State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-585
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 passenger cars:

Fuel Type: Gasoline

Engine Family: P1G5.7W5XEA9 Displacement: 5.0 Liters (305 Cubic Inches)
5.7 Liters (350 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Secondary Air Injection
Exhaust Gas Recirculation
Three Way Catalytic Converter
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:

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
50,000	0.39	7.0	0.4

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

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
50,000	0.20	2.5	0.3

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying to the 50,000-mile non-methane hydrocarbons and carbon monoxide standards based on its projected total sales of 1993 model California-certified passenger cars and light-duty trucks.

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

(FOR CARB USE ONLY)

E.O. #A-6-585

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
GASOLINE-FUELED PASSENGER CARS

VEHICLE MODELS: 1 J C 3 7 (EXAMPLE)

Digit 1 - Selling Division

1 - Chevrolet
2 - Pontiac
3 - Oldsmobile
4 - Buick
6 - Cadillac
8 - Saturn

Digit 2 - Body Designation

A - 6000, Cutlass Ciera, Cutlass Cruiser, Century
B - Caprice, Custom Cruiser, Roadmaster Wagon, Coachbuilder Wagon, Roadmaster
C - Ninety-Eight, Touring, Park Avenue, DeVille, Fleetwood, Commercial Chassis
D - Brougham
E - Toronado, Riviera, Eldorado, Trofeo
F - Camaro, Firebird, Trans Am
H - Bonneville, Eighty-Eight, LeSabre
J - Cavalier, Sunbird
K - Seville
L - Corsica, Beretta
N - Grand Am, Achieva, Skylark
T - Lemans
V - Allante
W - Grand Prix, Regal, Cutlass Supreme, Lumina
Y - Corvette
Z - Saturn Coupe/Sedan

Digit 3 - Trim Level

B, C, D, E, F, G, H, J, K, M, N, L, P, R, S, T, U, V, W, X, Y, Z

Digits 4 & 5 - Body Style

07 - 2Dr Sport Coupe
08 - 2Dr Hatchback Coupe
19 - 4Dr Sedan
27 - 2Dr (Notchback Coupe)
35 - 4Dr Station Wagon
37 - 2Dr Hardtop Coupe
47 - 2Dr Hardtop Coupe
57 - 2Dr Hardtop Coupe
67 - 2Dr Convertible Coupe
68 - 4Dr Hatchback Sedan
69 - 4Dr (Notchback) Sedan
87 - 2Dr Hatchback Coupe
90 - Commericial Chassis
97 - 2Dr Hardtop Coupe

ISSUED: 04-07-92 REVISED:
(ML-PP259)

17-P1G5.7W5XEA9-1
(1993)

(FOR CARB USE ONLY)

E.O. #A-6-585

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: P1G5.7W5XEA9

PASSENGER CARS X LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___ FUEL TYPE: GAS

ENGINE CONFIG: V8 LITER (CID): 5.0 (305) EVAP FAMILY: PBO-1A

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: AIR-EGR-TWC-O2S-TBI

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

CERT STANDARDS: NMHC/CO/NOx: .39/7.0/0.4 (50K)

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.
51	1BL19 1BN19	A4	4250	16165951/AYMK	17090156	25128067
56	1BL35 4BB90 4BR35 1BB90		4750	16165941/AYMJ		

ISSUED: 04-07-92 REVISED: ML-PR016
(ML-PP259)

17-P1G5.7W5XEA9-2
(1993)

(FOR CARB USE ONLY)

E.O. #A-6-585

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: P1G5.7W5XEA9

PASSENGER CARS X LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___ FUEL TYPE: GAS

ENGINE CONFIG: V8 LITER (CID): 5.7 (350) EVAP FAMILY: PBO-1A

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: AIR-EGR-TWC-O2S-TBI

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

CERT STANDARDS: NMHC/CO/NOx: .39/7.0/0.4 (50K)

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.
66	6DW69	A4	4750	16155671/AWJN	17090149, 17087241	25128067
66A				16182951/BCMH		
66B				16184261/BCWC		
67				16155681/AWJP		
67A				16182961/BCMJ		
67B				16184271/BCXA		
68	6DW69+V4U 6DW69+B9Q		6000*1 5500*2	16161421/AXMM		
68B				16184291/BCXC		
70	1BL35 4BB90 4BB90+B9Q 4BR35 1BB90 4BT69 4BN69 1BL19 1BN19		4750 4500	16177861/BBBX		

*1 For use by secondary manufacturers only. Also certified at ETW's less than 6000.
*2 For use by secondary manufacturers only. Also certified at ETW's less than 5500.

ISSUED: 04-07-92 (ML-PP259) REVISED: ML-PR016, PR036, PR052, PR062, PR100

(FOR CARB USE ONLY)

E.O. #A-6-585

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: P1G5.7W5XEA9

PASSENGER CARS X LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___ FUEL TYPE: GAS

ENGINE CONFIG: V8 LITER (CID): 5.7 (350) EVAP FAMILY: PBO-1A

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: AIR-EGR-TWC-O2S-TBI

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

CERT STANDARDS: NMHC/CO/NOx: .39/7.0/0.4 (50K)

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.
66C	6DW69	A4	4750	16193771/BFYY	17090149, 17087241	25128067
67C				16193781/BFYZ		
68C	6DW69+V4U 6DW69+B9Q		6000*1 5500*2	16193801/BFZB		

*1 For use by secondary manufacturers only. Also certified at ETW's less than 6000.
*2 For use by secondary manufacturers only. Also certified at ETW's less than 5500.

ISSUED: 03-01-93 REVISED:
(ML-PR140)

(FOR CARB USE ONLY)

E.O. #A-6-585

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: P1G5.7W5XEA9

PASSENGER CARS X LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___ FUEL TYPE: GAS

ENGINE CONFIG: V8 LITER (CID): 5.7 (350) EVAP FAMILY: PBO-1A

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: AIR-EGR-TWC-02S-TBI

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

CERT STANDARDS: NMHC/CO/NOx: .39/7.0/0.4 (50K)

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.
70A	4BT69	A4	4500	16195141/BHHR	17090149, 17087241	25128067
	4BN69					
	1BL19					
	1BN19					
	1BL35		4750			
	4BR35					

ISSUED: 03-10-93 (ML-PR143) REVISED: ML-PR146