State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-487
Relating to Certification of New Heavy-Duty Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43835 of the Health and Safety Code; and

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

IT IS ORDERED AND RESOLVED: That 1989 model-year General Motors Corporation motor vehicles which have a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds are certified using the gasoline engines listed below:

Engine Manufacturer	Engine Family	Displacement Liters (Cubic Inches)	Engine Model Year and Certification Executive Order No.	
General Motors	LGM04.3BLA3	4.3 (262)	1990	A-6-481
General Motors	LGM07.4BLA3	6.0 (366)	1990	A-6-481

Vehicle models are listed on attachments.

The following are the certification emission standards for these engine families:

Hydrocarbons gm/bhp-hr	Carbon Monoxide gm/bhp-hr	Nitrogen Oxides gm/bhp-hr
1.9	37.1	6.0

The following are the certification emission values for these engine families:

Engine Family	Hydrocarbons gm/bhp-hr	Carbon Monoxide gm/bhp-hr	Nitrogen Oxides gm/bhp-hr
LGM04.3BLA3	0.5	8.5	4.1
LGM07.4BLA3	0.8	12.9	4.4

BE IT FURTHER RESOLVED: That 1989 model-year vehicle models listed on the attached sheet 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 Administrative Code, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036 and California Health and Safety Code, Section 43205.5).

Engines certified under the Executive Order must conform to all applicable California emission regulations.

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

Executed at El Monte, California this 22nd day of March, 1989.

K. D. Drachand, Chief
Mobile Source Division

(FOR CARB USE ONLY)

(1989)

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

HEAVY DUTY GASOLINE VEHICLES

(EVAPORATIVE)

Manufacturer: General Motors Corporation

Executive Order No.: A-6- 487

Engine Families: LGM04.3BLA3

Vehicle Models (Series) — Engine CID Values Appear Below

Forward Control - G Models
- Hi-Cube Van/Magnavan - G30
- Cutaway Van/Vandura Spl - G30
- Van/Vandura - G30
- Sportvan/Rally Wagon - G30

Forward Control - P Models
- Forward Control Chassis - P20
- Step-Van/Value Van - P20
- Forward Control Chassis - P30
- Motor Home Chassis - P30
- Step-Van/Value Van - P30

Conventional Cab & Chassis
- C5D042
- C6D042366
- C7D042, C7D064

School Bus
- B6P042
- S7T042

Forward Control Chassis
- P4T042
- P6T042

262

Pickup
- CK20CC
- R20
- CKRV30

Suburban
- R20

ISSUED: 002 REV. NO.:

(FOR CARB USE ONLY)

(1989)

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

HEAVY DUTY GASOLINE VEHICLES

(EVAPORATIVE)

Manufacturer: General Motors Corporation

Executive Order No.: A-6-487

Engine Families: LGM07.4BLA3

Vehicle Models (Series)	Engine CID Values Appear Below
Forward Control - G Models	
Hi-Cube Van/Magnavan - G30	
Cutaway Van/Vandura Spl - G30	
Van/Vandura - G30	
Sportvan/Rally Wagon - G30	
Forward Control - P Models	
Forward Control Chassis - P20	
Step-Van/Value Van - P20	
Forward Control Chassis - P30	
Motor Home Chassis - P30	
Step-Van/Value Van - P30	
Conventional Cab & Chassis	
C5D042	366
C6D042366	366
C7D042, C7D064	366
School Bus	
B6P042	366
S7T042	366
Forward Control Chassis	
P4T042	
P6T042	366
Pickup	
CK20CC	
R20	
CKRV30	
Suburban	
R20	

ISSUED: 001 REV. NO.:

L7.9L