

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-601
Relating to Certification of New Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1993 model General Motors Corporation exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: P3G5.7X5XG59 Displacement: 5.0 Liters (305 Cubic Inches)
5.7 Liters (350 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

- Exhaust Gas Recirculation
- Three Way Catalytic Converter
- Heated Oxygen Sensor
- Throttle Body Fuel Injection

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The certification exhaust emission standards for this engine family in grams per mile are:

<u>Loaded Vehicle Weight (pounds)</u>	<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
3751-5750	50,000	0.32	4.4	1.0
	100,000	0.40	5.5	N/A

The certification exhaust emission values for this engine family in grams per mile are:

<u>Loaded Vehicle Weight (pounds)</u>	<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
3751-5750	50,000	0.24	2.0	0.5
	100,000	0.31	2.9	N/A

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

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, and with the California Inspection and Maintenance emission standards in place at the time of certification, 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 "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 regulations (Title 13, California Code of Regulations, Section 2035 et seq.).

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 10th day of June, 1992.



R. B. Summerfield
Assistant Division Chief
Mobile Source Division

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
LIGHT DUTY TRUCKS AND MEDIUM DUTY VEHICLES

Example, Pattern A: CC10703+E62
Example, Pattern B: 1UM05

Digit 1 - Marketing Division

<u>Pattern A</u>	<u>Pattern B</u>
C = Chevrolet	1 = Chevrolet
T = GMC	2 = Pontiac
H = Oldsmobile	3 = Oldsmobile

Note: Digit 1 is not used for Pattern A models on engine family pages or California Supplemental Data Sheets.

Digit 2 - Chassis Type (all)

U	= Conventional 4x2 Front Wheel Drive
C, R, S, M	= Conventional 4x2 Rear Wheel Drive
G	= Forward Control 4x2 Rear Wheel Drive
K, V, T, L	= Conventional 4x4 Four Wheel Drive, All Wheel Drive

Digit 3 - Series/GVWR

<u>Pattern A</u>	<u>Pattern B</u>
1 = 10,15,1500/3500-7300	Letter code designates trim level rather than series/GVWR.
2 = 20,25,2500/6400-8600	
3 = 30,35,3500/7100-14500	

Digits 4 & 5

<u>Pattern A - Dimensional Grouping</u>	<u>Pattern B</u>
05 = Blazer, Jimmy, Bravada	05 = Cargo (APV)
06 = S/T Short Box	06 = Passenger (Lumina APV, Trans Sport, Silhouette)
07 = C/K Short Box	
08 = S/T Long Box & Cab-Chassis	
09 = C/K Long Box, R/V Suburban, M/L Short Body	
10 = G Short Wheelbase, M/L Long Body	
13 = G Long Wheelbase	

Digits 6 & 7 - Body/Cab Codes (Pattern A Only)

03 = Conventional Cab, Cab-Chassis
05 = Cargo Van
06 = Passenger Van, 4 Door Special Purpose Vehicle
16 = 2 Door Special Purpose Vehicle
53 = Extended Cab

Pickup Body Codes (Optional, Used with Pattern A Only)

+E62 = Stepside, Fenderside
+E63 = Fleetside, Wideside
+ZW9 = Cab-Chassis

ISSUED: 02-25-92
(ML-PP203)

REVISED:

(FOR CARB USE ONLY)

E.O. #A-6-601

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: P3G5.7X5XG59

PASSENGER CARS___ LIGHT DUTY TRUCKS X MEDIUM DUTY VEHICLES___ FUEL TYPE: GAS

ENGINE CONFIG: V8 LITER (CID): 5.0 (305) EVAP FAMILY: PFO-3E

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: X

ENGINE: FRONT X MID___ REAR___ DRIVE: FWD___ RWD X 4WD-FT___ 4WD-PT___

CERT STANDARDS: HC/CO/NOx: .32/4.4/1.0 (50K) HC/CO/NOx: .40/5.5/NA (100K)

DPA & RLHP: SEE ATTACHMENT I

<u>ENG CODE</u>	<u>VEH MODELS (SEE PAGE 1)</u>	<u>TRANS TYPE:</u> A-AUTO M-MAN	<u>EQUIV TEST WEIGHT</u>	<u>IGN SYSTEM (PCME/PROM) PART NO.</u>	<u>EGR SYSTEM PART NO.</u>	<u>CATALYST PART NO.</u>
23	C10703+E62 C10703+E63 C10903+E63	A4	4250 4500	16170131/AZLX	17093111	25143153
23A				16179021/BBKW		
24	C10703+E62 C10703+E63 C10903+E63		4250 4500	16170131/AZLX		
24A				16179021/BBKW		

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(ML-PP203)

REVISED: ML-PR027, PR152

17-P3G5.7X5XG59-2
(1993)

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: P3G5.7X5XG59

PASSENGER CARS___ LIGHT DUTY TRUCKS X MEDIUM DUTY VEHICLES___ FUEL TYPE: GAS

ENGINE CONFIG: V8 LITER (CID): 5.0 (305) EVAP FAMILY: PF0-3E

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: X

ENGINE: FRONT X MID___ REAR___ DRIVE: FWD___ RWD X 4WD-FT___ 4WD-PT___

CERT STANDARDS: HC/CO/NOx: .32/4.4/1.0 (50K) HC/CO/NOx: .40/5.5/NA (100K)

DPA & RLHP: SEE ATTACHMENT I

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (PCME/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
25	C10703+E62 C10703+E63 C10903+E63	A4	4250 4500	16170141/AZLY	17093111	25143153
25A				16179031/BBKX		
26	C10703+E62 C10703+E63 C10903+E63		4250 4500	16170141/AZLY		
26A				16179031/BBKX		

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(ML-PP203)

REVISED: ML-PR027, PR152

17-P3G5.7X5XG59-3
(1993)

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: P3G5.7X5XG59

PASSENGER CARS___ LIGHT DUTY TRUCKS_X MEDIUM DUTY VEHICLES___ FUEL TYPE: GAS

ENGINE CONFIG: V8 LITER (CID): 5.7 (350) EVAP FAMILY: PFO-3E

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: X

ENGINE: FRONT_X MID___ REAR___ DRIVE: FWD___ RWD_X 4WD-FT___ 4WD-PT___

CERT STANDARDS: HC/CO/NOx: .32/4.4/1.0 (50K) HC/CO/NOx: .40/5.5/NA (100K)

DPA & RLHP: SEE ATTACHMENT I

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE:		EQUIV TEST WEIGHT	IGN SYSTEM (PCME/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
		A-AUTO	M-MAN				
61	C10703+E62 C10703+E63 C10903+E63	A4		4500 4250 4500	16170661/AZPN	17093125	25143149
61A					16179041/BBKY		
61B					16186835/BDKN		
62	C10703+E62 C10703+E63 C10903+E63				16170661/AZPN		
62A					16179041/BBKY		
62B					16186835/BDKN		

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17-P3G5.7X5XG59-4
(1993)

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: P3G5.7X5XG59

PASSENGER CARS___ LIGHT DUTY TRUCKS_X MEDIUM DUTY VEHICLES___ FUEL TYPE: GAS

ENGINE CONFIG: V8 LITER (CID): 5.7 (350) EVAP FAMILY: PFO-3E

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: X

ENGINE: FRONT_X MID___ REAR___ DRIVE: FWD___ RWD_X 4WD-FT___ 4WD-PT___

CERT STANDARDS: HC/CO/NOx: .32/4.4/1.0 (50K) HC/CO/NOx: .40/5.5/NA (100K)

DPA & RLHP: SEE ATTACHMENT I

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (PCME/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
63	C10703+E62 C10703+E63 C10903+E63	A4	4500 4250 4500	16170671/AZPP	17093125	25143149
63A				16179051/BBKZ		
63B				16186845/BDKP		
64	C10703+E62 C10703+E63 C10903+E63			16170671/AZPP		
64A				16179051/BBKZ		
64B				16186845/BDKP		

ISSUED: 02-25-92
(ML-PP203)

REVISED: ML-PR027, PR082

17-P3G5.7X5XG59-5
(1993)

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: P3G5.7X5XG59
 PASSENGER CARS___ LIGHT DUTY TRUCKS_X MEDIUM DUTY VEHICLES___ FUEL TYPE: GAS
 ENGINE CONFIG: V8 LITER (CID): 5.7 (350) EVAP FAMILY: PFO-3E
 EMISSION CONTROL SYSTEM & SPECIAL FEATURES: X
 ENGINE: FRONT_X MID___ REAR___ DRIVE: FWD___ RWD_X 4WD-FT___ 4WD-PT___
 CERT STANDARDS: HC/CO/NOx: .32/4.4/1.0 (50K) HC/CO/NOx: .40/5.5/NA (100K)
 DPA & RLHP: SEE ATTACHMENT I

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (PCME/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
65	C10703+E62 C10703+E63 C10903+E63	A4	4500 4250 4500	16170681/AZPR	17093125	25143149
65A				16179061/BBLA		
65B				16186855/BDKR		
66	C10703+E62 C10703+E63 C10903+E63			16170681/AZPR		
66A				16179061/BBLA		
66B				16186855/BDKR		

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: P3G5.7X5XG59

PASSENGER CARS___ LIGHT DUTY TRUCKS_X MEDIUM DUTY VEHICLES___ FUEL TYPE: GAS

ENGINE CONFIG: V8 LITER (CID): 5.0 (305) EVAP FAMILY: PFO-3E

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: X

ENGINE: FRONT_X MID___ REAR___ DRIVE: FWD___ RWD___ 4WD-FT___ 4WD-PT_X

CERT STANDARDS: HC/CO/NOx: .32/4.4/1.0 (50K) HC/CO/NOx: .40/5.5/NA (100K)

DPA & RLHP: SEE ATTACHMENT I

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE:		EQUIV TEST WEIGHT	IGN SYSTEM (PCME/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
		A-AUTO	M-MAN				
23	K10703+E62 K10703+E63 K10903+E63	A4		4750 5000	16170131/AZLX	17093111	25143153
23A					16179021/BBKW		
24	K10703+E62 K10703+E63 K10903+E63			4750 5000	16170131/AZLX		
24A					16179021/BBKW		

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17-P3G5.7X5XG59-7
(1993)

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: P3G5.7X5XG59
 PASSENGER CARS___ LIGHT DUTY TRUCKS_X MEDIUM DUTY VEHICLES___ FUEL TYPE: GAS
 ENGINE CONFIG: V8 LITER (CID): 5.0 (305) EVAP FAMILY: PFO-3E
 EMISSION CONTROL SYSTEM & SPECIAL FEATURES: X
 ENGINE: FRONT_X MID___ REAR___ DRIVE: FWD___ RWD___ 4WD-FT___ 4WD-PT_X
 CERT STANDARDS: HC/CO/NOx: .32/4.4/1.0 (50K) HC/CO/NOx: .40/5.5/NA (100K)
 DPA & RLHP: SEE ATTACHMENT I

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (PCME/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
25	K10703+E62 K10703+E63 K10903+E63	A4	4750 5000	16170141/AZLY	17093111	25143153
25A				16179031/BBKX		
26	K10703+E62 K10703+E63 K10903+E63		4750 5000	16170141/AZLY		
26A				16179031/BBKX		

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(ML-PP203)

REVISED: ML-PR027, PR152

17-P3G5.7X5XG59-8
(1993)

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: P3G5.7X5XG59

PASSENGER CARS___ LIGHT DUTY TRUCKS_X MEDIUM DUTY VEHICLES___ FUEL TYPE: GAS

ENGINE CONFIG: V8 LITER (CID): 5.7 (350) EVAP FAMILY: PFO-3E

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: X

ENGINE: FRONT_X MID___ REAR___ DRIVE: FWD___ RWD___ 4WD-FT___ 4WD-PT_X

CERT STANDARDS: HC/CO/NOx: .32/4.4/1.0 (50K) HC/CO/NOx: .40/5.5/NA (100K)

DPA & RLHP: SEE ATTACHMENT I

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (PCME/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
61	K10703+E62 K10703+E63 K10903+E63	A4	5000 4750 5000	16170661/AZPN	17093125	25143149
61A				16179041/BBKY		
61B				16186835/BDKN		
62	K10703+E62 K10703+E63 K10903+E63		4750 5000	16170661/AZPN		
62A				16179041/BBKY		
62B				16186835/BDKN		

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(ML-PP203)

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17-P3G5.7X5XG59-9
(1993)

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: P3G5.7X5XG59

PASSENGER CARS___ LIGHT DUTY TRUCKS_X MEDIUM DUTY VEHICLES___ FUEL TYPE: GAS

ENGINE CONFIG: V8 LITER (CID): 5.7 (350) EVAP FAMILY: PFO-3E

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: X

ENGINE: FRONT_X MID___ REAR___ DRIVE: FWD___ RWD___ 4WD-FT___ 4WD-PT_X

CERT STANDARDS: HC/CO/NOx: .32/4.4/1.0 (50K) HC/CO/NOx: .40/5.5/NA (100K)

DPA & RLHP: SEE ATTACHMENT I

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (PCME/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
63	K10703+E62 K10703+E63 K10903+E63	A4	5000 4750 5000	16170671/AZPP	17093125	25143149
63A				16179051/BBKZ		
63B				16186845/BDKP		
64	K10703+E62 K10703+E63 K10903+E63		4750 5000	16170671/AZPP		
64A				16179051/BBKZ		
64B				16186845/BDKP		

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17-P3G5.7X5XG59-10
(1993)