State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-486
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 1990 model-year General Motors Corporation motor vehicles which have a manufacturer's gross vehicle weight rating (GVWR) of 8501 to 14,000 pounds are certified using the gasoline engine listed below:

Engine Manufacturer	Engine Family	Displacement Liters	(Cubic inches)	Engine Model Year and Certification Executive Order No.	
General Motors	LGM04.8ABA7	4.8	(292)	1990	A-6-483

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

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

The manufacturer has elected to certify those engines used in motor vehicles of 8,501 to 14,000 pounds GVWR to emission standards for engines used in motor vehicles over 14,000 pounds GVWR in accordance with 40 CFR 86.088-10(a)(3)(1). The manufacturer will use Tune-Up Label statements in accordance with California Motor Vehicles Tune-Up Label Specifications and will submit final California sales figures within 60 days after end of production.

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

Engine Family	Hydrocarbons gm/bhp-hr	Carbon Monoxide gm/bhp-hr	Nitrogen Oxides gm/bhp-hr
LGM04.8ABA7	0.4	12.8	4.7

BE IT FURTHER RESOLVED: That 1990 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 Code of Regulations, 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 Code of Regulations, 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.

BE IT FURTHER RESOLVED: That if the manufacturer exceeds the 5% limit stipulated in 40 CFR 86.088-10(a)(3)(1), penalties as specified in California Health and Safety Code Section 43154 shall apply.

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

Executed at El Monte, California this 15th day of February, 1989.

K. D. Drachand, Chief
Mobile Source Division

(FOR CARB USE ONLY)

(1990)

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

HEAVY DUTY GASOLINE VEHICLES

(EVAPORATIVE)

Manufacturer: General Motors Corporation

Executive Order No.: A-6-486

Engine Families:	LGM04.8ABA7	~~LGM06.0ACA8~~	~~LGM07.4BLA3~~
Vehicle Models (Series)	Engine CID Values Appear Below		
~~Forward Control - G Models~~			
~~Hi-Cube Van/Magnavan G30~~			~~454~~
~~Cutaway Van/Vandura Spl - G30~~			454
~~Van/Vandura - G30~~			~~454~~
~~SportVan/Rally Wagon - G30~~			454
~~Forward Control - P Models~~			
~~Forward Control Chassis P20~~			
~~Step Van/Value Van - P20~~			
~~Forward Control Chassis P30~~			~~454~~
~~Motor Home Chassis P30~~			~~454~~
~~Step Van/Value Van P30~~			~~454~~
~~Conventional Cab & Chassis~~			
~~C5D042~~			366
~~C6D042~~		~~366~~	~~366~~
~~C7D042, C7D064~~		~~366~~	366, ~~427~~
~~School Bus~~			
~~B6P042~~		~~366~~	~~366~~
~~S7T042~~		~~366~~	~~366~~
Forward Control Chassis			
P4T042	292		
~~P6T042~~		~~366~~	~~366~~
~~Pickup~~			
~~C1500C~~			~~454~~
~~P20~~			~~454~~
~~G30~~			454
~~Suburban~~			
~~P20~~			~~454~~

ISSUED: 12-12-88 REV. NO.: