State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-493-A
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 1990 model-year General Motors Corporation exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks:

Engine Family: L3G2.5T5TEG1 Displacement: 2.5 Liters (151 Inches^3)

Equipped With the Following Exhaust Emission Control Systems:

Exhaust Gas Recirculation
Oxygen Sensor
Three-way Catalyst
Throttle Body Electronic Fuel Injection
On-Board Diagnostics (Exempted)

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

The following are the emission standards for this engine family:

Loaded Vehicle Weight(lbs.)	Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0-3750	0.39	9.0	0.4

The following are the certification emission values for this engine family:

Loaded Vehicle Weight(lbs.)	Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0-3750	0.24	3.6	0.4

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

BE IT FURTHER RESOLVED: That the vehicle models listed have been granted an exemption from compliance 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 of California Health and Safety Code Section 43205.

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

This Executive Order rescinds Executive Order P-6-35 issued on March 3, 1989.

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

Executed at El Monte, California this 21st day of July, 1989.

K. D. Drachand, Chief
Mobile Source Division

Karl Sime
6 pgs.

(FOR CARB USE ONLY)

E.O. # A-6-493-A

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

VEHICLE MODELS: C C 1 0 7 0 3 + E 6 3 (EXAMPLE)

Digit 1
Selling Division*

C-Chevrolet
T-GMC Truck

Digit 2
Chassis Type

C, M, R, S-Conventional 4x2
G-Forward Control 4x2 (Body Frame Integral)
K, T, V-Conventional 4x4

Digit 3
Series/GVWR Range

1-3500 to 7300 lbs
2-6400 to 8600 lbs
3-7100 to 14500 lbs

Digits 4 & 5
CA Dimension/Model Type

05-Blazer, Jimmy
06-S10/15
07-42"/Pickup, Chassis-Cab
09-56"/Suburban, Chassis-Cab, Pickup, Astro, Safari
10-60" Chevy Van/Vandura, Sportvan/Rally, Chassis-Cab
13-Chevy Van/Vandura, Sportvan/Rally

Digits 6 & 7
Cab or Body Style

03-Conventional Cab (S-T, C-K Models)
05-Chevy Van/Vandura & Astro/Safari (Cargo)
06-Suburban/Sportvan/Rally & Astro/Safari (Passenger)
16-Blazer/Jimmy
53-Extended Cab (S-T, C-K Models)

Digits 8, 9 & 10
Body Ordering Code

E62-Stepside/Fenderside Pickup
E63-Fleetside/Wideside Pickup
ZW9-Base Body

VEHICLE MODELS: 1 U M 0 6 (EXAMPLE)

Digit 1 Selling Division	Digit 2 Body Designation	Digit 3 Trim Level	Digits 4 and 5 Body Style
1-Chevrolet 2-Pontiac	U-Lumina APV, Trans Sport	H, M, S	06-Van

* Digit 1 is not shown on subsequent pages. All vehicle models listed are sold by Chevrolet (C) and GMC Truck (T).

ISSUED: 002 REV. NO.: 003

17-L3G2.5T5IEG1-1
(1990)

(FOR CARB USE ONLY)

E.O. # A-6-493-A

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: L3G2.5T5TEG1

PASSENGER CARS___ LIGHT DUTY TRUCKS_X_ MEDIUM DUTY VEHICLES___ GAS_X_ DIESEL___

ENGINE TYPE: I4 LITER (CID): 2.5 (151) EVAP FAMILY: LBO-3A

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

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

CERTIFICATION STANDARDS: 0.39 NMHC, 9.0 CO, 0.4 NOx DPA: SEE ATTACHMENT I

ENG CODE	VEH MODELS (SEE PAGE 1A)	TYPE A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECU/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.	TLC*
5A	S10603+E63 S10653+E63 S10803+E63	M5	3000 3125	16141781/ ASWY	17088114	25104939	FPR
6A	S10603+E63 S10653+E63 S10803+E63		3000 3125				
7A	S10603+E63 S10653+E63 S10803+E63		3000 3125	16141791/ ASWZ			
8A	S10603+E63 S10653+E63 S10803+E63		3000 3125				

* Tune-up label codes are found in upper left hand corner of tune-up label. Vehicles with this label conform to 0.39 g/mi NMHC, 9.0 g/mi CO and 0.4 g/mi NOx.

ISSUED: 002 REV. NO.: 003