State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-419
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 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1988 model-year General Motors Corporation motor vehicles which have a manufacturer's gross vehicle weight rating (GVWR) of 8501 to 14,000 pounds and 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.	
GM	JGM04.8ABA9	4.8 (292)	1988	A-6-417
			1988	A-6-418
GM	JGM05.7AGAX	5.7 (350)	1988	A-6-417
			1988	A-6-418
GM	JGM07.4AGAX	7.4/7.0/6.0 (454/427/366)	1988	A-6-417
			1988	A-6-418

The following are 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 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)(i) and will use Tune-Up Label statements in accordance with California Motor Vehicle Tune-Up Label Specifications last amended, April 25, 1986 Section 3.(b)xii(2) and will submit final California sales figures within 60 days after the end of production.

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

Engine Family/GVWR	Hydrocarbons gm/bhp-hr	Carbon Monoxide gm/bhp-hr	Nitrogen Oxides gm/bhp-hr
JGM04.8ABA9/8,501 to 14,000 lbs. and over 14,000 lbs.	0.8	18.2	5.4
JGM05.7AGAX/8,501 to 14,000 lbs. and over 14,000 lbs.	0.9	25.3	4.6
JGM07.4AGAX/8,501 to 14,000 lbs. and over 14,000 lbs.	1.2	28.4	5.3

BE IT FURTHER RESOLVED: That 1988 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).

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

BE IT FURTHER RESOLVED: That if the manufacture exceeds the 5% limit stipulated in 40 CFR 86.088-10(a)(3)(i), 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 1st day of August, 1987.

K. D. Drachand, Chief
Mobile Source Division

1988 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

(EVAPORATIVE)

Manufacturer General Motors Corporation

Executive Order No. A-6-419

Heavy Duty Gasoline Powered Vehicles

Vehicle Models (Series)	Engine Families JGM04.8ABA9	JGM05.7AGAX	JGM07.4AGAX
	Engine CID Values Appear Below		
Forward Control - G Models			
Hi-Cube Van/Magnavan - G30		350	
Cutaway Van/Vandura Spl - G30		350	
Van/Vandura - G30		350	
Sportvan/Rally Wagon - G30		350	
Forward Control - P Models			
Forward Control Chassis - P20		350	
Step-Van/Value Van - P20		350	
Forward Control Chassis - P30		350	
Motor Home Chassis - P30			454
Step-Van/Value Van - P30		350	
Conventional Cab & Chassis			
C5D042		350	
C6D042		350	366
C7D042, C7D064			366, 427
School Bus			
B6P042		350	366
S7T042			366
Forward Control Chassis			
P4T042	292		
P6T042		350	366, 427

ISSUED: 07-10-87 REV. NO.:

0410U