State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-485
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 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-6-482
General Motors	LGM05.7BLA3	5.7	(350)	1990	A-6-482
General Motors	LGM07.4BLA3	7.4	(454)	1990	A-6-482

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
1.1	14.4	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
LGM05.7BLA3	0.4	6.3	3.0
LGM07.4BLA3	0.4	10.4	4.4

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.

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-6-485

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~~			
~~C6D042~~			~~305~~
~~C6D042~~		~~360~~	~~350~~
~~C7P040, C8P064~~		~~266~~	~~350, 427~~
~~School Bus~~			
~~B6P042~~		~~305~~	~~305~~
~~B7T042~~		~~266~~	~~305~~
~~Forward Control Chassis~~			
~~P4T042~~	~~292~~		
~~P6T042~~		~~266~~	~~305~~
Pickup			
CK20CC			454
R20			454
CKRV30			454
Suburban			
R20			454

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

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(1990)

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

HEAVY DUTY GASOLINE VEHICLES

(EVAPORATIVE)

Manufacturer: General Motors Corporation Executive Order No.: A-6- 485

Engine Families:		LGM04.3BLA3	LGM05.7BLA3
Vehicle Models (Series)		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		
Step-Van/Value Van	- P20		
Forward Control Chassis	- P30	262	350
Motor Home Chassis	- P30		
Step-Van/Value Van	- P30	262	350
Suburban			
RV20			350
Pickup			
CK20/30		262	350
RV20/30			350
Forward Control Chassis			
P4T042		262	

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