BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Code of Regulations, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the requirements of the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (California Health and Safety Code Section 43205).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 4th day of January, 1990

K. D. Drachand, Chief
Mobile Source Division

(FOR CARB USE ONLY)

E.O. # A-6-515

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: M3G5.7T5TYA5

PASSENGER CARS___ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES_X_ GAS_X_ DIESEL___

ENGINE TYPE: V8 LITER (CID): 5.0 (305) EVAP FAMILY: MFO-3C

EMISSION CONTROL SYSTEM: EGR/TWC/O2S (OBD, TBI)

ENGINE: FRONT_X_ MID___ REAR___ DRIVE: FWD___ RWD_X_ 4WD-FT___ 4WD-PT___

CERTIFICATION STANDARDS: .50 HC, 1.0 NOx DPA: See Attachment I

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	DPA (SEE ATTACH I)	IGN SYST (ECU/PROM) PART NO.	EGR SYST PART NO.	CATALYST PART NO.
23	C20903+E63	A4	4750		16136611/	17087201	25101903,
	C20953+E63		5000		APRH		25101899
	C20753+E63						
	G21005		4500				
	G21305						
	G11305						
	C10703+E62		4250				
	C10703+E63						
	G11005						
	C10903+E63		4500				
	C10953+E63		4750				
	C10753+E62						
	C10753+E63						
23A						17087194	
24	C20903+E63		4750			17087201	
	C20953+E63		5000				
	C20753+E63						
	G21005		4500				
	G11005						
	G11305						
	G21305						
	C10703+E62		4250				
	C10703+E63						
	C10903+E63		4500				
	C10953+E63		4750				
	C10753+E62						
	C10753+E63						
24A						17087194	

ISSUED: 10-27-89 REV. NO.: 001, 004, 005

(FOR CARB USE ONLY)

E.O. # A-6-515

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: M3G5.7T5TYA5

PASSENGER CARS___ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES_X_ GAS_X_ DIESEL___

ENGINE TYPE: V8 LITER (CID): 5.0 (305) EVAP FAMILY: MFO-3C

EMISSION CONTROL SYSTEM: EGR/TWC/O2S (OBD, TBI)

ENGINE: FRONT_X_ MID___ REAR___ DRIVE: FWD___ RWD___ 4WD-FT___ 4WD-PT_X_

CERTIFICATION STANDARDS: .50 HC, 1.0 NOx DPA: See Attachment I

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	DPA (SEE ATTACH I)	IGN SYST (ECU/PROM) PART NO.	EGR SYST PART NO.	CATALYST PART NO.
23	K10703+E62	A4	4750		16136611/ APRH	17087201	25101903, 25101899
	K10703+E63						
	K10903+E63						
	K10953+E63		5250				
	K10753+E62						
	K10753+E63						
	K20903+E63		5000				
	K20953+E63		5250				
	K20753+E63						
24	K10703+E62		4750				
	K10703+E63						
	K10903+E63		5000				
	K10953+E63		5250				
	K10753+E62						
	K10753+E63						
	K20903+E63						
	K20953+E63						
	K20753+E63						

ISSUED: 10-27-89 REV. NO.: 004, 005, 006

(FOR CARB USE ONLY)

E.O. # A-6-515

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: M3G5.7T5TYA5

PASSENGER CARS___ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES_X_ GAS_X_ DIESEL___

ENGINE TYPE: V8 LITER (CID): 5.7 (350) EVAP FAMILY: MFO-3C

EMISSION CONTROL SYSTEM: EGR/TWC/O2S (OBD, TBI)

ENGINE: FRONT_X_ MID___ REAR___ DRIVE: FWD___ RWD_X_ 4WD-FT___ 4WD-PT___

CERTIFICATION STANDARDS: .50 HC, 1.0 NOx DPA: See Attachment I

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	DPA (SEE ATTACH I)	IGN SYST (ECU/PROM) PART NO.	EGR SYST PART NO.	CATALYST PART NO.
60	C20903+E63	A4	4750		16136291/ ARJT	17087194	25101901
63	C10703+E62		4250		16136301/ ARJU		
	C10703+E63						
	C10903+E63		4500				
	C10953+E63		4750				
	C10753+E62						
	C10753+E63						
	C20903+E63						
	C20953+E63		5000				
	C20753+E63						
	G21305		4500				
	G21306		5250				
	G31306		5500				
	R10906						

ISSUED: 10-27-89 REV. NO.: 002, 004, 005, 007

(FOR CARB USE ONLY)

E.O. # A-6-515

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: M3G5.7T5TYA5

PASSENGER CARS___ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES_X_ GAS_X_ DIESEL___

ENGINE TYPE: V8 LITER (CID): 5.7 (350) EVAP FAMILY: MFO-3C

EMISSION CONTROL SYSTEM: EGR/TWC/O2S (OBD, TBI)

ENGINE: FRONT_X_ MID___ REAR___ DRIVE: FWD___ RWD_X_ 4WD-FT___ 4WD-PT___

CERTIFICATION STANDARDS: .50 HC, 1.0 NOx DPA: See Attachment I

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	DPA (SEE ATTACH I)	IGN SYST (ECU/PROM) PART NO.	EGR SYST PART NO.	CATALYST PART NO.
61	R10906	A4	5500		16136281/ ARJS	17087194	25101901
62	R10906						

ISSUED: 10-27-89 REV. NO.: 005

(FOR CARB USE ONLY)

E.O. # A-6-515

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: M3G5.7T5TYA5

PASSENGER CARS___ LIGHT DUTY TRUCKS_X_ MEDIUM DUTY VEHICLES___ GAS_X_ DIESEL___

ENGINE TYPE: V8 LITER (CID): 5.7 (350) EVAP FAMILY: MFO-3C

EMISSION CONTROL SYSTEM: EGR/TWC/O2S (OBD, TBI)

ENGINE: FRONT_X_ MID___ REAR___ DRIVE: FWD___ RWD_X_ 4WD-FT___ 4WD-PT___

CERTIFICATION STANDARDS: .50 HC, 1.0 NOx DPA: See Attachment I

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	DPA (SEE ATTACH I)	IGN SYST (ECU/PROM) PART NO.	EGR SYST PART NO.	CATALYST PART NO.
63	C10703+E62	A4	4250		16136301/ ARJU	17087194	25101901
	C10703+E63						
	C10903+E63		4500				
64	C10703+E62						
	C10703+E63		4250				
	C10903+E63		4500				

ISSUED: 10-27-89 REV. NO.: 005

(FOR CARB USE ONLY)

E.O. # A-6-515

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: M3G5.7T5TYA5

PASSENGER CARS___ LIGHT DUTY TRUCKS_X_ MEDIUM DUTY VEHICLES___ GAS_X_ DIESEL___

ENGINE TYPE: V8 LITER (CID): 5.7 (350) EVAP FAMILY: MFO-3C

EMISSION CONTROL SYSTEM: EGR/TWC/O2S (OBD, TBI)

ENGINE: FRONT_X_ MID___ REAR___ DRIVE: FWD___ RWD___ 4WD-FT___ 4WD-PT_X_

CERTIFICATION STANDARDS: .50 HC, 1.0 NOx DPA: See Attachment I

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	DPA (SEE ATTACH I)	IGN SYST (ECU/PROM) PART NO.	EGR SYST PART NO.	CATALYST PART NO.
63	K10703+E62 K10703+E63 K10903+E63	A4	4750 5000		16136301/ ARJU	17087194	25101901
64	K10703+E62 K10703+E63 K10903+E63		4750 5000				

ISSUED: 10-27-89 REV. NO.: 005

(FOR CARB USE ONLY)

E.O. # A-6-515

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: M3G5.7T5TYA5

PASSENGER CARS___ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES_X_ GAS_X_ DIESEL___

ENGINE TYPE: V8 LITER (CID): 5.7 (350) EVAP FAMILY: MFO-3C

EMISSION CONTROL SYSTEM: EGR/TWC/O2S (OBD, TBI)

ENGINE: FRONT_X_ MID___ REAR___ DRIVE: FWD___ RWD_X_ 4WD-FT___ 4WD-PT___

CERTIFICATION STANDARDS: .50 HC, 1.0 NOx DPA: See Attachment I

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	DPA (SEE ATTACH I)	IGN SYST (ECU/PROM) PART NO.	EGR SYST PART NO.	CATALYST PART NO.
63	C10703+E62	A4	4250		16136301/ ARJU	17087194	25101901
	C10703+E63						
	C10903+E63		4500				
	C10953+E63		4750				
	C10753+E62						
	C10753+E63						
	C20903+E63						
	C20953+E63		5000				
	C20753+E63						
	G21305		4500				
	G21306		5250				
	G31306		5500				
	R10906						

ISSUED: 10-27-89 REV. NO.: 002, 004, 005

(FOR CARB USE ONLY)

E.O. # A-6-515

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: M3G5.7T5TYA5

PASSENGER CARS___ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES_X_ GAS_X_ DIESEL___

ENGINE TYPE: V8 LITER (CID): 5.7 (350) EVAP FAMILY: MFO-3C

EMISSION CONTROL SYSTEM: EGR/TWC/O2S (OBD, TBI)

ENGINE: FRONT_X_ MID___ REAR___ DRIVE: FWD___ RWD___ 4WD-FT___ 4WD-PT_X_

CERTIFICATION STANDARDS: .50 HC, 1.0 NOx DPA: See Attachment I

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	DPA (SEE ATTACH I)	IGN SYST (ECU/PROM) PART NO.	EGR SYST PART NO.	CATALYST PART NO.
63	K10703+E62	A4	4750		16136301/ ARJU	17087194	25101901
	K10703+E63						
	K10903+E63		5000				
	K10753+E63		5250				
	K10753+E62						
	K10953+E63						
	K20903+E63		5000				
	K20953+E63		5250				
	K20753+E63						
	V10516						
	V10906		6000				

ISSUED: 10-27-89 REV. NO.: 004, 005

(FOR CARB USE ONLY)

E.O. # A-6-515

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: M3G5.7T5TYA5

PASSENGER CARS___ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES_X_ GAS_X_ DIESEL___

ENGINE TYPE: V8 LITER (CID): 5.7 (350) EVAP FAMILY: MFO-3C

EMISSION CONTROL SYSTEM: EGR/TWC/O2S (OBD, TBI)

ENGINE: FRONT_X_ MID___ REAR___ DRIVE: FWD___ RWD_X_ 4WD-FT___ 4WD-PT___

CERTIFICATION STANDARDS: .50 HC, 1.0 NOx DPA: See Attachment I

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	DPA (SEE ATTACH I)	IGN SYST (ECU/PROM) PART NO.	EGR SYST PART NO.	CATALYST PART NO.
64	C10703+E62	A4	4250		16136301/ ARJU	17087194	25101901
	C10703+E63						
	C10903+E63		4500				
	C10953+E63		5000				
	C10753+E63		4750				
	C10753+E62						
	C20903+E63						
	C20953+E63		5000				
	C20753+E63						
	G21305		4500				
	G21306		5250				
	G31306		5500				
	R10906		5500				

ISSUED: 10-27-89 REV. NO.: 004, 005

(FOR CARB USE ONLY)

E.O. # A-6-515

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: M3G5.7T5TYA5

PASSENGER CARS___ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES_X_ GAS_X_ DIESEL___

ENGINE TYPE: V8 LITER (CID): 5.7 (350) EVAP FAMILY: MFO-3C

EMISSION CONTROL SYSTEM: EGR/TWC/O2S (OBD, TBI)

ENGINE: FRONT_X_ MID___ REAR___ DRIVE: FWD___ RWD___ 4WD-FT___ 4WD-PT_X_

CERTIFICATION STANDARDS: .50 HC, 1.0 NOx DPA: See Attachment I

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	DPA (SEE ATTACH I)	IGN SYST (ECU/PROM) PART NO.	EGR SYST PART NO.	CATALYST PART NO.
64	K10703+E62	A4	4750		16136301/ ARJU	17087194	25101901
	K10703+E63						
	K10903+E63		5000				
	K10953+E63		5250				
	K10753+E63						
	K10753+E62						
	K20903+E63		5250				
	K20953+E63		5500				
	K20753+E63		5250				
	V10516						

ISSUED: 10-27-89 REV. NO.: 003, 004, 005

(FOR CARB USE ONLY)

E.O. # A-6-515

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: M3G5.7T5TYA5

PASSENGER CARS___ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES_X_ GAS_X_ DIESEL___

ENGINE TYPE: V8 LITER (CID): 5.7 (350) EVAP FAMILY: MFO-3C

EMISSION CONTROL SYSTEM: EGR/TWC/O2S (OBD, TBI)

ENGINE: FRONT_X_ MID___ REAR___ DRIVE: FWD___ RWD_X_ 4WD-FT___ 4WD-PT___

CERTIFICATION STANDARDS: .60 HC, 1.5 NOx DPA: See Attachment I

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	DPA (SEE ATTACH I)	IGN SYST (ECU/PROM) PART NO.	EGR SYST PART NO.	CATALYST PART NO.
64	V10906	A4	6000		16136301/ ARJU	17087194	25101901

ISSUED: 10-27-89 REV. NO.:

(FOR CARB USE ONLY)

E.O. # A-6-515

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: M3G5.7T5TYA5

PASSENGER CARS___ LIGHT DUTY TRUCKS_X_ MEDIUM DUTY VEHICLES___ GAS_X_ DIESEL___

ENGINE TYPE: V8 LITER (CID): 5.7 (350) EVAP FAMILY: MFO-3C

EMISSION CONTROL SYSTEM: AIR/EGR/TWC/O2S (OBD, TBI)

ENGINE: FRONT_X_ MID___ REAR___ DRIVE: FWD___ RWD_X_ 4WD-FT___ 4WD-PT___

CERTIFICATION STANDARDS: .50 HC, 1.0 NOx DPA: See Attachment I

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	DPA (SEE ATTACH I)	IGN SYST (ECU/PROM) PART NO.	EGR SYST PART NO.	CATALYST PART NO.
65	C10703+E62	M5	4250		16136321/ ARJX	17087194	25101901
	C10703+E63						
	C10903+E63		4500				
66	C10703+E62		4250				
	C10703+E63						
	C10903+E63		4500				

ISSUED: 10-27-89 REV. NO.:

(FOR CARB USE ONLY)

E.O. # A-6-515

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: M3G5.7T5TYA5

PASSENGER CARS___ LIGHT DUTY TRUCKS_X_ MEDIUM DUTY VEHICLES___ GAS_X_ DIESEL___

ENGINE TYPE: V8 LITER (CID): 5.7 (350) EVAP FAMILY: MFO-3C

EMISSION CONTROL SYSTEM: AIR/EGR/TWC/O2S (OBD, TBI)

ENGINE: FRONT_X_ MID___ REAR___ DRIVE: FWD___ RWD___ 4WD-FT___ 4WD-PT_X_

CERTIFICATION STANDARDS: .50 HC, 1.0 NOx DPA: See Attachment I

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	DPA (SEE ATTACH I)	IGN SYST (ECU/PROM) PART NO.	EGR SYST PART NO.	CATALYST PART NO.
65	K10703+E62 K10703+E63 K10903+E63	M5	4750		16136321/ ARJX	17087194	25101901
66	K10703+E62 K10703+E63 K10903+E63		5000				

ISSUED: 10-27-89 REV. NO.: 001, 005

(FOR CARB USE ONLY)

E.O. # A-6-515

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: M3G5.7T5TYA5

PASSENGER CARS___ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES_X_ GAS_X_ DIESEL___

ENGINE TYPE: V8 LITER (CID): 5.7 (350) EVAP FAMILY: MFO-3C

EMISSION CONTROL SYSTEM: AIR/EGR/TWC/O2S (OBD, TBI)

ENGINE: FRONT_X_ MID___ REAR___ DRIVE: FWD___ RWD_X_ 4WD-FT___ 4WD-PT___

CERTIFICATION STANDARDS: .50 HC, 1.0 NOx DPA: See Attachment I

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	DPA (SEE ATTACH I)	IGN SYST (ECU/PROM) PART NO.	EGR SYST PART NO.	CATALYST PART NO.
65	C10703+E62	M5	4250		16136321/ ARJX	17087194	25101901
	C10703+E63						
	C10903+E63		4500				
	C10953+E63		4750				
	C10753+E63						
	C10753+E62						
	C20903+E63						
	C20953+E63		5000				
	C20753+E63						
66	C10703+E62		4250				
	C10703+E63						
	C10903+E63		4500				
	C10953+E63		4750				
	C10753+E63						
	C10753+E62						
	C20903+E63						
	C20953+E63		5000				
	C20753+E63						

ISSUED: 10-27-89 REV. NO.: 004, 005

(FOR CARB USE ONLY)

E.O. # A-6-515

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: M3G5.7T5TYA5

PASSENGER CARS___ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES_X_ GAS_X_ DIESEL___

ENGINE TYPE: V8 LITER (CID): 5.7 (350) EVAP FAMILY: MFO-3C

EMISSION CONTROL SYSTEM: AIR/EGR/TWC/O2S (OBD, TBI)

ENGINE: FRONT_X_ MID___ REAR___ DRIVE: FWD___ RWD___ 4WD-FT___ 4WD-PT_X_

CERTIFICATION STANDARDS: .50 HC, 1.0 NOx DPA: See Attachment I

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	DPA (SEE ATTACH I)	IGN SYST (ECU/PROM) PART NO.	EGR SYST PART NO.	CATALYST PART NO.
65	K10703+E62	M5	4750		16136321/ ARJX	17087194	25101901
	K10703+E63						
	K10903+E63						
	K10953+E63		5250				
	K10753+E63		5000				
	K10753+E62		5250				
	K20903+E63		5000				
	K20953+E63		5250				
	K20753+E63						
66	K10703+E62		4750				
	K10703+E63						
	K10903+E63		5000				
	K10953+E63		5250				
	K10753+E63						
	K10753+E62						
	K20903+E63		5000				
	K20953+E63		5250				
	K20753+E63						

ISSUED: 10-27-89 REV. NO.: 004, 005

ATTACHMENT I

TEST HORSEPOWER VALUES

Body Style	Test Weight Classes	50mph Road Load Hp	without AC Dyno Hp	without AC Coast Down Time	with AC Dyno Hp	with AC Coast Down Time	CD, CA or FA
***** C TRUCK (2WD) *****							
CHEVROLET C1500 PICKUP (CC10703+E62,CC10703+E63,CC10753+E63, CC10903+E63,CC10953+E63) GMC C1500 SIERRA (TC10703+E62,TC10703+E63,TC10753+E63, TC10903+E63,TC10953+E63)							
All	5250 Only	17.48	13.0	18.55	14.3	17.28	CD
All	4750-5000	17.43	13.0	17.74	14.3	16.53	CD
w/(P195, P205 or P225)/75R15 ALS	0-4500	17.23	12.8	16.17	14.1	15.09	CD
w/P235/75R15 ALS	0-4500	17.30	12.8	16.11	14.1	15.08	CA
w/P275/60HR15 AL3	4750-5250	19.05	12.2	16.93	13.4	15.91	CD
w/P275/60HR15 AL3	0-4500	18.66	11.5	14.85	12.6	13.99	CD
CHEVROLET C2500 PICKUP (CC20753+E63,CC20903+E63,CC20953+E63) GMC C2500 SIERRA (TC20753+E63,TC20903+E63,TC20953+E63)							
All	5500 Only	20.41	14.0	16.70	15.4	15.59	CD
All	0-5250	19.11	13.6	17.06	15.0	15.94	CD

ATTACHMENT I

TEST HORSEPOWER VALUES

Body Style	Test Weight Classes	50mph Road Load Hp	without AC Dyno Hp	without AC Coast Down Time	with AC Dyno Hp	with AC Coast Down Time	CD, CA or FA
***** G VAN & SPORTVAN (2WD) *****							
CHEVROLET G10 VAN (CG11005,CG11305)							
CHEVROLET G10 SPORTVAN (CG11006,CG11306)							
GMC G15 VANDURA (TG11005,TG11305)							
GMC G15 RALLY (TG11006,TG11306)							
w/auto trans & P(195or215)/75R15	5250 Only	21.73	16.2	14.95	17.6	14.04	CA
w/auto trans & P(195or215)/75R15	5000 Only	21.47	16.2	14.42	17.6	13.54	CA
w/auto trans & P(195or215)/75R15	4750 Only	21.39	16.2	13.76	17.6	12.92	CA
w/auto trans & P(195or215)/75R15	4500 Only	21.03	16.2	13.28	17.6	12.45	CA
w/auto trans & P(195or215)/75R15	4250 Only	20.85	16.2	12.66	17.6	11.87	CA
w/man. trans & P(195or215)/75R15	5250 Only	21.23	16.2	15.30	17.6	14.35	CA
w/man. trans & P(195or215)/75R15	5000 Only	20.97	16.2	14.76	17.6	13.84	CA
w/man. trans & P(195or215)/75R15	4750 Only	20.89	16.2	14.09	17.6	13.21	CA
w/man. trans & P(195or215)/75R15	4500 Only	20.53	16.2	13.60	17.6	12.73	CA
w/man. trans & P(195or215)/75R15	4250 Only	20.35	16.2	12.98	17.6	12.14	CA
w/auto trans & P205/75R15 ALS	5250 Only	22.33	16.2	14.54	17.6	13.69	CA
w/auto trans & P205/75R15 ALS	5000 Only	22.04	16.2	14.05	17.6	13.21	CA
w/auto trans & P205/75R15 ALS	4750 Only	21.96	16.2	13.41	17.6	12.60	CA
w/auto trans & P205/75R15 ALS	4500 Only	21.56	16.2	12.95	17.6	12.16	CA
w/auto trans & P205/75R15 ALS	4250 Only	21.37	16.2	12.36	17.6	11.60	CA
w/man. trans & P205/75R15 ALS	5250 Only	21.83	16.2	14.88	17.6	13.98	CA
w/man. trans & P205/75R15 ALS	5000 Only	21.54	16.2	14.37	17.6	13.50	CA
w/man. trans & P205/75R15 ALS	4750 Only	21.46	16.2	13.72	17.6	12.88	CA
w/man. trans & P205/75R15 ALS	4500 Only	21.06	16.2	13.26	17.6	12.43	CA
w/man. trans & P205/75R15 ALS	4250 Only	20.87	16.2	12.65	17.6	11.86	CA
w/auto trans & P205/75R15 OOR	5250 Only	22.82	16.2	14.23	17.6	13.41	CA
w/auto trans & P205/75R15 OOR	5000 Only	22.51	16.2	13.75	17.6	12.95	CA
w/auto trans & P205/75R15 OOR	4750 Only	22.42	16.2	13.13	17.6	12.36	CA
w/auto trans & P205/75R15 OOR	4500 Only	21.98	16.2	12.70	17.6	11.94	CA
w/auto trans & P205/75R15 OOR	4250 Only	21.77	16.2	12.13	17.6	11.40	CA
w/man. trans & P205/75R15 OOR	5250 Only	22.32	16.2	14.55	17.6	13.69	CA
w/man. trans & P205/75R15 OOR	5000 Only	22.01	16.2	14.07	17.6	13.22	CA
w/man. trans & P205/75R15 OOR	4750 Only	21.92	16.2	13.43	17.6	12.62	CA
w/man. trans & P205/75R15 OOR	4500 Only	21.48	16.2	13.00	17.6	12.20	CA
w/man. trans & P205/75R15 OOR	4250 Only	21.27	16.2	12.41	17.6	11.65	CA
w/auto trans & P225/75R15 ALS	4500 Only	20.98	16.2	13.22	17.6	12.39	CA
w/auto trans & P225/75R15 ALS	4250 Only	20.80	16.2	12.61	17.6	11.81	CA

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TEST HORSEPOWER VALUES

Body Style	Test Weight Classes	50mph Road Load Hp	without.AC Dyno Hp	without.AC Coast Down Time	.with..AC. Dyno Hp	.with..AC. Coast Down Time	CD, CA or FA
***** G VAN & SPORTVAN (2WD) (continued) *****							
CHEVROLET G20 VAN (CG21005,CG21305)							
CHEVROLET G20 SPORTVAN (CG21306)							
GMC G25 VANDURA (TG21005,TG21305)							
GMC G25 RALLY (TG21306)							
All	5500-6000	22.65	17.2	16.35	18.6	15.41	CD
w/auto trans & P(225or235)/75R15	5250 Only	21.56	16.2	15.06	17.6	14.15	CA
w/auto trans & P(225or235)/75R15	5000 Only	21.31	16.2	14.53	17.6	13.63	CA
w/auto trans & P(225or235)/75R15	4750 Only	21.23	16.2	13.87	17.6	13.01	CA
w/auto trans & P(225or235)/75R15	4500 Only	20.88	16.2	13.37	17.6	12.53	CA
w/auto trans & P(225or235)/75R15	4250 Only	20.71	16.2	12.75	17.6	11.94	CA
w/man. trans & P(225or235)/75R15	5250 Only	21.06	16.2	15.42	17.6	14.46	CA
w/man. trans & P(225or235)/75R15	5000 Only	20.81	16.2	14.88	17.6	13.94	CA
w/man. trans & P(225or235)/75R15	4750 Only	20.73	16.2	14.20	17.6	13.30	CA
w/man. trans & P(225or235)/75R15	4500 Only	20.38	16.2	13.70	17.6	12.81	CA
w/man. trans & P(225or235)/75R15	4250 Only	20.21	16.2	13.07	17.6	12.22	CA

ATTACHMENT I

TEST HORSEPOWER VALUES

Body Style	Test Weight Classes	50mph Road Load Hp	without AC Dyno Hp	without AC Coast Down Time	with AC Dyno Hp	with AC Coast Down Time	CD, CA or FA
***** G VAN & SPORTVAN (2WD) (continued) *****							
CHEVROLET G30 VAN (CG31305) CHEVROLET G30 SPORTVAN (CG31306) GMC G35 VANDURA (TG31305) GMC G35 RALLY (TG31306)							
All	6000 Only		20.5		22.0		FA
CHEVROLET G30 VAN (CG31305) with SEO 5Q9 (Federal Express Pkg.) GMC G35 VANDURA (TG31305) with SEO 5Q9 (Federal Express Pkg.)							
w/Bridgestone 8.75R16.5/E tires	0-5000	26.11	18.5	11.86	19.9	11.25	CA
CHEVROLET G30 VAN (CG31305) without SEO 5Q9 (Federal Express Pkg.) GMC G35 VANDURA (TG31305) without SEO 5Q9 (Federal Express Pkg.)							
All	0-5000	25.91	19.0	12.00	20.4	11.37	CD
CHEVROLET G30 SPORTVAN (CG31306) GMC G35 RALLY (TG31306)							
All	0-5500	26.03	19.4	13.13	20.8	12.45	CD

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TEST HORSEPOWER VALUES

Body Style	Test Weight Classes	50mph Road Load Hp	without.AC Dyno Hp	without.AC Coast Down Time	.with..AC. Dyno Hp	.with..AC. Coast Down Time	CD, CA or FA
***** K TRUCK (4WD) *****							
CHEVROLET K1500 PICKUP (CK10703+E62,CK10703+E63,CK10753+E63, CK10903+E63,CK10953+E63) GMC K1500 SIERRA (TK10703+E62,TK10703+E63,TK10753+E63, TK10903+E63,TK10953+E63)							
w/LT225/75R16/C	5000-5500	21.45	15.0	15.86	16.4	14.91	CD
w/LT225/75R16/C	0-4750	20.07	13.8	14.68	15.1	13.82	CD
w/LT245/75R16/C	0-5500	21.55	14.4	15.80	15.8	14.84	CD
w/LT265/75R16/C	0-5500	22.57	13.6	15.10	15.0	14.25	CD
CHEVROLET K2500 PICKUP (CK20903+E63) GMC K2500 SIERRA (TK20903+E63)							
w/LT225/75R16/D	0-5500	23.98	14.2	14.20	15.6	13.44	CD
w/LT245/75R16/E OOR	5250-5500	23.37	14.2	14.57	15.6	13.79	CA
w/LT245/75R16/E OOR	0-5000	22.27	14.2	13.93	15.6	13.15	CA
w/LT245/75R16/E ALS	5250-5500	22.53	14.2	15.06	15.6	14.17	CA
w/LT245/75R16/E ALS	0-5000	21.91	14.2	14.10	15.6	13.25	CA
CHEVROLET K2500 PICKUP (CK20753+E63,CK20953+E63) GMC K2500 SIERRA (TK20753+E63,TK20953+E63)							
w/LT245/75R16/C	0-6000	23.21	16.1	16.01	17.5	15.10	CD

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TEST HORSEPOWER VALUES

Body Style	Test Weight Classes	50mph Road Load Hp	without AC Dyno Hp	without AC Coast Down Time	with AC Dyno Hp	with AC Coast Down Time	CD, CA or FA
***** L VAN (CARGO & PASSENGER) *****							
CHEVROLET ASTRO (CL10905,CL11005,CL10906,CL11006)							
GMC SAFARI (TL10905,TL11005,TL10906,TL11006)							
w/(P205 & P215)/75R15 ALS	0-4750	19.10	14.9	15.35	16.3	14.35	CD
***** M VAN (CARGO & PASSENGER) *****							
CHEVROLET ASTRO (CM10905,CM11005,CM10906,CM11006)							
GMC SAFARI (TM10905,TM11005,TM10906,TM11006)							
w/(P195, P205 & P215)/75R15 ALS	4000-4500	16.63	12.6	16.65	13.8	15.47	CD
w/(P195, P205 & P215)/75R15 ALS	0-3875	15.49	12.0	15.46	13.3	14.39	CD
w/P245/60HR15 AL3	4500 Only	19.45	13.1	14.23	14.4	13.35	CA
w/P245/60HR15 AL3	0-4250	19.38	13.1	13.60	14.4	12.72	CD
***** R TRUCK (2WD) *****							
CHEVROLET R15000 SUBURBAN (CR10906)							
GMC R1500 SUBURBAN (TR10906)							
All	0-6000	18.85	11.3	19.64	12.5	18.55	CD

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TEST HORSEPOWER VALUES

Body Style	Test Weight Classes	50mph Road Load Hp	without AC Dyno Hp	without AC Coast Down Time	with AC Dyno Hp	with AC Coast Down Time	CD, CA or FA
***** S TRUCK (2WD) *****							
CHEVROLET S10 4 DOOR BLAZER 2WD (CS10516)							
GMC JIMMY SONOMA 4 DOOR 2WD (TS10506)							
with C51	0-4000	14.85	10.8	16.62	11.8	15.52	CD
without C51	0-4000	14.40	10.3	17.16	11.3	16.03	CD
CHEVROLET S10 2 DOOR BLAZER 2WD (CS10516)							
GMC JIMMY SONOMA 2 DOOR 2WD (TS10506)							
with C51	0-3750	14.31	10.8	16.25	11.9	15.15	CD
without C51	0-3750	13.59	9.8	17.11	10.8	16.01	CA
CHEVROLET S10 PICKUP 2WD (CS10603+E63,CS10653+E63,CS10803+E63)							
GMC SONOMA PICKUP 2WD (TS10603+E63,TS10653+E63,TS10803+E63)							
w/P(195or205)/75R14 w/auto trans	3125-3500	15.47	10.6	13.99	11.6	13.14	CA
w/P(195or205)/75R14 w/auto trans	0-3000	15.07	10.6	12.45	11.6	11.56	CA
w/P(195or205)/75R14 w/man. trans	3125-3500	14.25	10.6	15.19	11.6	14.15	CA
w/P(195or205)/75R14 w/man. trans	0-3000	13.85	10.6	13.44	11.6	12.50	CA
w/P215/65R15 HWY	3500 Only	15.47	11.1	14.00	12.2	13.00	CA
w/P215/65R15 HWY	0-3375	14.40	10.4	14.52	11.4	13.56	CA
CHEVROLET S10 CAB CHASSIS 2WD (CS10803+ZW9)							
GMC SONOMA CAB CHASSIS 2WD (TS10803+ZW9)							
w/2.5L L4 engine	All		16.0		17.0		FA
w/(2.8L or 4.3L) V6 engine	All		22.5		23.5		FA

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TEST HORSEPOWER VALUES

Body Style	Test Weight Classes	50mph Road Load Hp	without AC Dyno Hp	without AC Coast Down Time	with AC Dyno Hp	with AC Coast Down Time	CD, CA or FA
***** S TRUCK (4WD) *****							
CHEVROLET S10 4 DOOR BLAZER 4WD (CT10506)							
GMC JIMMY SONOMA 4 DOOR 4WD (TT10506)							
w/P205/75R15 & w/C51	0-4250	17.99	11.7	14.60	12.9	13.73	CD
w/P205/75R15 & w/o C51	0-4250	17.03	10.7	15.43	11.8	14.54	CD
w/P235/75R15 OOR & w/C51	0-4250	18.25	11.6	14.33	12.7	13.48	CA
w/P235/75R15 OOR & w/o C51	0-4250	17.29	10.6	15.12	11.6	14.26	CA
CHEVROLET S10 2 DOOR BLAZER 4WD (CT10516)							
GMC JIMMY SONOMA 2 DOOR 4WD (TT10516)							
w/o P235/75R15 OOR & w/C51	0-4000	16.42	11.9	15.07	13.0	14.09	CD
w/o P235/75R15 OOR & w/o C51	0-4000	15.39	10.9	16.08	12.0	15.10	CA
w/P235/75R15 OOR & w/C51	0-4000	16.65	11.7	14.89	12.8	13.94	CD
w/P235/75R15 OOR & w/o C51	0-4000	15.52	10.4	15.97	11.5	15.02	CA
CHEVROLET S10 PICKUP 4WD (CT10603+E63,CT10653+E63,CT10803+E63) without SEO 5Z7 (Baja package)							
GMC SONOMA PICKUP 4WD (TT10603+E63,TT10653+E63,TT10803+E63) without SEO 5Z7 (Baja package)							
All	4000 Only	18.52	11.7	13.38	12.9	12.60	CD
All	0-3875	15.51	10.9	15.46	12.0	14.48	CD
CHEVROLET S10 PICKUP 4WD (CT10603+E63,CT10653+E63,CT10803+E63) with SEO 5Z7 (Baja package)							
GMC SONOMA PICKUP 4WD (TT10603+E63,TT10653+E63,TT10803+E63) with SEO 5Z7 (Baja package)							
w/(auto trans & P235/75R15 OOR)	4000 Only	19.35	13.1	12.83	14.5	12.03	CD
w/(man. trans & P235/75R15 OOR)	4000 Only	18.85	13.1	13.09	14.5	12.24	CD
w/(auto trans & P235/75R15 OOR)	0-3875	18.97	13.1	12.61	14.5	11.81	CD
w/(man. trans & P235/75R15 OOR)	0-3875	18.47	13.1	12.95	14.5	12.11	CD

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TEST HORSEPOWER VALUES

Body Style	Test Weight Classes	50mph Road Load Hp	without AC Dyno Hp	without AC Coast Down Time	with AC Dyno Hp	with AC Coast Down Time	CD, CA or FA
***** U VAN (FWD) *****							
CHEVROLET APV (cargo), LUMINA APV (1UM05,1UM06)							
PONTIAC TRANS SPORT (2UM06)							
OLDSMOBILE SILHOUETTE (3UM06)							
w/auto trans & P205/70R14 ALS	3750-4000	14.16	8.9	17.35	9.8	16.34	CA
w/auto trans & P205/70R14 ALS	0-3625	13.82	8.8	16.13	9.7	15.16	CA
w/auto trans & P195/70R15 AL3	3750-4000	15.50	7.5	15.86	8.3	15.13	CA
w/auto trans & P195/70R15 AL3	0-3625	15.08	7.4	14.79	8.1	14.14	CA
***** V TRUCK (4WD) *****							
CHEVROLET V1500 BLAZER (CV10516)							
GMC V1500 JIMMY (TV10516)							
w/o 31x10.5R15 LT/B tires	5500 Only	20.32	14.7	16.72	16.1	15.65	CD
w/o 31x10.5R15 LT/B tires	0-5250	20.29	14.4	16.00	15.8	14.98	CD
w/31x10.5R15 LT/B tires	5500 Only	22.37	15.0	15.19	16.4	14.22	CD
w/31x10.5R15 LT/B tires	0-5250	22.33	14.2	14.54	15.6	13.61	CD
CHEVROLET V1500 SUBURBAN (CV10906)							
GMC V1500 SUBURBAN (TV10906)							
All	0-6000	20.97	14.2	17.66	15.6	16.55	CD

NOTE: CD - ACTUAL COASTDOWN METHOD RESULTS
CA - CALCULATED BASED ON COASTDOWN METHOD RESULTS
FA - FRONTAL AREA METHOD RESULTS

(FOR CARB USE ONLY) E.O. # A-6-515

CERTIFICATION REVIEW SHEET
EXHAUST/EVAPORATIVE SYSTEM & FILL PIPE SPECIFICATION COMPLIANCE

31.941

Manufacturer: General Motors Corporation — Engine Family: M3G5.7T5TYA5

Rated HP: 175 @ 4000 RPM — Rated Torque: 270 @ 2400 RPM

170 @ 4000 RPM (G-Van Only) — 5.0L EGR/TWC 4.318 — 255 @ 2400 RPM

210 @ 4000 RPM — 5.7L EGR/TWC 25.259 — 300 @ 2800 RPM

195 @ 4000 RPM (G-Van Only) — 5.7L AIR/EGR/TWC 2.364 — 290 @ 2400 RPM

Cert Type - CA___ 49S___ 50S_X_ — Type Cert - 50K_X_ 100K___

	Section		Section
1. Authorized Representative	01.00.00.00	13. Evap Bench Test Procedure	13.00.00.00
2. Fuel, Test Equipment Procedures & Route	03,04,05	14. Gen Std, Increase in Emis Safety, Mtg All Req'ments	16.00.00.00-3
3. Warr State & Parts List	17.01.03.00	15. Prod Veh Same as Test Veh	ML-MP078
4. Maint: Cert/Req'd/Recm'd	06.02.00.00	16. Label Durability	SM-1144
5. Tune-Up Lab/Vac Hose Diag	07.00.00.00	17. Driveability	ML-MP078
6. Evap Control System	19-Evap Fam	18. Fill Pipe Specs	17.00.00.00
7. Engine Parameters	20-Eng Fam	19. Altitude A/F Req'ment	17.02.00.00
8. Fuel/Ignition Systems	20-Eng Fam	20. Cert Preview Program	Yes
9. Exhaust Control System	20-Eng Fam	21. OBD System	17.01.05.00
10. Projected Sales	ML-MP078	22. EPA Certificate	
11. Vehicle Description	20-Eng Fam	23. Two Year/24K Warranty	No

12. Test Veh Information	Dur ID	Dur MY	Emis ID	Emis MY
C/O MY or C/A	3852	1983	NA	NA
Vehicle Logs	12-Eng Fam		12-Eng Fam	
Zero Mile Books	20-Eng Fam		20-Eng Fam	
Maint Logs & Engr Eval	12-Eng Fam		12-Eng Fam	

Veh ID	Code (Displ)	Trans	Final Drive Ratio	ETW	DPA	MPG City/Hwy	Test Loc	PROJECTED EMISSIONS(1) HC	CO	NOx	Hwy NOx	50K Evap or Part(2)
CT8K092	64(5.7)	A4	3.42	5000	16.4	13.8/19.8	GM	.31	2.6	.43	.09	
CT8V151	64(5.7)	A4	3.42	6000	15.6	12.7/18.6	GM	.45	4.0	.89	.36	.91
								.50	9.0	1.0	2.0	2.0
(1) The emis data vehicle/s above comply with stds of								.60	9.0	1.5	3.0	2.0
and include deterioration factors of								1.035	1.026	1.00	1.0	0.0

(2) Evaporative DF is the average of Vehicle DF 0.00 and Bench DF 0.00

Remarks:

Application Processed by Duc Nguyen Date 010290 122989 Reviewed by M Bogdanoff Date 1/2/90

ISSUED: 10-27-89 REV. NO.:

17-M3G5.7T5TYA5-19
(1991)