE 10/31/73 DRY 70 WET 49 PRES 24.52

	CT	CS	HT	1975
HC	07.55	05.43	04.82	05.70
CO	0102.1	0067.2	0074.2	0076.5
CO2	0536.8	0468.2	0419.1	0468.9
NOX	05.03	02.79	03.50	03.46

	IDLE	LO CR	HI CR	2500	
HC	05575	03476	04772		
LHC	0787	0500	0654		
CO	02.17	00.27	08.70		
NOX	0051	2495	0295		
HCSUN	0580	0280	0400	0225	
COSUN	01.70	00.30	07.00	00.90	

MPG 14.67

VEH.NO. 277 TEST SEQ. 1 YEAR 66 MAKE FORD MODEL STAW ODOMETER 084032 NO.CYL. 8 CID 289

CARB.VENT. 2 TRANS. 1 WEIGHT 3000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	07.40	+0060	-02	+00	1	2	1	0	2	0
FROM STATION	02.00	+0000	-02	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0400	0700	08.60	08.60	3	002.50
AFT.RPM.ADJ	0520	0540	07.20	06.00	3	002.00
AFT.TI ADJ1	0350	0500	00.50	05.80	1	005.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0350	0500	00.50	05.80	1	

ADDL PRPS 004.20 EST 000.00

TEST NO.C0854 DATE 11/05/73 DRY 69 WET 50 PRES 24.55

	CT	CS	HT	1975
HC	14.33	15.94	09.96	13.94
CO	0151.0	0220.6	0128.2	0180.4
CO2	0368.8	0344.4	0313.6	0341.0
NOX	01.84	00.89	01.82	01.35

	IDLE	LO CR	HI CR	2500	
HC	05223	05219	04592		
LHC	0449	0706	0555		
CO	07.75	04.39	03.72		
NOX	0056	1150	1353		
HCSUN	0235	0400	0290	0560	
COSUN	04.50	02.50	02.20	05.30	

MPG 13.32

TEST NO.C0884 DATE 11/06/73 DRY 76 WET 54 PRES 24.64

	CT	CS	HT	1975
HC	13.27	11.98	09.63	11.60
CO	0151.5	0164.6	0112.9	0147.5
CO2	0401.0	0357.7	0347.9	0369.2
NOX	01.95	01.14	02.06	01.57

	IDLE	LO CR	HI CR	2500	
HC	03928	05405	04972		
LHC	0544	0764	0640		
CO	02.15	03.79	05.86		
NOX	0064	1149	0591		
HCSUN	0135	0185	0135	0250	
COSUN	02.00	03.50	05.20	09.80	

MPG 13.97

VEH.NO. 278 TEST SEQ. 1 YEAR 65 MAKE FORD MODEL MUST ODOMETER 059885 NO.CYL. 8 CID 289

CARB.VENT. 4 TRANS. 1 WEIGHT 3000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.30	+0120	+00	+00	1	2	1	0	2	0
FROM STATION	05.30	+0120	+00	+00	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0230	0270	03.10	02.60	1	002.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0230	0270	03.10	02.60	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0801 DATE 10/30/73 DRY 72 WET 50 PRES 24.70

	CT	CS	HT	1975
HC	09.05	05.73	04.93	06.20
CO	0096.5	0100.6	0055.5	0087.2
CO2	0429.2	0418.5	0396.1	0414.5
NOX	03.16	02.32	03.96	02.95

	IDLE	LO CR	HI CR	2500	
HC	04394	04167	03539		
LHC	0485	0653	0651		
CO	05.64	03.35	02.30		
NOX	0064	1321	1304		
HCSUN	0320	0470	0310	0380	
COSUN	04.20	02.70	01.90	03.40	

MPG 15.59

TEST NO.C0801 DATE 10/30/73 DRY 72 WET 50 PRES 24.70

	CT	CS	HT	1975
HC	09.05	05.73	04.93	06.20
CO	0096.5	0100.6	0055.5	0087.2
CO2	0429.2	0418.5	0396.1	0414.5
NOX	03.16	02.32	03.96	02.95

	IDLE	LO CR	HI CR	2500	
HC	04394	04167	03539		
LHC	0485	0653	0551		
CO	05.64	03.35	02.30		
NOX	0064	1321	1304		
HCSUN	0320	0470	0310	0380	
COSUN	04.20	02.70	01.90	03.40	

MPG 15.59

VEH.NO. 279 TEST SEQ. 1 YEAR 73 MAKE TOYOTA MODEL STAW ODOMETER 003829 NO.CYL. 4 CID 120

CARB.VENT. 2 TRANS. 1 WEIGHT 2500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.01	+0030	+00	+00	1	1	1	0	2	0
FROM STATION	03.01	+0030	+00	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0290	0110	02.60	02.20	1	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0290	0110	02.60	02.20	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0802 DATE 10/30/73 DRY 72 WET 50 PRES 24.70

	CT	CS	HT	1975
HC	04.36	03.24	02.76	03.34
CO	0078.6	0061.6	0041.9	0059.7
CO2	0429.0	0374.9	0359.2	0381.9
NOX	03.73	02.14	03.51	02.85

	IDLE	LO CR	HI CR	2500
HC	04856	03174	03009	
LHC	0563	0418	0393	
CO	04.70	02.60	01.75	
NOX	0082	0828	2135	
HCSUN	0250	0190	0165	0140
COSUN	02.60	01.90	01.40	03.00

MPG 18.32

TEST NO.C0802 DATE 10/30/73 DRY 72 WET 50 PRES 24.70

	CT	CS	HT	1975
HC	04.36	03.24	02.76	03.34
CO	0078.6	0061.6	0041.9	0059.7
CO2	0429.0	0374.9	0359.2	0381.9
NOX	03.73	02.14	03.51	02.85

	IDLE	LO CR	HI CR	2500
HC	04856	03174	03009	
LHC	0563	0418	0393	
CO	04.70	02.60	01.75	
NOX	0082	0828	2135	
HCSUN	0250	0190	0165	0140
COSUN	02.60	01.90	01.40	03.00

MPG 18.32

VEH.NO. 280 TEST SEQ. 4 YEAR 67 MAKE CHEVROLET MODEL STAW ODOMETER 096491 NO.CYL. 8 CID 327

CARB.VENT. 4 TRANS. 3 WEIGHT 4000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.90	-0240	-02	+06	1	2	1	0	2	0
FROM STATION	03.60	-0150	-02	+05	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0540	0340	05.60	06.80	4	005.50
AFT.RPM.ADJ	0520	0350	05.40	06.60	4	003.30
AFT.TI ADJ1	0360	0320	02.60	05.20	1	003.30
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0360	0320	02.60	05.20	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0799 DATE 10/30/73 DRY 75 WET 53 PRES 24.70

	CT	CS	HT	1975
HC	19.84	12.63	08.96	13.12
CO	0210.1	0184.6	0143.5	0178.5
CO2	0361.5	0351.7	0315.6	0344.0
NOX	01.32	00.78	01.21	01.01

	IDLE	LO CR	HI CR	2500	
HC	07510	05583	04698		
LHC	0879	0686	0597		
CO	06.80	06.12	04.05		
NOX	0055	0720	1375		
HCSUN	0860	0550	0400	0640	
COSUN	04.80	04.70	03.30	05.80	

MPG 13.37

TEST NO.C0811 DATE 10/31/73 DRY 70 WET 49 PRES 24.52

	CT	CS	HT	1975
HC	16.58	08.16	07.63	09.78
CO	0202.0	0152.7	0136.1	0158.4
CO2	0393.4	0398.1	0329.5	0378.1
NOX	01.12	00.61	00.96	00.82

	IDLE	LO CR	HI CR	2500	
HC	05088	04709	03963		
LHC	0585	0669	0564		
CO	03.84	05.94	03.83		
NOX	0057	0428	1020		
HCSUN	0400	0430	0320	0440	
COSUN	03.10	04.60	03.10	05.10	

MPG 13.54

VEH.NO. 281 TEST SEQ. 1 YEAR 66 MAKE FORD MODEL MUST ODOMETER 059352 NO.CYL. 6 CID 200

CARB.VENT. 1 TRANS. 1 WEIGHT 3000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.60	-0050	-06	-01	2	1	1	0	2	0
FROM STATION	02.60	-0050	-06	-01	2	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0260	0250	03.40	06.00	1	004.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0260	0250	03.40	06.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0800 DATE 10/30/73 DRY 72 WET 52 PRES 24.70

	CT	CS	HT	1975
HC	12.14	04.89	04.20	06.22
CO	0221.4	0068.1	0080.9	0103.7
CO2	0383.2	0420.0	0375.0	0399.8
NOX	01.12	02.51	02.58	02.24

	IDLE	LO CR	HI CR	2500	
HC	04146	04143	04520		
LHC	0452	0500	0523		
CO	02.80	02.77	08.85		
NOX	0097	1589	0526		
HCSUN	0310	0335	0310	0330	
COSUN	02.70	02.40	07.10	05.00	

MPG 15.29

TEST NO.C0800 DATE 10/30/73 DRY 72 WET 52 PRES 24.70

	CT	CS	HT	1975
HC	12.14	04.89	04.20	06.22
CO	0221.4	0068.1	0080.9	0103.7
CO2	0383.2	0420.0	0375.0	0399.8
NOX	01.12	02.51	02.58	02.24

	IDLE	LO CR	HI CR	2500	
HC	04146	04143	04520		
LHC	0452	0500	0523		
CO	02.80	02.77	08.85		
NOX	0097	1589	0526		
HCSUN	0310	0335	0310	0330	
COSUN	02.70	02.40	07.10	05.00	

MPG 15.29

LSC

VEH.NO. 282 TEST SEQ. 3 YEAR 68 MAKE FORD MODEL FALC ODOMETER 097889 NO.CYL. 6 CID 170

CARB.VENT. 1 TRANS. 3 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.40	+0020	-04	+01	1	2	1	0	2	0
FROM STATION	02.40	+0020	-04	+01	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0180	0200	01.40	02.80	1	000.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0180	0200	01.40	02.80	1	

ADDL RPRS 004.00 EST 000.00

TEST NO.C0813 DATE 10/31/73 DRY 68 WET 48 PRES 24.53

	CT	CS	HT	1975
HC	19.60	05.43	03.84	07.96
CO	0197.9	0089.9	0052.6	0102.2
CO2	0263.6	0379.4	0311.8	0336.4
NOX	00.28	00.82	01.75	00.97

	IDLE	LO CR	HI CR	2500
HC	03021	03936	02894	
LHC	0325	0515	0379	
CO	03.04	01.72	01.22	
NOX	0037	1830	2169	
HCSUN	0130	0210	0140	0060
COSUN	02.30	01.20	01.00	00.40

MPG 17.06

TEST NO.C0813 DATE 10/31/73 DRY 68 WET 48 PRES 24.53

	CT	CS	HT	1975
HC	19.60	05.43	03.84	07.96
CO	0197.9	0089.9	0052.6	0102.2
CO2	0263.6	0379.4	0311.8	0336.4
NOX	00.28	00.82	01.75	00.97

	IDLE	LO CR	HI CR	2500
HC	03021	03936	02894	
LHC	0325	0515	0379	
CO	03.04	01.72	01.22	
NOX	0037	1830	2169	
HCSUN	0130	0210	0140	0060
COSUN	02.30	01.20	01.00	00.40

MPG 17.06

VEH.NO. 283 TEST SEQ. 5 YEAR 68 MAKE PONTIAC MODEL CATA ODOMETER 075255 NO.CYL. 8 CID 400

CARB.VENT. 4 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.13	-0190	+01	+01	1	1	1	0	1	0
FROM STATION	00.13	-0190	+01	+01	1	1	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0270	0160	03.40	03.40	1	002.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0270	0160	03.40	03.40	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0812 DATE 10/31/73 DRY 71 WET 49 PRES 24.53

	CT	CS	HT	1975
HC	06.32	06.03	04.92	05.78
CO	0161.9	0178.8	0105.0	0154.8
CO2	0620.2	0546.5	0480.6	0543.6
NOX	02.70	01.07	02.59	01.83

	IDLE	LO CR	HI CR	2500
HC	02634	03255	03185	
LHC	0371	0455	0454	
CO	00.16	03.37	04.12	
NOX	0064	0796	1295	
HCSUN	0180	0240	0220	0225
COSUN	00.13	00.80	03.40	02.80

MPG 11.06

TEST NO.C0812 DATE 10/31/73 DRY 71 WET 49 PRES 24.53

	CT	CS	HT	1975
HC	06.32	06.03	04.92	05.78
CO	0161.9	0178.8	0105.0	0154.8
CO2	0620.2	0546.5	0480.6	0543.6
NOX	02.70	01.07	02.59	01.83

	IDLE	LO CR	HI CR	2500
HC	02634	03255	03185	
LHC	0371	0455	0454	
CO	00.16	03.37	04.12	
NOX	0064	0796	1295	
HCSUN	0180	0240	0220	0225
COSUN	00.13	00.80	03.40	02.80

MPG 11.06

VEH.NO. 284 TEST SEQ. 3 YEAR 71 MAKE RAMBLER MODEL AMBA ODOMETER 031837 NO.CYL. 8 CID 401

CARB.VENT. 4 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	07.60	-0090	+00	+07	1	1	1	0	1	0
FROM STATION	06.60	-0060	+00	+00	1	1	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0160	1200	03.60	00.60	2	001.50
AFT.RPM.ADJ	0150	1240	02.40	00.80	2	001.50
AFT.TI ADJ1	0130	1020	01.60	00.80	2	001.50
AFT.TI ADJ2	0160	0700	01.40	00.60	2	003.00
FINAL	0170	0290	03.00	00.60	1	

ADDL RPRS 034.20 EST 000.00

TEST NO.C0814 DATE 10/31/73 DRY 70 WET 45 PRES 24.53

	CT	CS	HT	1975
HC	08.77	06.74	07.36	07.34
CO	0074.9	0120.7	0074.8	0098.4
CO2	0559.6	0491.0	0449.2	0493.8
NOX	06.12	02.83	05.31	04.21

	IDLE	LO CR	HI CR	2500	
HC	05701	03584	03224		
LHC	0459	0496	0417		
CO	08.25	01.34	01.54		
NOX	0049	2427	3779		
HCSUN	0270	0300	0230	1510	
COSUN	06.30	01.10	01.20	01.00	

MPG 13.26

TEST NO.C0862 DATE 11/05/73 DRY 70 WET 53 PRES 24.73

	CT	CS	HT	1975
HC	11.80	08.00	07.09	08.55
CO	0115.9	0110.8	0112.0	0112.2
CO2	0539.2	0508.0	0447.9	0497.9
NOX	06.65	04.70	04.81	05.14

	IDLE	LO CR	HI CR	2500	
HC	05609	03859	04250		
LHC	0603	0471	0498		
CO	07.53	01.44	06.33		
NOX	0061	2971	1025		
HCSUN	0345	0265	0275	0600	
COSUN	06.50	01.10	06.10	01.40	

MPG 12.70

VEH.NO. 285 TEST SEQ. 3 YEAR 68 MAKE PLYMOUTH MODEL BARR ODOMETER 060568 NO.CYL. 8 CID 318

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.80	+0120	+00	-02	1	2	1	0	1	0
FROM STATION	06.20	+0000	+00	-02	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0350	0250	02.80	01.50	2	004.50
AFT.RPM.ADJ	0340	0240	02.80	01.50	2	001.50
AFT.TI ADJ1	0240	0150	03.20	01.50	1	003.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0240	0150	03.20	01.50	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0815 DATE 10/31/73 DRY 74 WET 50 PRES 24.53

	CT	CS	HT	1975
HC	06.94	04.31	04.00	04.78
CO	0115.6	0049.7	0056.0	0065.2
CO2	0467.2	0480.6	0431.7	0464.2
NOX	04.30	05.46	05.93	05.35

	IDLE	LO CR	HI CR	2500	
HC	04076	03060	03018		
LHC	0368	0395	0366		
CO	03.00	00.60	01.95		
NOX	0073	3951	2666		
HCSUN	0270	0260	0225	0330	
COSUN	02.70	00.50	01.50	01.20	

MPG 15.31

TEST NO.C0833 DATE 11/01/73 DRY 81 WET 52 PRES 24.25

	CT	CS	HT	1975
HC	07.24	04.48	03.91	04.90
CO	0134.4	0063.3	0070.7	0080.2
CO2	0491.9	0504.8	0470.4	0492.6
NOX	03.04	03.11	03.76	03.27

	IDLE	LO CR	HI CR	2500	
HC	04051	03389	03115		
LHC	0443	0429	0374		
CO	06.69	02.57	03.27		
NOX	0073	1643	1249		
HCSUN	0310	0275	0210	0170	
COSUN	05.80	02.20	02.80	02.70	

MPG 14.05

VEH.NO. 286 TEST SEQ. 3 YEAR 68 MAKE DODGE MODEL CHAR ODOMETER 065609 NO.CYL. 8 CID 318

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.40	+0000	+00	-02	1	2	1	0	2	0
FROM STATION	04.30	-0050	+06	-02	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0300	0520	04.40	03.00	4	000.00
AFT.RPM.ADJ	0200	0190	02.50	03.80	2	000.00
AFT.TI ADJ1	0200	0170	02.50	03.00	1	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0200	0170	02.50	03.00	1	

ADDL RPRS 012.00 EST 000.00

TEST NO.C0816 DATE 10/31/73 DRY 74 WET 50 PRES 24.49

	CT	CS	HT	1975
HC	08.95	06.31	05.72	06.70
CO	0170.2	0099.4	0096.6	0113.5
CO2	0410.3	0458.8	0411.1	0435.4
NOX	01.24	02.29	01.82	01.94

	IDLE	LO CR	HI CR	2500
HC	04096	04482	04187	
LHC	0439	0601	0475	
CO	05.10	02.14	04.52	
NOX	0081	1617	0648	
HCSUN	0270	0420	0280	0250
COSUN	03.10	01.90	03.80	03.20

MPG 14.03

TEST NO.C0834 DATE 11/01/73 DRY 77 WET 52 PRES 24.20

	CT	CS	HT	1975
HC	13.05	05.85	05.28	07.20
CO	0201.2	0081.4	0089.2	0108.6
CO2	0434.8	0465.0	0405.8	0442.2
NOX	01.23	02.37	01.95	02.02

	IDLE	LO CR	HI CR	2500
HC	03886	04415	03876	
LHC	0489	0599	0446	
CO	04.79	02.82	04.74	
NOX	0089	1268	0570	
HCSUN	0340	0420	0270	0340
COSUN	04.10	02.60	04.30	03.10

MPG 14.01

VEH.NO. 287 TEST SEQ. 3 YEAR 71 MAKE BUICK MODEL LESA ODOMETER 017998 NO.CYL. 8 CID 455

CARB.VENT. 4 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.10	+0020	-10	+00	1	2	1	0	2	0
FROM STATION	03.60	+0020	-06	+00	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0420	0430	04.10	04.20	4	002.50
AFT.RPM.ADJ	0420	0430	04.10	04.20	4	000.00
AFT.TI ADJ1	0220	0200	02.10	02.00	1	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	002.50
FINAL	0220	0200	02.10	02.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0817 DATE 10/31/73 DRY 74 WET 50 PRES 24.47

	CT	CS	HT	1975
HC	06.58	06.05	05.09	05.89
CO	0143.0	0151.2	0102.2	0135.9
CO2	0775.5	0763.9	0665.8	0739.1
NOX	03.61	01.56	03.42	02.50

	IDLE	LO CR	HI CR	2500	
HC	03900	02971	02904		
LHC	0406	0331	0328		
CO	05.56	00.92	02.53		
NOX	0071	1454	1798		
HCSUN	0275	0180	0155	0070	
COSUN	04.50	00.75	02.20	02.25	

MPG 09.17

TEST NO.C0835 DATE 11/01/73 DRY 78 WET 51 PRES 24.20

	CT	CS	HT	1975
HC	06.50	04.92	04.35	05.26
CO	0133.2	0103.6	0099.1	0103.5
CO2	0730.3	0753.1	0635.7	0715.8
NOX	03.35	01.91	03.24	02.58

	IDLE	LO CR	HI CR	2500	
HC	03340	03509	02790		
LHC	0357	0411	0308		
CO	03.72	03.92	01.64		
NOX	0077	0663	2169		
HCSUN	0240	0270	0140	0080	
COSUN	03.60	03.70	01.50	02.30	

MPG 09.37

VEH.NO. 288 TEST SEQ. 6 YEAR 68 MAKE PONTIAC MODEL TEMP ODOMETER 040178 NO.CYL. 8 CID 350

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.40	-0130	+03	+00	1	1	1	0	2	0
FROM STATION	02.50	-0025	-02	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0250	0110	05.00	01.00	3	003.50
AFT.RPM.ADJ	0250	0110	05.00	01.00	3	002.00
AFT.TI ADJ1	0130	0100	01.40	01.40	1	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0130	0100	01.40	01.40	1	

ADDL RPRS 002.00 EST 000.00

TEST NO.C0818 DATE 10/31/73 DRY 69 WET 49 PRES 24.47

	CT	CS	HT	1975
HC	07.68	04.47	04.33	05.10
CO	0162.6	0065.3	0074.9	0088.8
CO2	0587.9	0611.1	0521.5	0581.4
NOX	02.92	02.83	03.75	03.10

	IDLE	LO CR	HI CR	2500	
HC	04165	03341	03352		
LHC	0520	0419	0412		
CO	06.40	01.33	02.71		
NOX	0070	1590	1586		
HCSUN	0360	0250	0225	0145	
COSUN	04.90	01.10	02.30	01.00	

MPG 12.08

TEST NO.C0836 DATE 11/01/73 DRY 75 WET 51 PRES 24.20

	CT	CS	HT	1975
HC	10.65	04.19	03.84	05.44
CO	0177.3	0067.2	0066.9	0090.2
CO2	0604.7	0615.7	0521.0	0587.1
NOX	03.11	02.52	03.72	02.97

	IDLE	LO CR	HI CR	2500	
HC	03127	03088	03080		
LHC	0348	0355	0360		
CO	02.92	01.36	02.39		
NOX	0161	1652	1827		
HCSUN	0220	0210	0190	0120	
COSUN	02.35	01.40	02.15	01.90	

MPG 11.34

VEH.NO. 289 TEST SEQ. 2 YEAR 69 MAKE VOLKSWAGON MODEL SEDA ODOMETER 063512 NO.CYL. 4 CID 091

CARB.VENT. 1 TRANS. 4 WEIGHT 2000 EXH.CON. 1 EVAP.CON. 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.20	+0100	+00	+00	1	1	1	0	2	0
FROM STATION	06.20	+0100	+00	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0160	0160	03.30	03.60	1	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0160	0160	03.40	03.60	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0826 DATE 11/01/73 DRY 70 WET 50 PRES 24.23

	CT	CS	HT	1975
HC	06.46	06.09	04.35	05.68
CO	0098.5	0084.3	0071.4	0083.7
CO2	0258.7	0259.1	0213.8	0246.4
NOX	01.73	01.38	01.69	01.54

	IDLE	LO CR	HI CR	2500
HC	04124	03156	02844	
LHC	0312	0374	0377	
CO	06.44	03.90	02.28	
NOX	0068	0840	2428	
HCSUN	0210	0220	0215	0300
COSUN	04.90	03.10	01.90	03.40

MPG 22.50

TEST NO.C0826 DATE 11/01/73 DRY 70 WET 50 PRES 24.23

	CT	CS	HT	1975
HC	06.46	06.09	04.35	05.68
CO	0098.5	0084.3	0071.4	0083.7
CO2	0258.7	0259.1	0213.8	0246.4
NOX	01.73	01.38	01.69	01.54

	IDLE	LO CR	HI CR	2500
HC	04124	03156	02844	
LHC	0312	0374	0377	
CO	06.44	03.90	02.28	
NOX	0068	0840	2428	
HCSUN	0210	0220	0215	0300
COSUN	04.90	03.10	01.90	03.40

MPG 22.50

VEH.NO. 291 TEST SEQ. 3 YEAR 69 MAKE PLYMOUTH MODEL FURY ODOMETER 052667 NO.CYL. 8 CID 318

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	07.80	-0140	+08	+00	1	2	1	0	2	0
FROM STATION	01.37	-0200	+00	+09	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0620	0460	08.10	05.10	4	002.50
AFT.RPM.ADJ	0600	0420	07.10	05.00	4	002.50
AFT.TI ADJ1	0380	0360	03.10	03.10	1	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0380	0360	03.10	03.10	1	

ADDL RPRS 006.70 EST 000.00

TEST NO.C0839 DATE 11/02/73 DRY 75 WET 52 PRES 24.57

	CT	CS	HT	1975
HC	07.53	05.98	05.42	06.15
CO	0141.9	0118.0	0094.4	0116.5
CO2	0455.7	0459.0	0421.8	0448.0
NOX	02.28	02.05	02.72	02.29

	IDLE	LO CR	HI CR	2500	
HC	03590	03475	03360		
LHC	0443	0378	0381		
CO	01.44	02.15	03.04		
NOX	0097	1281	1786		
HCSUN	0580	0250	0230	0230	
COSUN	07.00	01.70	02.50	03.00	

MPG 13.69

TEST NO.C0868 DATE 11/05/73 DRY 72 WET 53 PRES 24.66

	CT	CS	HT	1975
HC	07.09	05.10	04.24	05.27
CO	0129.7	0081.0	0064.0	0085.5
CO2	0418.9	0464.3	0419.2	0442.3
NOX	02.86	02.91	04.19	03.25

	IDLE	LO CR	HI CR	2500	
HC	03590	03534	03344		
LHC	0443	0462	0406		
CO	01.44	02.45	02.84		
NOX	0097	1899	1911		
HCSUN	0270	0240	0185	0165	
COSUN	01.25	02.30	02.45	02.60	

MPG 14.97

VEH.NO. 292 TEST SEQ. 3 YEAR 71 MAKE CHEVROLET MODEL NOVA ODOMETER 029533 NO.CYL. 8 CID 307

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.40	-0030	+01	+01	1	1	1	0	2	0
FROM STATION	04.40	-0030	+01	+01	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0290	0060	02.60	00.80	1	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0290	0060	02.60	00.80	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0840 DATE 11/02/73 DRY 71 WET 51 PRES 24.60

	CT	CS	HT	1975
HC	07.50	05.40	04.77	05.67
CO	0079.7	0046.7	0043.3	0052.7
CO2	0536.4	0530.4	0422.1	0501.6
NOX	04.13	03.26	03.79	03.59

	IDLE	LO CR	HI CR	2500
HC	05191	04124	03531	
LHC	0534	0544	0399	
CO	05.09	00.79	01.32	
NOX	0055	1996	2272	
HCSUN	0350	0350	0215	0150
COSUN	03.80	00.55	01.20	01.70

MPG 14.79

TEST NO.C0840 DATE 11/02/73 DRY 71 WET 51 PRES 24.60

	CT	CS	HT	1975
HC	07.50	05.40	04.77	05.67
CO	0079.7	0046.7	0043.3	0052.7
CO2	0536.4	0530.4	0422.1	0501.6
NOX	04.13	03.26	03.79	03.59

	IDLE	LO CR	HI CR	2500
HC	05191	04124	03531	
LHC	0534	0544	0399	
CO	05.09	00.79	01.32	
NOX	0055	1996	2272	
HCSUN	0350	0350	0215	0150
COSUN	03.80	00.55	01.20	01.70

MPG 14.79

VEH.NO. 293 TEST SEQ. 3 YEAR 72 MAKE FORD MODEL MUST ODOMETER 019843 NO.CYL. 8 CID 351

CARB.VENT. 4 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.10	+0140	+00	+04	1	2	1	0	?	0
FROM STATION	05.10	+0140	+00	+04	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0150	0150	03.00	00.80	1	001.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0150	0150	03.00	00.80	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0841 DATE 11/02/73 DRY 73 WET 52 PRES 24.61

	CT	CS	HT	1975
HC	08.28	05.79	05.81	06.32
CO	0174.3	0135.1	0114.9	0137.7
CO2	0691.2	0654.3	0568.2	0638.1
NOX	01.31	01.05	01.31	01.17

	IDLE	LO CR	HI CR	2500	
HC	04817	02137	02665		
LHC	0469	0228	0251		
CO	06.28	01.72	01.69		
NOX	0054	0386	0849		
HCSUN	0260	0090	0100	0100	
COSUN	04.60	01.40	01.50	01.60	

MPG 10.19

TEST NO.C0841 DATE 11/02/73 DRY 73 WET 52 PRES 24.61

	CT	CS	HT	1975
HC	08.28	05.79	05.81	06.32
CO	0174.3	0135.1	0114.9	0137.7
CO2	0691.2	0654.3	0568.2	0638.1
NOX	01.31	01.05	01.31	01.17

	IDLE	LO CR	HI CR	2500	
HC	04817	02137	02665		
LHC	0469	0228	0251		
CO	06.28	01.72	01.69		
NOX	0054	0386	0849		
HCSUN	0260	0090	0100	0100	
COSUN	04.60	01.40	01.50	01.60	

MPG 10.19

VEH.NO. 294 TEST SEQ. 3 YEAR 69 MAKE CHRYSLER MODEL NEWP ODOMETER 065163 NO.CYL. 8 CID 383

CARB.VENT. 2 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.14	+0000	+00	+01	1	1	1	0	1	0
FROM STATION	00.14	+0000	+00	+01	1	1	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0100	0110	00.20	02.50	1	004.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0100	0110	00.20	02.50	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0837 DATE 11/02/73 DRY 69 WET 50 PRES 24.53

	CT	CS	HT	1975
HC	07.65	03.32	04.76	04.63
CO	0124.9	0037.8	0101.9	0073.8
CO2	0614.3	0672.7	0519.0	0617.8
NOX	02.47	02.42	02.44	02.43

	IDLE	LO CR	HI CR	2500
HC	00917	02772	03655	
LHC	0174	0332	0409	
CO	00.15	01.22	04.17	
NOX	0085	1252	1156	
HCSUN	0040	0160	0215	0420
COSUN	00.15	01.10	03.30	01.00

MPG 11.90

TEST NO.C0837 DATE 11/02/73 DRY 69 WET 50 PRES 24.53

	CT	CS	HT	1975
HC	07.65	03.32	04.76	04.63
CO	0124.9	0037.8	0101.9	0073.8
CO2	0614.3	0672.7	0519.0	0617.8
NOX	02.47	02.42	02.44	02.43

	IDLE	LO CR	HI CR	2500
HC	00917	02772	03555	
LHC	0174	0332	0409	
CO	00.15	01.22	04.17	
NOX	0085	1252	1156	
HCSUN	0040	0160	0215	0420
COSUN	00.15	01.10	03.30	01.00

MPG 11.90

VEH.NO. 295 TEST SEQ. 3 YEAR 70 MAKE DODGE MODEL POLA ODOMETER 053254 NO.CYL. 8 CID 383

CARB.VENT. 2 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.80	+0140	+05	+00	1	2	1	0	2	0
FROM STATION	03.50	+0030	+05	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0140	0080	04.20	00.20	3	003.50
AFT.RPM.ADJ	0140	0040	04.00	00.20	1	002.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0140	0040	04.00	00.20	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0842 DATE 11/02/73 DRY 69 WET 49 PRES 24.64

	CT	CS	HT	1975
HC	07.60	04.45	03.91	04.96
CO	0114.6	0074.3	0071.6	0082.0
CO2	0618.4	0622.7	0524.6	0594.6
NOX	04.52	04.61	04.85	04.66

	IDLE	LO CR	HI CR	2500	
HC	03108	02548	02816		
LHC	0260	0311	0314		
CO	04.00	00.15	01.22		
NOX	0070	3200	2700		
HCSUN	0145	0155	0150	0050	
COSUN	03.20	00.17	01.20	00.30	

MPG 12.05

TEST NO.C0861 DATE 11/05/73 DRY 73 WET 53 PRES 24.75

	CT	CS	HT	1975
HC	07.50	04.34	03.99	04.91
CO	0106.4	0068.0	0069.5	0076.5
CO2	0572.1	0607.0	0542.7	0581.8
NOX	04.05	04.18	05.12	04.41

	IDLE	LO CR	HI CR	2500	
HC	03359	03064	03063		
LHC	0331	0351	0334		
CO	04.07	00.24	01.69		
NOX	0088	3244	2269		
HCSUN	0155	0135	0115	0050	
COSUN	03.10	00.20	01.40	00.65	

MPG 12.41

VEH.NO. 296 TEST SEQ. 1 YEAR 65 MAKE FORD MODEL MUST ODOMETER 052813 NO.CYL. 8 CID 260

CARB.VENT. 2 TRANS. 1 WEIGHT 3000 EXH.CON. 2 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	10.30	-0015	+08	+00	1	2	1	0	2	0
FROM STATION	02.60	-0055	+07	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	2500	0220	09.20	00.60	4	005.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0640	0150	01.00	00.50	1	002.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0640	0150	01.00	00.50	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0825 DATE 11/01/73 DRY 70 WET 49 PRES 24.23

	CT	CS	HT	1975
HC	10.80	15.81	10.15	13.19
CO	0138.5	0135.5	0101.2	0126.6
CO2	0454.6	0370.0	0378.0	0389.9
NOX	03.61	02.06	03.55	02.80

	IDLE	LO CR	HI CR	2500	
HC	15667	04243	03775		
LHC	2500	0623	0555		
CO	11.09	03.01	03.05		
NOX	0015	1894	2372		
HCSUN	2500	0420	0340	0760	
COSUN	08.30	02.50	02.60	01.40	

MPG 14.13

TEST NO.C0853 DATE 11/02/73 DRY 69 WET 51 PRES 24.73

	CT	CS	HT	1975
HC	07.97	06.95	05.15	06.66
CO	0121.7	0079.1	0058.5	0082.3
CO2	0429.8	0403.5	0378.4	0402.0
NOX	03.26	02.82	03.96	03.23

	IDLE	LO CR	HI CR	2500	
HC	04890	03925	03763		
LHC	0685	0540	0493		
CO	02.84	02.15	02.89		
NOX	0088	1859	2458		
HCSUN	0530	0370	0310	0340	
COSUN	02.40	01.90	02.60	04.50	

MPG 16.13

ILC

VEH.NO. 297 TEST SEQ. 3 YEAR 71 MAKE PLYMOUTH MODEL DUST ODOMETER 027784 NO.CYL. 6 CID 198

CARB.VENT. 1 TRANS. 3 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.90	-0080	+00	+03	1	2	1	0	2	0
FROM STATION	00.40	-0160	+00	+03	1	2	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0350	0125	09.00	03.00	4	000.00
AFT.RPM.ADJ	0150	0125	02.80	03.00	1	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0150	0125	02.80	03.00	1	

ADDL RPRS 006.00 EST 000.00

TEST NO.C0838 DATE 11/02/73 DRY 71 WET 50 PRES 24.56

	CT	CS	HT	1975
HC	08.80	07.03	06.31	07.20
CO	0135.5	0119.0	0106.2	0118.9
CO2	0336.8	0350.4	0308.4	0335.9
NOX	01.60	01.30	01.80	01.50

	IDLE	LO CR	HI CR	2500	
HC	05055	04013	03375		
LHC	0416	0483	0394		
CO	06.24	04.64	03.89		
NOX	2590	0819	1441		
HCSUN	0270	0330	0220	0210	
COSUN	04.80	03.60	03.10	04.80	

MPG 16.33

TEST NO.C0877 DATE 11/06/73 DRY 70 WET 51 PRES 24.65

	CT	CS	HT	1975
HC	07.53	05.11	05.25	05.66
CO	0113.9	0085.2	0086.5	0091.6
CO2	0313.2	0345.4	0306.7	0327.9
NOX	01.70	01.10	01.71	01.40

	IDLE	LO CR	HI CR	2500	
HC	02204	06431	06748		
LHC	0238	0665	0758		
CO	00.44	04.37	07.70		
NOX	0071	0810	0286		
HCSUN	0140	0150	0200	0130	
COSUN	00.15	01.50	02.00	01.20	

MPG 18.19

VEH.NO. 298 TEST SEQ. 3 YEAR 72 MAKE RAMBLER MODEL JAVE ODOMETER 023737 NO.CYL. 8 CID 360

CARB.VENT. 4 TRANS. 4 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.20	-0180	-02	+00	2	2	1	0	2	0
FROM STATION	01.20	-0180	-02	+00	2	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0070	0032	00.55	00.28	1	005.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0070	0032	00.55	00.28	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0870 DATE 11/06/73 DRY 69 WET 50 PRES 24.65

	CT	CS	HT	1975
HC	20.55	06.00	09.09	09.90
CO	0223.4	0101.4	0121.1	0132.4
CO2	0525.7	0566.0	0487.6	0535.8
NOX	00.90	01.35	01.45	01.28

	IDLE	LO CR	HI CR	2500	
HC	00926	00569	00954		
LHC	0182	0192	0222		
CO	01.70	01.05	02.34		
NOX	0055	0846	0788		
HCSUN	0030	0025	0035	0045	
COSUN	00.50	00.32	00.65	00.09	

MPG 11.49

TEST NO.C0870 DATE 11/06/73 DRY 69 WET 50 PRES 24.65

	CT	CS	HT	1975
HC	20.55	06.00	09.09	09.90
CO	0223.4	0101.4	0121.1	0132.4
CO2	0525.7	0566.0	0487.6	0535.8
NOX	00.90	01.35	01.45	01.28

	IDLE	LO CR	HI CR	2500	
HC	00926	00569	00954		
LHC	0182	0192	0222		
CO	01.70	01.05	02.34		
NOX	0055	0846	0788		
HCSUN	0030	0025	0035	0045	
COSUN	00.50	00.32	00.65	00.09	

MPG 11.49

VEH.NO. 299 TEST SEQ. 3 YEAR 72 MAKE PLYMOUTH MODEL SATE ODOMETER 028091 NO.CYL. 8 CID 318

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	08.19	-0200	+00	+00	1	1	1	0	2	0
FROM STATION	09.20	+0050	+00	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0350	0150	06.10	00.90	4	000.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0300	0150	03.80	01.90	1	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0300	0150	03.80	01.90	1	

ADDL RPRS 004.00 EST 000.00

TEST NO.C0873 DATE 11/06/73 DRY 69 WET 49 PRES 24.65

	CT	CS	HT	1975
HC	06.48	06.43	05.40	06.16
CO	0132.9	0153.4	0118.3	0139.4
CO2	0450.6	0437.8	0363.6	0419.9
NOX	01.61	01.11	01.23	01.25

	IDLE	LO CR	HI CR	2500	
HC	07153	03656	03476		
LHC	0664	0447	0406		
CO	09.00	03.22	03.91		
NOX	0044	0703	0768		
HCSUN	0160	0110	0090	0090	
COSUN	02.70	01.00	01.20	01.30	

MPG 13.53

TEST NO.C0898 DATE 11/07/73 DRY 80 WET 56 PRES 24.69

	CT	CS	HT	1975
HC	05.50	05.41	05.05	05.33
CO	0100.9	0127.3	0122.7	0120.5
CO2	0500.3	0489.7	0387.4	0463.5
NOX	02.03	01.21	01.24	01.39

	IDLE	LO CR	HI CR	2500	
HC	07441	04009	03749		
LHC	0776	0512	0434		
CO	10.54	03.87	04.65		
NOX	0035	0596	0525		
HCSUN	0600	0380	0270	0200	
COSUN	09.00	03.90	04.00	04.20	

MPG 13.30

VEH.NO. 300 TEST SEQ. 1 YEAR 73 MAKE OPEL MODEL MANT ODOMETER 006817 NO.CYL. 4 CID 116

CARB.VENT. 2 TRANS. 4 WEIGHT 2250 EXH.CON. 1 EVAP.CON. 1 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.07	-0150	-01	-08	0	1	1	0	2	1
FROM STATION	03.70	+0000	-01	-05	0	1	1	0	2	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0290	0150	06.30	02.30	3	005.50
AFT.RPM.ADJ	0240	0160	05.00	02.30	3	005.50
AFT.TI ADJ1	0180	0130	02.60	01.00	1	005.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0180	0130	02.60	01.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0872 DATE 11/06/73 DRY 70 WET 52 PRES 24.65

	CT	CS	HT	1975
HC	05.28	05.05	04.00	04.81
CO	0076.9	0088.9	0059.7	0078.3
CO2	0274.6	0288.7	0244.3	0273.4
NOX	02.31	01.36	02.12	01.77

	IDLE	LO CR	HI CR	2500	
HC	06566	03058	03253		
LHC	0567	0364	0424		
CO	08.58	01.73	02.39		
NOX	0043	1641	2040		
HCSUN	0150	0100	0120	0080	
COSUN	02.90	02.50	01.20	00.90	

MPG 21.64

TEST NO.C0901 DATE 11/07/73 DRY 74 WET 53 PRES 24.69

	CT	CS	HT	1975
HC	04.24	03.59	03.10	03.59
CO	0067.6	0062.9	0048.1	0059.8
CO2	0307.8	0319.4	0268.9	0303.0
NOX	02.24	01.41	02.11	01.78

	IDLE	LO CR	HI CR	2500	
HC	03069	03306	03506		
LHC	0257	0331	0402		
CO	03.75	02.66	03.69		
NOX	0070	1000	1356		
HCSUN	0155	0205	0245	0220	
COSUN	03.50	02.45	03.60	03.10	

MPG 21.82

H2

SLC

VEH.NO. 301 TEST SEQ. 3 YEAR 73 MAKE MERCURY MODEL COME ODOMETER 010804 NO.CYL. 8 CID 302

CARB.VENT. 2 TRANS. 1 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.40	+0040	+02	+00	1	2	1	0	2	1
FROM STATION	02.90	-0010	-03	+00	1	1	1	0	2	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0440	0420	04.10	04.20	4	002.50
AFT.RPM.ADJ	0440	0420	04.20	04.20	4	002.50
AFT.TI ADJ1	0220	0200	02.20	02.10	1	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0220	0200	02.20	02.10	1	

ADDL PRS 002.50 EST 000.00

TEST NO.C0874 DATE 11/06/73 DRY 78 WET 54 PRES 24.65

	CT	CS	HT	1975
HC	05.98	05.31	04.08	05.11
CO	0107.3	0114.9	0068.2	0100.3
CO2	0562.8	0563.0	0483.1	0510.0
NOX	01.54	01.11	01.40	01.28

	IDLE	LO CR	HI CR	2500	
HC	03306	03379	03296		
LHC	0290	0386	0390		
CO	04.66	02.50	01.78		
NOX	0075	0558	0868		
HCSUN	0065	0080	0080	0070	
COSUN	01.00	00.70	00.50	00.80	

MPG 13.03

TEST NO.C0899 DATE 11/07/73 DRY 74 WET 53 PRES 24.69

	CT	CS	HT	1975
HC	05.90	04.28	03.91	04.52
CO	0091.0	0067.9	0060.0	0070.5
CO2	0578.9	0596.7	0498.7	0565.8
NOX	01.55	01.19	01.35	01.31

	IDLE	LO CR	HI CR	2500	
HC	03402	03472	03378		
LHC	0406	0391	0388		
CO	03.11	02.06	01.40		
NOX	0115	0687	1003		
HCSUN	0330	0260	0235	0110	
COSUN	03.10	01.80	01.40	02.30	

MPG 12.89

VEH.NO. 302 TEST SEQ. 6 YEAR 73 MAKE BUICK MODEL CENT ODOMETER 006508 NO.CYL. 8 CID 350

CARB.VENT. 4 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.63	+0000	-02	+00	1	1	1	0	2	1
FROM STATION	00.63	+0000	-02	+00	1	1	1	0	2	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0050	0030	01.00	00.60	1	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0050	0030	01.00	00.60	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0871 DATE 11/06/73 DRY 69 WET 50 PRES 24.65

	CT	CS	HT	1975
HC	03.83	02.44	02.85	02.84
CO	0129.6	0073.1	0088.4	0089.2
CO2	0656.3	0668.8	0531.2	0628.0
NOX	01.58	00.90	02.06	01.36

	IDLE	LO CR	HI CR	2500	
HC	00534	02278	01801		
LHC	0172	0366	0320		
CO	00.80	03.61	03.10		
NOX	0072	0445	1091		
HCSUN	0035	0145	0100	0035	
COSUN	00.62	00.80	00.80	00.20	

MPG 11.46

TEST NO.C0871 DATE 11/06/73 DRY 69 WET 50 PRES 24.65

	CT	CS	HT	1975
HC	03.83	02.44	02.85	02.84
CO	0129.6	0073.1	0088.4	0089.2
CO2	0656.3	0668.8	0531.2	0628.0
NOX	01.58	00.90	02.06	01.36

	IDLE	LO CR	HI CR	2500	
HC	00534	02278	01801		
LHC	0172	0366	0320		
CO	00.80	03.61	03.10		
NOX	0072	0445	1091		
HCSUN	0035	0145	0100	0035	
COSUN	00.62	00.80	00.80	00.20	

MPG 11.46

LCC

VEH.NO. 303 TEST SEQ. 6 YEAR 73 MAKE PLYMOUTH MODEL DUST ODOMETER 006473 NO.CYL. 8 CID 318

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.45	-0120	+00	+00	1	1	1	0	2	1
FROM STATION	02.45	-0120	+00	+00	1	1	1	0	2	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0080	0090	00.30	01.50	1	004.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0080	0090	00.30	01.50	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0875 DATE 11/06/73 DRY 82 WET 56 PRES 24.65

	CT	CS	HT	1975
HC	07.26	03.66	03.74	04.43
CO	0134.9	0077.5	0086.9	0092.1
CO2	0500.8	0505.2	0455.4	0490.5
NOX	01.64	01.35	01.66	01.50

	IDLE	LO CR	HI CR	2500
HC	02377	03220	03186	
LHC	0242	0424	0394	
CO	02.45	02.36	03.66	
NOX	0076	1455	0781	
HCSUN	0045	0085	0080	0080
COSUN	00.60	00.70	01.00	00.90

MPG 13.72

TEST NO.C0875 DATE 11/06/73 DRY 82 WET 56 PRES 24.65

	CT	CS	HT	1975
HC	07.26	03.66	03.74	04.43
CO	0134.8	0077.5	0086.9	0092.1
CO2	0500.8	0505.2	0455.4	0490.5
NOX	01.64	01.35	01.66	01.50

	IDLE	LO CR	HI CR	2500
HC	02377	03220	03186	
LHC	0242	0424	0394	
CO	02.45	02.36	03.66	
NOX	0076	1455	0781	
HCSUN	0045	0085	0080	0080
COSUN	00.60	00.70	01.00	00.90

MPG 13.72

VEH.NO. 304 TEST SEQ. 3 YEAR 72 MAKE DODGE MODEL CORO ODOMETER 022983 NO.CYL. 8 CID 318

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.75	-0150	+00	-01	2	2	1	0	2	0
FROM STATION	02.75	-0150	+00	-01	2	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0150	0175	00.70	01.80	1	000.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0150	0175	00.70	01.80	1	

ADDL RPRS 006.00 EST 000.00

TEST NO.C0885 DATE 11/07/73 DRY 69 WET 51 PRES 24.67

	CT	CS	HT	1975
HC	05.34	04.38	04.43	04.60
CO	0097.0	0079.2	0095.3	0087.4
CO2	0469.4	0473.9	0399.9	0452.4
NOX	03.29	02.42	02.49	02.62

	IDLE	LO CR	HI CR	2500	
HC	03380	03612	03829		
LHC	0313	0478	0484		
CO	02.91	02.50	05.21		
NOX	0053	1422	0917		
HCSUN	0225	0350	0350	0210	
COSUN	02.70	02.50	04.80	03.40	

MPG 14.74

TEST NO.C0885 DATE 11/07/73 DRY 69 WET 51 PRES 24.67

	CT	CS	HT	1975
HC	05.34	04.38	04.43	04.60
CO	0097.0	0079.2	0095.3	0087.4
CO2	0469.4	0473.9	0399.9	0452.4
NOX	03.29	02.42	02.49	02.62

	IDLE	LO CR	HI CR	2500	
HC	03380	03612	03829		
LHC	0313	0478	0484		
CO	02.91	02.50	05.21		
NOX	0053	1422	0917		
HCSUN	0225	0350	0350	0210	
COSUN	02.70	02.50	04.80	03.40	

MPG 14.74

VEH.NO. 305 TEST SEQ. 6 YEAR 69 MAKE RAMBLER MODEL AMBA ODOMETER 054001 NO.CYL. 8 CID 290

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.95	-0130	+00	+01	1	1	1	0	1	0
FROM STATION	04.95	-0130	+00	+01	1	1	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0090	0070	00.50	01.80	1	002.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0090	0070	00.50	01.80	1	

ADDL RPRS 000.00 FST 000.00

TEST NO.C0886 DATE 11/07/73 DRY 76 WET 51 PRES 24.67

	CT	CS	HT	1975
HC	06.03	04.66	05.41	05.16
CO	0133.3	0091.3	0118.5	0107.6
CO2	0527.6	0544.5	0475.3	0521.8
NOX	02.14	02.18	02.28	02.20

	IDLE	LO CR	HI CR	2500	
HC	04060	03441	04170		
LHC	0412	0424	0527		
CO	05.50	02.02	05.65		
NOX	0068	1171	0671		
HCSUN	0300	0255	0330	0180	
COSUN	04.90	02.20	05.00	03.00	

MPG 12.60

TEST NO.C0886 DATE 11/07/73 DRY 76 WET 51 PRES 24.67

	CT	CS	HT	1975
HC	06.03	04.66	05.41	05.16
CO	0133.3	0091.3	0118.5	0107.6
CO2	0527.6	0544.5	0475.3	0521.8
NOX	02.14	02.18	02.28	02.20

	IDLE	LO CR	HI CR	2500	
HC	04060	03441	04170		
LHC	0412	0424	0527		
CO	05.50	02.02	05.65		
NOX	0068	1171	0571		
HCSUN	0300	0255	0330	0180	
COSUN	04.90	02.20	05.00	03.00	

MPG 12.60

VEH.NO. 306 TEST SEQ. 3 YEAR 69 MAKE BUICK MODEL ELEC ODOMETER 034898 NO.CYL. 8 CID 430

CARB.VENT. 4 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	01.20	-0160	-05	+03	1	1	1	0	2	0
FROM STATION	02.35	-0010	-05	+03	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0220	0150	05.00	02.60	3	004.50
AFT.RPM.ADJ	0200	0120	03.20	02.20	1	001.50
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0200	0120	03.20	02.20	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0888 DATE 11/07/73 DRY 74 WET 50 PRES 24.66

	CT	CS	HT	1975
HC	07.36	06.42	05.67	06.41
CO	0191.3	0135.7	0130.5	0145.9
CO2	0617.1	0628.6	0507.4	0592.6
NOX	02.92	02.09	03.09	02.54

	IDLE	LO CR	HI CR	2500	
HC	03414	03413	03170		
LHC	0282	0383	0383		
CO	01.20	02.09	03.26		
NOX	0070	1268	1633		
HCSUN	0210	0270	0240	0185	
COSUN	01.20	01.90	03.00	02.80	

MPG 10.58

TEST NO.C0915 DATE 11/08/73 DRY 75 WET 54 PRES 24.71

	CT	CS	HT	1975
HC	09.73	06.24	05.57	06.79
CO	0243.0	0134.6	0128.5	0155.6
CO2	0628.1	0635.9	0534.7	0606.2
NOX	02.90	01.72	03.26	02.40

	IDLE	LO CR	HI CR	2500	
HC	03904	03390	03086		
LHC	0443	0395	0368		
CO	02.43	01.93	01.43		
NOX	0150	1472	2546		
HCSUN	0355	0225	0225	0250	
COSUN	02.40	01.85	01.40	03.20	

MPG 10.21

VEH.NO. 307 TEST SEQ. 3 YEAR 69 MAKE CHEVROLET MODEL NOVA ODOMETER 029124 NO.CYL. 6 CID 230

CARB.VENT. 1 TRANS. 1 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.50	-0100	-01	-01	1	1	1	0	1	0
FROM STATION	03.60	-0050	+03	+00	1	1	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0320	0700	03.60	02.50	4	005.50
AFT.RPM.ADJ	0390	0720	02.50	02.20	0	003.30
AFT.TI ADJ1	0280	0400	04.40	00.80	4	003.30
AFT.TI ADJ2	0270	0260	03.80	02.50	1	003.30
FINAL	0270	0260	03.80	02.50	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0887 DATE 11/07/73 DRY 74 WET 50 PRES 24.66

	CT	CS	HT	1975
HC	07.23	04.00	03.98	04.67
CO	0124.8	0059.0	0068.6	0075.5
CO2	0420.6	0429.0	0394.2	0417.6
NOX	03.17	03.19	03.86	03.37

	IDLE	LO CR	HI CR	2500	
HC	03993	03692	03230		
LHC	0374	0446	0378		
CO	04.20	03.70	02.80		
NOX	0063	1147	1833		
HCSUN	0280	0335	0245	1700	
COSUN	03.70	03.50	02.60	02.40	

MPG 16.17

TEST NO.C0916 DATE 11/08/73 DRY 73 WET 54 PRES 24.70

	CT	CS	HT	1975
HC	07.78	03.44	03.45	04.35
CO	0138.8	0059.0	0072.3	0079.4
CO2	0437.9	0437.4	0381.2	0421.9
NOX	02.44	02.19	02.57	02.35

	IDLE	LO CR	HI CR	2500	
HC	03435	03471	03362		
LHC	0408	0391	0362		
CO	03.86	03.37	04.36		
NOX	0092	0975	0897		
HCSUN	0330	0280	0220	0350	
COSUN	03.50	03.35	04.15	02.10	

MPG 15.89

VEH.NO. 308 TEST SEQ. 3 YEAR 69 MAKE FORD MODEL TORI ODOMETER 021037 NO.CYL. 8 CID 351

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.60	-0030	+00	+02	1	1	1	0	2	0
FROM STATION	03.60	-0030	+00	+02	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0120	0030	00.70	00.50	1	001.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0120	0030	00.70	00.50	1	

ADDL PRRS 000.00 EST 000.00

TEST NO.C0889 DATE 11/07/73 DRY 70 WET 50 PRES 24.68

	CT	CS	HT	1975
HC	04.74	03.56	04.21	03.99
CO	0051.8	0038.2	0046.2	0043.3
CO2	0594.5	0572.8	0479.7	0551.5
NOX	03.26	02.27	02.55	02.56

	IDLE	LO CR	HI CR	2500	
HC	03389	02741	03360		
LHC	0318	0319	0407		
CO	03.81	00.35	01.68		
NOX	0078	1384	1918		
HCSUN	0200	0175	0235	0110	
COSUN	03.40	00.30	01.50	02.50	

MPG 14.09

TEST NO.C0889 DATE 11/07/73 DRY 70 WET 50 PRES 24.68

	CT	CS	HT	1975
HC	04.74	03.56	04.21	03.99
CO	0051.8	0038.2	0046.2	0043.3
CO2	0594.5	0572.8	0479.7	0551.5
NOX	03.26	02.27	02.55	02.56

	IDLE	LO CR	HI CR	2500	
HC	03389	02741	03360		
LHC	0318	0319	0407		
CO	03.81	00.35	01.68		
NOX	0078	1384	1918		
HCSUN	0200	0175	0235	0110	
COSUN	03.40	00.30	01.50	02.50	

MPG 14.09

VEH.NO. 309 TEST SEQ. 3 YEAR 69 MAKE FORD MODEL TORI ODOMETER 074369 NO.CYL. 8 CID 351

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.50	-0050	-02	-02	1	1	1	0	1	0
FROM STATION	04.80	+0000	-02	-02	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0220	0200	07.80	00.30	4	003.50
AFT.RPM.ADJ	0160	0080	02.80	00.30	1	002.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0160	0080	02.80	00.30	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0890 DATE 11/07/73 DRY 75 WET 52 PRES 24.68

	CT	CS	HT	1975
HC	07.47	05.49	05.18	05.82
CO	0126.3	0104.6	0092.5	0105.8
CO2	0457.2	0466.1	0412.9	0449.5
NOX	02.28	02.33	02.90	02.48

	IDLE	LO CR	HI CR	2500	
HC	06065	03695	03776		
LHC	0554	0453	0453		
CO	08.05	01.59	02.72		
NOX	0053	2237	2211		
HCSUN	0380	0300	0280	0140	
COSUN	07.00	01.30	02.30	01.80	

MPG 14.05

TEST NO.C0917 DATE 11/08/73 DRY 70 WET 51 PRES 24.72

	CT	CS	HT	1975
HC	07.12	04.49	05.52	05.33
CO	0103.9	0062.2	0049.9	0067.5
CO2	0525.1	0545.5	0471.9	0520.8
NOX	03.85	04.45	04.93	04.46

	IDLE	LO CR	HI CR	2500	
HC	03985	03519	03579		
LHC	0223	0373	0437		
CO	05.10	00.54	01.16		
NOX	0172	2643	3354		
HCSUN	0410	0280	0285	0070	
COSUN	04.90	00.60	01.15	00.50	

MPG 13.84

VEH.NO. 310 TEST SEQ. 5 YEAR 72 MAKE FORD MODEL MAVE ODOMETER 008455 NO.CYL. 8 CID 302

CARB.VENT. 2 TRANS. 1 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.35	-0020	-02	+00	1	1	1	0	2	0
FROM STATION	01.50	+0000	-02	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0480	0480	04.30	04.10	4	002.50
AFT.RPM.ADJ	0480	0460	04.30	04.10	4	002.50
AFT.TI ADJ1	0330	0320	02.20	02.10	1	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0330	0320	02.20	02.10	1	

ADDL RPRS 002.50 EST 000.00

TEST NO.C0902 DATE 11/08/73 DRY 69 WET 49 PRES 24.68

	CT	CS	HT	1975
HC	06.01	04.41	07.52	05.61
CO	0068.4	0043.5	0051.1	0050.9
CO2	0488.1	0543.8	0476.0	0513.4
NOX	03.30	02.45	03.75	02.99

	IDLE	LO CR	HI CR	2500
HC	02795	03858	04029	
LHC	0267	0479	0505	
CO	02.52	01.77	01.53	
NOX	0092	1511	2761	
HCSUN	0210	0365	0370	0195
COSUN	03.90	01.80	01.50	01.80

MPG 14.58

TEST NO.C0934 DATE 11/09/73 DRY 72 WET 51 PRES 24.83

	CT	CS	HT	1975
HC	06.43	03.88	05.01	04.72
CO	0086.2	0041.7	0041.1	0050.8
CO2	0534.3	0554.7	0459.9	0524.1
NOX	03.58	01.84	03.60	02.69

	IDLE	LO CR	HI CR	2500
HC	02734	03507	03737	
LHC	0325	0445	0490	
CO	01.60	01.59	01.68	
NOX	0132	1190	2500	
HCSUN	0225	0300	0325	0125
COSUN	01.40	01.50	01.60	01.30

MPG 14.39

VEH.NO. 311 TEST SEQ. 3 YEAR 72 MAKE FORD MODEL MAVE ODOMETER 022036 NO.CYL. 6 CID 250

CARB.VENT. 1 TRANS. 1 WEIGHT 2750 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	08.10	-0120	-04	+00	1	2	1	0	2	0
FROM STATION	02.45	-0050	-06	+00	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0155	0125	05.50	02.00	3	005.00
AFT.RPM.ADJ	0150	0100	02.50	03.10	3	001.00
AFT.TI ADJ1	0095	0130	00.90	03.00	1	001.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0095	0130	00.90	03.00	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0903 DATE 11/08/73 DRY 80 WET 56 PRES 24.67

	CT	CS	HT	1975
HC	04.51	03.68	03.34	03.76
CO	0075.0	0102.9	0076.5	0089.7
CO2	0480.4	0396.8	0384.0	0410.8
NOX	04.15	01.80	03.36	02.72

	IDLE	LO CR	HI CR	2500	
HC	04617	03330	02764		
LHC	0390	0411	0312		
CO	09.10	03.67	01.91		
NOX	0058	1156	2295		
HCSUN	0250	0290	0180	0210	
COSUN	08.40	03.40	01.80	04.20	

MPG 15.80

TEST NO.C0920 DATE 11/09/73 DRY 73 WET 52 PRES 24.82

	CT	CS	HT	1975
HC	04.21	03.23	04.14	03.69
CO	0074.2	0062.2	0084.4	0070.9
CO2	0411.9	0437.9	0356.7	0409.9
NOX	02.81	02.23	02.52	02.43

	IDLE	LO CR	HI CR	2500	
HC	02356	03535	03153		
LHC	0201	0487	0391		
CO	02.67	03.98	02.52		
NOX	0114	0900	2130		
HCSUN	0100	0335	0230	0200	
COSUN	02.50	03.50	02.20	04.00	

MPG 15.71

VEH.NO. 312 TEST SEQ. 3 YEAR 72 MAKE MERCURY MODEL COME ODOMETER 008589 NO.CYL. 8 CID 302

CARB.VENT. 2 TRANS. 1 WEIGHT 3000 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.30	+0020	-01	-08	1	1	1	0	2	0
FROM STATION	02.30	+0020	-01	-08	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0100	0110	00.40	01.30	1	000.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0100	0110	00.40	01.30	1	

ADDL RPRS 004.00 EST 000.00

TEST NO.C0904 DATE 11/08/73 DRY 80 WET 56 PRES 24.67

	CT	CS	HT	1975
HC	05.15	03.14	04.34	03.89
CO	0087.9	0056.6	0056.3	0063.1
CO2	0527.7	0508.6	0446.5	0495.4
NOX	02.85	01.11	02.65	01.90

	IDLE	LO CR	HI CR	2500	
HC	02585	03374	03773		
LHC	0247	0437	0478		
CO	02.45	01.93	02.23		
NOX	0086	0756	1718		
HCSUN	0160	0300	0330	0130	
COSUN	02.50	02.70	02.30	01.20	

MPG 14.68

TEST NO.C0904 DATE 11/08/73 DRY 80 WET 56 PRES 24.67

	CT	CS	HT	1975
HC	05.15	03.14	04.34	03.89
CO	0087.9	0056.6	0056.3	0063.1
CO2	0527.7	0508.6	0446.5	0495.4
NOX	02.85	01.11	02.65	01.90

	IDLE	LO CR	HI CR	2500	
HC	02585	03374	03773		
LHC	0247	0437	0478		
CO	02.45	01.93	02.23		
NOX	0086	0756	1718		
HCSUN	0160	0300	0330	0130	
COSUN	02.50	02.70	02.30	01.20	

MPG 14.68

VEH.NO. 314 TEST SEQ. 3 YEAR 71 MAKE FORD MODEL BRON ODOMETER 020440 NO.CYL. 8 CID 302

CARB.VENT. 2 TRANS. 3 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	02.30	-0050	+04	+00	1	1	1	0	1	0
FROM STATION	01.00	+0300	+01	+03	1	1	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	1800	0800	02.10	02.00	2	004.50
AFT.RPM.ADJ	0900	0210	00.60	01.70	2	001.50
AFT.TI ADJ1	1000	0400	02.10	00.50	2	003.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0180	0310	00.30	00.30	1	

ADDL RPRS 031.57 EST 000.00

TEST NO.C0906 DATE 11/08/73 DRY 74 WET 53 PRES 24.71

	CT	CS	HT	1975
HC	10.31	07.71	07.50	08.19
CO	0118.2	0097.5	0093.5	0100.7
CO2	0459.1	0495.9	0406.2	0463.3
NOX	02.87	01.53	02.76	02.15

	IDLE	LO CR	HI CR	2500	
HC	06787	04340	03773		
LHC	1219	0497	0457		
CO	03.34	03.22	02.73		
NOX	0054	1655	1640		
HCSUN	1000	0340	0280	1150	
COSUN	02.80	02.70	02.30	02.20	

MPG 13.76

TEST NO.C0933 DATE 11/09/73 DRY 75 WET 54 PRES 24.84

	CT	CS	HT	1975
HC	09.20	06.01	07.57	07.11
CO	0113.2	0070.7	0072.5	0080.1
CO2	0498.1	0516.2	0443.0	0492.1
NOX	05.00	03.10	04.82	03.97

	IDLE	LO CR	HI CR	2500	
HC	01756	03848	03799		
LHC	0203	0491	0456		
CO	00.84	02.02	02.45		
NOX	0080	1907	2676		
HCSUN	0125	0355	0320	1000	
COSUN	00.90	01.85	02.30	02.50	

MPG 13.91

VEH.NO. 315 TEST SEQ. 3 YEAR 71 MAKE OLDSMOBILE MODEL CUTL ODOMETER 026169 NO.CYL. 8 CID 350

CARB.VENT. 4 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.50	-0073	+02	-01	1	1	1	0	2	0
FROM STATION	04.50	-0073	+02	-01	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0250	0060	03.60	00.80	1	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0250	0060	03.60	00.80	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0918 DATE 11/09/73 DRY 69 WET 50 PRES 24.80

	CT	CS	HT	1975
HC	05.50	03.89	04.63	04.43
CO	0081.1	0042.5	0063.1	0056.3
CO2	0619.5	0595.8	0572.1	0594.2
NOX	03.93	03.98	05.90	04.50

	IDLE	LO CR	HI CR	2500	
HC	03707	03173	02883		
LHC	0360	0433	0366		
CO	04.84	01.29	00.71		
NOX	0058	2017	3017		
HCSUN	0250	0290	0210	0080	
COSUN	04.70	01.20	00.75	01.90	

MPG 12.79

TEST NO.C0918 DATE 11/09/73 DRY 69 WET 50 PRES 24.80

	CT	CS	HT	1975
HC	05.50	03.89	04.63	04.43
CO	0081.1	0042.5	0063.1	0056.3
CO2	0619.5	0595.8	0572.1	0594.2
NOX	03.93	03.98	05.90	04.50

	IDLE	LO CR	HI CR	2500	
HC	03707	03173	02883		
LHC	0360	0433	0366		
CO	04.84	01.29	00.71		
NOX	0058	2017	3017		
HCSUN	0250	0290	0210	0080	
COSUN	04.70	01.20	00.75	01.90	

MPG 12.79

VEH.NO. 316 TEST SEQ. 3 YEAR 70 MAKE MERCURY MODEL MONT ODOMETER 027532 NO.CYL. 8 CID 302

CARB.VENT. 2 TRANS. 3 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.15	-0225	+00	+06	2	2	1	0	1	0
FROM STATION	01.20	-0200	+00	+00	1	2	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	1100	0180	00.20	00.80	2	002.50
AFT.RPM.ADJ	0150	0180	00.20	00.70	1	004.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0150	0180	00.20	00.70	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0919 DATE 11/09/73 DRY 76 WET 52 PRES 24.83

	CT	CS	HT	1975
HC	08.19	05.79	06.56	06.50
CO	0106.4	0053.4	0070.2	0069.2
CO2	0442.8	0522.3	0409.4	0474.3
NOX	01.69	02.12	02.17	02.04

	IDLE	LO CR	HI CR	2500	
HC	05680	04173	04051		
LHC	0924	0512	0526		
CO	00.18	01.39	01.32		
NOX	0070	1568	2390		
HCSUN	0700	0360	0350	0175	
COSUN	00.30	01.30	01.30	01.30	

MPG 14.76

TEST NO.C0946 DATE 11/12/73 DRY 74 WET 52 PRES 24.57

	CT	CS	HT	1975
HC	08.99	04.64	07.12	06.24
CO	0107.5	0055.0	0071.2	0070.5
CO2	0509.7	0535.9	0426.8	0500.2
NOX	03.08	02.27	03.44	02.77

	IDLE	LO CR	HI CR	2500	
HC	02155	04126	04158		
LHC	0222	0504	0546		
CO	01.33	01.85	01.79		
NOX	0100	1994	2470		
HCSUN	0110	0370	0380	0210	
COSUN	01.30	01.80	01.70	01.70	

MPG 14.12

VEH.NO. 317 TEST SEQ. 3 YEAR 71 MAKE FORD MODEL MAVE ODOMETER 023567 NO.CYL. 6 CID 200

CARB.VENT. 1 TRANS. 1 WEIGHT 2750 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.60	+0000	-06	+00	1	2	1	0	2	0
FROM STATION	03.60	+0000	-06	+00	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0245	0170	01.60	00.80	1	005.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0245	0170	01.60	00.80	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0921 DATE 11/09/73 DRY 74 WET 52 PRES 24.81

	CT	CS	HT	1975
HC	07.36	06.10	04.99	06.06
CO	0119.5	0116.7	0066.0	0103.2
CO2	0454.0	0384.3	0381.0	0398.0
NOX	03.14	01.63	03.40	02.44

	IDLE	LO CR	HI CR	2500	
HC	03641	04816	03945		
LHC	0335	0688	0507		
CO	04.05	04.43	01.44		
NOX	0097	0730	2522		
HCSUN	0200	0560	0325	0270	
COSUN	03.70	04.20	01.21	02.40	

MPG 15.38

TEST NO.C0921 DATE 11/09/73 DRY 74 WET 52 PRES 24.81

	CT	CS	HT	1975
HC	07.36	06.10	04.99	06.06
CO	0119.5	0116.7	0066.0	0103.2
CO2	0454.0	0384.3	0381.0	0398.0
NOX	03.14	01.63	03.40	02.44

	IDLE	LO CR	HI CR	2500	
HC	03641	04816	03945		
LHC	0335	0688	0507		
CO	04.05	04.43	01.44		
NOX	0097	0730	2522		
HCSUN	0200	0560	0325	0270	
COSUN	03.70	04.20	01.21	02.40	

MPG 15.38

VEH.NO. 318 TEST SEQ. 3 YEAR 71 MAKE FORD MODEL GALA ODOMETER 040209 NO.CYL. 8 CID 400

CARB.VENT. 2 TRANS. 1 WEIGHT 4000 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.60	+0075	+00	+00	1	1	1	0	1	0
FROM STATION	03.90	+0020	+05	+00	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0300	0200	06.00	00.20	4	000.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0200	0200	03.10	00.30	1	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0200	0200	03.10	00.30	1	

ADDL RPRS 004.00 EST 000.00

TEST NO.C0922 DATE 11/09/73 DRY 72 WET 51 PRES 24.81 TEST NO.C0947 DATE 11/12/73 DRY 74 WET 52 PRES 24.56

	CT	CS	HT	1975
HC	06.99	04.80	04.50	05.17
CO	0123.2	0107.8	0063.4	0098.7
CO2	0718.0	0649.6	0502.9	0650.9
NOX	07.95	05.78	08.27	06.92

	IDLE	LO CR	HI CR	2500	
HC	04501	02532	02016		
LHC	0389	0295	0233		
CO	07.07	00.71	00.33		
NOX	0064	3383	3965		
HCSUN	0285	0170	0100	0270	
COSUN	06.70	00.65	00.35	00.85	

MPG 10.83

	CT	CS	HT	1975
HC	07.65	03.98	04.55	04.90
CO	0182.8	0085.1	0063.1	0099.5
CO2	0669.4	0656.1	0550.7	0657.4
NOX	05.95	04.92	06.90	05.69

	IDLE	LO CR	HI CR	2500	
HC	03635	02665	02017		
LHC	0326	0325	0242		
CO	04.31	01.51	00.93		
NOX	0076	2463	3308		
HCSUN	0260	0220	0130	0120	
COSUN	04.50	01.60	00.85	01.50	

MPG 10.74

VEH.NO. 319 TEST SEQ. 3 YEAR 71 MAKE FORD MODEL TORI ODOMETER 013444 NO.CYL. 8 CID 351

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.10	-0100	+00	+01	1	1	1	0	2	0
FROM STATION	02.60	-0010	+00	+01	1	1	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0250	0110	06.30	01.00	3	003.50
AFT.RPM.ADJ	0250	0120	04.80	01.00	3	002.00
AFT.TI ADJ1	0190	0110	02.60	00.60	1	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0190	0110	02.60	00.60	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0923 DATE 11/09/73 DRY 68 WET 51 PRES 24.85

	CT	CS	HT	1975
HC	06.29	05.31	04.91	05.41
CO	0075.7	0092.7	0057.0	0079.3
CO2	0606.3	0564.4	0472.2	0547.6
NOX	05.13	02.68	04.33	03.65

	IDLE	LO CR	HI CR	2500	
HC	04376	03293	03312		
LHC	0392	0436	0425		
CO	05.31	00.88	01.14		
NOX	0065	2136	2929		
HCSUN	0310	0285	0240	0170	
COSUN	05.00	00.80	01.00	01.10	

MPG 12.92

TEST NO.C0948 DATE 11/12/73 DRY 76 WET 52 PRES 24.52

	CT	CS	HT	1975
HC	06.95	04.68	05.97	05.51
CO	0098.8	0079.1	0068.1	0080.2
CO2	0588.5	0527.6	0469.8	0524.3
NOX	04.23	02.53	03.95	03.28

	IDLE	LO CR	HI CR	2500	
HC	03114	03083	03137		
LHC	0275	0350	0339		
CO	02.70	00.74	01.15		
NOX	0072	2109	3019		
HCSUN	0215	0270	0240	0140	
COSUN	02.50	00.75	01.10	01.20	

MPG 13.34

VEH.NO. 320 TEST SEQ. 3 YEAR 73 MAKE FORD MODEL MUST ODOMETER 003445 NO.CYL. 8 CID 351

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	06.00	+0055	-08	+00	1	1	1	0	2	2
FROM STATION	06.00	+0055	-08	+00	1	1	1	0	2	2

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0190	0100	03.00	01.10	1	001.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0190	0100	03.00	01.10	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0924 DATE 11/09/73 DRY 70 WET 51 PRES 24.81

	CT	CS	HT	1975
HC	05.28	05.02	04.36	04.89
CO	0098.6	0134.5	0083.4	0112.8
CO2	0572.4	0513.8	0442.6	0506.3
NOX	01.83	00.99	01.71	01.37

	IDLE	LO CR	HI CR	2500	
HC	05642	02981	02819		
LHC	0485	0410	0382		
CO	06.46	02.14	01.73		
NOX	0051	1074	1360		
HCSUN	0350	0280	0230	0190	
COSUN	05.80	02.00	01.70	02.40	

MPG 12.74

TEST NO.C0924 DATE 11/09/73 DRY 70 WET 51 PRES 24.81

	CT	CS	HT	1975
HC	05.28	05.02	04.36	04.89
CO	0098.6	0134.5	0083.4	0112.8
CO2	0572.4	0513.8	0442.6	0506.3
NOX	01.83	00.99	01.71	01.37

	IDLE	LO CR	HI CR	2500	
HC	05642	02981	02819		
LHC	0485	0410	0382		
CO	06.46	02.14	01.73		
NOX	0051	1074	1360		
HCSUN	0350	0280	0230	0190	
COSUN	05.80	02.00	01.70	02.40	

MPG 12.74

VEH.NO. 321 TEST SEQ. 3 YEAR 70 MAKE CHEVROLET MODEL NOVA ODOMETER 012130 NO.CYL. 6 CID 250

CARB.VENT. 1 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	04.70	+0050	-02	+00	1	2	1	0	2	0
FROM STATION	04.70	+0050	-02	+00	1	2	1	0	2	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0075	0025	00.30	00.10	1	000.00
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0075	0025	00.30	00.10	1	

ADDL RPRS 006.00 EST 000.00

TEST NO.C0935 DATE 11/12/73 DRY 73 WET 50 PRES 24.73

	CT	CS	HT	1975
HC	06.04	03.14	02.78	03.65
CO	0115.5	0042.7	0040.2	0057.2
CO2	0558.5	0539.5	0493.3	0530.7
NOX	03.80	02.58	04.10	03.26

	IDLE	LO CR	HI CR	2500	
HC	03421	02644	02679		
LHC	0392	0238	0259		
CO	05.09	00.83	01.43		
NOX	0090	2139	2324		
HCSUN	0345	0155	0145	0080	
COSUN	04.70	00.85	01.45	01.35	

MPG 14.09

TEST NO.C0935 DATE 11/12/73 DRY 73 WET 50 PRES 24.73

	CT	CS	HT	1975
HC	06.04	03.14	02.78	03.65
CO	0115.5	0042.7	0040.2	0057.2
CO2	0558.5	0539.5	0493.3	0530.7
NOX	03.80	02.58	04.10	03.26

	IDLE	LO CR	HI CR	2500	
HC	03421	02644	02679		
LHC	0392	0238	0258		
CO	05.09	00.83	01.43		
NOX	0090	2139	2324		
HCSUN	0345	0155	0145	0080	
COSUN	04.70	00.85	01.45	01.35	

MPG 14.09

VEH.NO. 322 TEST SEQ. 3 YEAR 70 MAKE CHEVROLET MODEL NOVA ODOMETER 032511 NO.CYL. 8 CID 307

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	07.40	-0025	-02	-08	1	1	1	0	2	0
FROM STATION	03.40	-0100	-01	-07	1	1	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0860	0820	08.20	06.10	4	002.50
AFT.RPM.ADJ	0860	0820	08.10	06.00	4	002.50
AFT.TI ADJ1	0460	0300	02.30	02.30	1	002.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0460	0300	02.30	02.30	1	

ADDL RPRS 002.50 EST 000.00

TEST NO.C0936 DATE 11/12/73 DRY 73 WET 50 PRES 24.72

	CT	CS	HT	1975
HC	10.06	07.74	05.74	07.67
CO	0109.4	0078.4	0059.8	0079.7
CO2	0412.5	0412.3	0358.6	0397.5
NOX	02.80	02.57	03.53	02.88

	IDLE	LO CR	HI CR	2500
HC	07291	04197	03847	
LHC	0916	0557	0466	
CO	08.97	00.88	01.78	
NOX	0050	2229	2152	
HCSUN	0750	0430	0320	0190
COSUN	07.3[illegible]	01.05	01.70	01.70

MPG 16.28

TEST NO.C0964 DATE 11/13/73 DRY 70 WET 51 PRES 24.49

	CT	CS	HT	1975
HC	08.52	05.44	05.45	06.09
CO	0112.6	0047.5	0061.8	0065.1
CO2	0437.3	0432.8	0394.7	0423.2
NOX	03.13	02.88	03.50	03.10

	IDLE	LO CR	HI CR	2500
HC	05726	04270	04026	
LHC	0576	0536	0453	
CO	04.12	01.00	02.64	
NOX	0055	2391	2014	
HCSUN	0490	0420	0330	0450
COSUN	03.20	00.90	02.40	01.10

MPG 16.35

VEH.NO. 323 TEST SEQ. 3 YEAR 70 MAKE PONTIAC MODEL TEMP ODOMETER 030849 NO.CYL. 8 CID 350

CARB.VENT. 2 TRANS. 1 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	08.50	+0025	+01	-03	1	2	1	0	?	0
FROM STATION	04.10	+0000	+00	-03	1	1	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0600	0120	08.20	02.40	4	004.50
AFT.RPM.ADJ	0590	0160	08.00	04.00	4	001.50
AFT.TI ADJ1	0270	0160	04.20	03.80	3	001.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0250	0160	02.60	04.00	1	

ADDL RPRS 018.54 EST 000.00

TEST NO.C0937 DATE 11/12/73 DRY 73 WET 50 PRES 24.71

	CT	CS	HT	1975
HC	20.34	22.78	12.51	19.42
CO	0206.8	0248.9	0160.3	0215.5
CO2	0477.9	0480.4	0393.1	0455.7
NOX	02.70	01.91	02.67	02.29

	IDLE	LO CR	HI CR	2500	
HC	11538	05488	03999		
LHC	0785	0686	0457		
CO	08.77	07.62	03.87		
NOX	0204	1394	2063		
HCSUN	0720	0530	0295	0175	
COSUN	08.20	06.70	03.45	05.00	

MPG 10.41

TEST NO.C0965 DATE 11/13/73 DRY 76 WET 54 PRES 24.50

	CT	CS	HT	1975
HC	09.53	05.66	05.05	06.30
CO	0148.7	0147.8	0107.2	0136.7
CO2	0508.4	0522.0	0424.0	0492.0
NOX	02.50	01.63	02.39	02.02

	IDLE	LO CR	HI CR	2500	
HC	04046	04334	03527		
LHC	0461	0568	0411		
CO	04.61	06.08	03.75		
NOX	0082	0794	2070		
HCSUN	0250	0400	0260	0120	
COSUN	04.00	04.70	03.10	03.60	

MPG 12.26

VEH.NO. 324 TEST SEQ. 3 YEAR 73 MAKE CHEVROLET MODEL NOVA ODOMETER 004682 NO.CYL. 6 CID 250

CARB.VENT. 1 TRANS. 3 WEIGHT 3500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.95	+0060	-01	+01	1	2	1	0	2	1
FROM STATION	00.95	+0060	-01	+01	1	2	1	0	2	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0080	0050	00.50	00.50	1	003.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0080	0050	00.50	00.50	1	

ADDL RPRS 000.00 EST 003.50

TEST NO.C0939 DATE 11/12/73 DRY 77 WET 52 PRES 24.70

	CT	CS	HT	1975
HC	07.28	02.57	03.20	03.73
CO	0090.1	0047.1	0052.4	0057.5
CO2	0539.0	0626.9	0478.0	0567.2
NOX	01.60	01.10	01.73	01.38

	IDLE	LO CR	HI CR	2500	
HC	00788	00968	00537		
LHC	0122	0171	0138		
CO	01.32	00.94	01.09		
NOX	0067	0490	0869		
HCSUN	0040	0050	0030	0025	
COSUN	00.95	00.80	00.95	00.32	

MPG 13.31

TEST NO.C0939 DATE 11/12/73 DRY 77 WET 52 PRES 24.70

	CT	CS	HT	1975
HC	07.28	02.57	03.20	03.73
CO	0090.1	0047.1	0052.4	0057.5
CO2	0539.0	0626.9	0478.0	0567.2
NOX	01.60	01.10	01.73	01.38

	IDLE	LO CR	HI CR	2500	
HC	00788	00968	00537		
LHC	0122	0171	0138		
CO	01.32	00.94	01.09		
NOX	0067	0490	0869		
HCSUN	0040	0050	0030	0025	
COSUN	00.95	00.80	00.95	00.32	

MPG 13.31

VEH.NO. 325 TEST SEQ. 3 YEAR 73 MAKE FORD MODEL GALA ODOMETER 016385 NO.CYL. 8 CID 351

CARB.VENT. 2 TRANS. 1 WEIGHT 4500 EXH.CON. 1 EVAP.CON. 1 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	05.50	+0020	+02	+00	1	1	1	0	2	1
FROM STATION	05.50	+0020	+02	+00	1	1	1	0	2	1

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0150	0070	02.60	01.10	1	001.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0150	0070	02.60	01.10	1	

ADDL RPRS 000.00 EST 000.00

TEST NO.C0938 DATE 11/12/73 DRY 77 WET 52 PRES 24.71

	CT	CS	HT	1975
HC	07.48	05.43	05.37	05.84
CO	0117.7	0112.7	0086.9	0106.6
CO2	0591.9	0604.1	0520.4	0578.3
NOX	02.16	01.89	02.25	02.05

	IDLE	LO CR	HI CR	2500	
HC	04013	03681	03199		
LHC	0454	0454	0372		
CO	05.85	02.00	02.09		
NOX	0088	1943	1125		
HCSUN	0375	0335	0250	0170	
COSUN	05.00	01.85	01.95	02.40	

MPG 11.66

TEST NO.C0938 DATE 11/12/73 DRY 77 WET 52 PRES 24.71

	CT	CS	HT	1975
HC	07.48	05.43	05.37	05.84
CO	0117.7	0112.7	0086.9	0106.6
CO2	0591.9	0604.1	0520.4	0578.3
NOX	02.16	01.89	02.25	02.05

	IDLE	LO CR	HI CR	2500	
HC	04013	03681	03199		
LHC	0454	0454	0372		
CO	05.85	02.00	02.09		
NOX	0088	1943	1125		
HCSUN	0375	0335	0250	0170	
COSUN	05.00	01.85	01.95	02.40	

MPG 11.66

VEH.NO. 326 TEST SEQ. 1 YEAR 69 MAKE TOYOTA MODEL CORO ODOMETER 076050 NO.CYL. 4 GID 116

CARB.VENT. 2 TRANS. 4 WEIGHT 2500 EXH.CON. 1 EVAP.CON. 2 PCV 2

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	03.50	-0175	-08	+00	0	2	1	0	1	0
FROM STATION	00.70	-0100	-07	+02	0	2	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0860	0590	00.70	01.60	2	005.50
AFT.RPM.ADJ	1140	0800	01.00	01.80	2	005.50
AFT.TI ADJ1	0140	0280	01.20	01.50	1	005.50
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0140	0280	01.20	01.50	1	

ADDL RPRS 035.50 EST 000.00

TEST NO.C0952 DATE 11/13/73 DRY 75 WET 52 PRES 24.50

	CT	CS	HT	1975
HC	05.15	07.09	06.76	06.59
CO	0120.7	0156.9	0170.9	0153.2
CO2	0328.3	0348.0	0261.9	0320.0
NOX	02.69	01.44	00.84	01.54

	IDLE	LO CR	HI CR	2500	
HC	04433	05320	04169		
LHC	0301	0678	0508		
CO	03.66	11.22	11.06		
NOX	0034	0196	0275		
HCSUN	0210	0360	0250	0750	
COSUN	03.20	08.40	09.10	03.60	

MPG 15.32

TEST NO.C0981 DATE 11/14/73 DRY 71 WET 48 PRES 24.51

	CT	CS	HT	1975
HC	04.70	03.89	05.01	04.37
CO	0141.3	0149.2	0150.2	0147.8
CO2	0288.3	0350.1	0277.6	0317.1
NOX	01.32	00.76	01.01	00.95

	IDLE	LO CR	HI CR	2500	
HC	02796	01567	02639		
LHC	0439	0234	0324		
CO	01.00	04.41	06.40		
NOX	0090	0522	1100		
HCSUN	0150	0080	0140	0210	
COSUN	00.50	03.40	04.70	01.60	

MPG 15.82

VEH.NO. 327 TEST SEQ. 1 YEAR 70 MAKE TOYOTA MODEL CORO ODOMETER 051836 NO.CYL. 4 CID 113

CARB.VENT. 2 TRANS. 4 WEIGHT 2500 EXH.CON. 1 EVAP.CON. 2 PCV 1

	IDLE CO	IDLE RPM	TIMING	DWELL	PCV	A/C	CHOKE	A/P	MIS	NOX
FROM OWNER	00.21	+0200	+05	-02	1	1	1	0	1	0
FROM STATION	00.15	+0270	-04	-05	1	1	1	0	1	0

	IDLE HC	2500 HC	IDLE CO	2500 CO	CODE	COST
INITIAL	0700	0120	00.20	00.30	2	005.50
AFT.RPM.ADJ	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ1	0000	0000	00.00	00.00	0	000.00
AFT.TI ADJ2	0000	0000	00.00	00.00	0	000.00
FINAL	0700	0120	00.20	00.30	2	

ADDL RPRS 000.00 EST 045.00

TEST NO.C0978 DATE 11/14/73 DRY 72 WET 49 PRES 24.46

	CT	CS	HT	1975
HC	08.29	04.92	04.46	05.50
CO	0135.8	0042.0	0042.5	0051.7
CO2	0337.2	0399.1	0324.8	0365.6
NOX	02.49	03.19	03.24	03.06

	IDLE	LO CR	HI CR	2500	
HC	05732	02597	02703		
LHC	0855	0302	0310		
CO	00.32	00.21	00.39		
NOX	0132	2299	3654		
HCSUN	0400	0510	0160	0110	
COSUN	00.25	00.20	00.40	00.20	

MPG 18.56

TEST NO.C0982 DATE 11/15/73 DRY 75 WET 49 PRES 24.77

	CT	CS	HT	1975
HC	06.68	03.44	03.23	04.06
CO	0088.4	0016.1	0023.6	0033.3
CO2	0334.3	0433.6	0343.1	0387.7
NOX	02.33	04.09	03.38	03.53

	IDLE	LO CR	HI CR	2500	
HC	01726	02205	02693		
LHC	0227	0258	0319		
CO	00.23	00.27	02.00		
NOX	0186	1834	2888		
HCSUN	0170	0130	0170	0145	
COSUN	00.19	00.27	01.80	02.00	

MPG 19.67