

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 4<sup>th</sup> 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 C20953+E63 C20753+E63 G21005 G21305 G11305 C10703+E62 C10703+E63 G11005 C10903+E63 C10953+E63 C10753+E62 C10753+E63	A4	4750 5000  4500  4250  4500 4750		16136611/ APRH	17087201	25101903, 25101899
23A						17087194	
24	C20903+E63 C20953+E63 C20753+E63 G21005 G11005 G11305 G21305 C10703+E62 C10703+E63 C10903+E63 C10953+E63 C10753+E62 C10753+E63		4750 5000  4500  4250  4500 4750			17087201	
24A						17087194	

ISSUED: 10-27-89

REV. NO.: 001, 004, 005

17-M3G5.7T5TYA5-4  
(1991)

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: MF0-3C  
 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 K10703+E63 K10903+E63 K10953+E63 K10753+E62 K10753+E63 K20903+E63 K20953+E63 K20753+E63	A4	4750  5250  5000 5250		16136611/ APRH	17087201	25101903, 25101899
24	K10703+E62 K10703+E63 K10903+E63 K10953+E63 K10753+E62 K10753+E63 K20903+E63 K20953+E63 K20753+E63		4750  5000 5250				

ISSUED: 10-27-89

REV. NO.: 004, 005, 006

17-M3G5.7T5TYA5-5  
(1991)

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

17-M3G5.7T5TYA5-10  
(1991)

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						

(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

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

ISSUED: 10-27-89

REV. NO.: 005

17-M3G5.7T5TYA5-8  
(1991)

(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

<u>ENG</u> <u>CODE</u>	<u>VEH MODELS</u> <u>(SEE PAGE 1A)</u>	<u>TRANS</u> <u>TYPE:</u> <u>A-AUTO</u> <u>M-MAN</u>	<u>EQUIV</u> <u>TEST</u> <u>WEIGHT</u>	<u>DPA (SEE</u> <u>ATTACH I)</u>	<u>IGN SYST</u> <u>(ECU/PROM)</u> <u>PART NO.</u>	<u>EGR</u> <u>SYST</u> <u>PART NO.</u>	<u>CATALYST</u> <u>PART NO.</u>
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

17-M3G5.7T5TYA5-9  
(1991)

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/	17087194	25101901
	C10703+E63				ARJU		
	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

17-M3G5.7T5TYA5-10  
(1991)



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 1)	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

17-M3G5.7T5TYA5-11  
(1991)

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

17-M3G5.7T5TYA5-12  
(1991)

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: MF0-3C

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

17-M3G5.7T5TYA5-13 (1991)

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: MF0-3C  
 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.:

17-M3G5.7T5TYA5-14  
(1991)

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: MF0-3C

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

ISSUED: 10-27-89

REV. NO.:

17-M3G5.7T5TYA5-15  
(1991)

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: MF0-3C  
 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				

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						
	C10953+E63		4500				
	C10753+E63		4750				
	C10753+E62						
	C20903+E63						
	C20953+E63		5000				
	C20753+E63						
	66		C10703+E62				
C10703+E63							
C10903+E63							
C10953+E63		4500					
C10753+E63		4750					
C10753+E62							
C20903+E63							
C20953+E63		5000					
C20753+E63							

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 K10703+E63 K10903+E63 K10953+E63 K10753+E63 K10753+E62 K20903+E63 K20953+E63 K20753+E63	M5	4750		16136321/ ARJX	17087194	25101901
66	K10703+E62 K10703+E63 K10903+E63 K10953+E63 K10753+E63 K10753+E62 K20903+E63 K20953+E63 K20753+E63		4750				

ISSUED: 10-27-89

REV. NO.: 004, 005



ATTACHMENT I

TEST HORSEPOWER VALUES

Body Style	Test Weight Classes	50mph Road Load Hp	without.AC Coast Dyno Hp	Time	.with..AC. Coast Dyno Hp	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)							
A11	5250 Only	17.48	13.0	18.55	14.3	17.28	CD
A11	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)							
A11	5500 Only	20.41	14.0	16.70	15.4	15.59	CD
A11	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 Coast Dyno Hp	.with..AC. Coast Dyno Hp	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 Coast Dyno Hp	without.AC Coast Time	.with..AC. Coast Dyno Hp	.with..AC. Coast Time	CD, CA or FA
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\*\*\*\*\* 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 Coast Dyno Hp	Time	.with..AC. Coast Dyno Hp	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)							
A11	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.)							
A11	0-5000	25.91	19.0	12.00	20.4	11.37	CD
CHEVROLET G30 SPORTVAN (CG31306)							
GMC G35 RALLY (TG31306)							
A11	0-5500	26.03	19.4	13.13	20.8	12.45	CD

ATTACHMENT I

TEST HORSEPOWER VALUES

Body Style	Test Weight Classes	50mph Road Load Hp	without.AC Coast Dyno Hp	Time	.with..AC. Coast Dyno Hp	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 Coast Dyno Down Hp Time	.with..AC. Coast Dyno Down Hp 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 Coast Dyno Hp	without.AC Coast Down Time	.with..AC. Coast 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	A11		16.0		17.0		FA
w/(2.8L or 4.3L) V6 engine	A11		22.5		23.5		FA

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TEST HORSEPOWER VALUES

Body Style	Test Weight Classes	50mph Road Load Hp	without.AC Coast Dyno Hp	.with..AC. Coast Dyno Hp	Time	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 527 (Baja package)							
GMC SONOMA PICKUP 4WD (TT10603+E63,TT10653+E63,TT10803+E63)							
without SEO 527 (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 527 (Baja package)							
GMC SONOMA PICKUP 4WD (TT10603+E63,TT10653+E63,TT10803+E63)							
with SEO 527 (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



ATTACHMENT I

TEST HORSEPOWER VALUES

Body Style	Test Weight Classes	50mph Road Load Hp	without.AC Coast Dyno Hp	without.AC Coast Down Time	.with..AC. Coast 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

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\_\_\_

	<u>Section</u>		<u>Section</u>
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	<u>Dur ID</u>	<u>Emis ID</u>	<u>Emis MY</u>
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

(1) The emis data vehicle/s above comply with stds of and include deterioration factors of

(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. B. G. Darnoff Date 1/2/90

ISSUED: 10-27-89

REV. NO.:

17-M3G5.7T5TYA5-19  
(1991)