

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-384  
Relating to Certification of New Motor Vehicle Heavy-Duty Engines

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 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 Order G-45-3;

IT IS ORDERED AND RESOLVED: That the following General Motors Corporation 1987 model-year heavy-duty diesel engines have shown compliance with the transient test procedure and standards and are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating greater than 8500 pounds:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
HGMO6.2DAB9	379 (6.2)	Engine Modification (Diesel Injection-Prechamber)

Engine models and codes are listed on attachments.

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

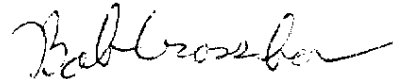
<u>Engine Family</u>	<u>Hydrocarbons gm/bhp-hr</u>	<u>Carbon Monoxide gm/bhp-hr</u>	<u>Nitrogen Oxides gm/bhp-hr</u>
HGMO6.2DAB9	0.6	3.0	3.8

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).

Engines certified under this 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 13th day of August, 1986.

  
K. D. Drachand, Chief  
Mobile Source Division

17-HGM06.2DAB9-1A

(For CARB Use Only)

(1987)

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

HEAVY-DUTY DIESEL ENGINES

Manufacturer: General Motors Corporation

Executive Order No.:

Engine Family: HGM06.2DAB9

Exhaust Emission Control System: EM, DIP

Liter (CID): 6.2 (379)

ENG. MODEL	FUEL INJECTION PUMP MFR PART NO.	INJECTOR MFR PART NO.	MAXIMUM RATED HP AT RPM	FUEL RATE mm <sup>3</sup> /STROKE (LBS/HR)	MAXIMUM RATED TORQUE AT RPM	FUEL RATE mm <sup>3</sup> /STROKE (LBS/HR)
V8-6.2 (1)	Stanadyne 23500346 or 23500410	Bosch 14061511 (CKP 20,30 Models)	155@3600	48.5 (78.7)	255@2400	52.0 (55.3)
V8-6.2 (2)	Stanadyne 23500407	Bosch 14045223 (G30 Models)	150@3600	46.5 (75.5)	250@2000	50.0 (45.0)
V8-6.2 (3)	Stanadyne 23500408	Bosch 14061511 (CKP 20,30 Models)	145@3600	45.5 (74.0)	235@2000	48.5 (43.5)
V8-6.2 (4)	Stanadyne 23500409	Bosch 14045223 (G30 Models)	140@3600	43.5 (70.5)	235@2000	45.0 (40.5)

ISSUED: 07-28-86

REV. NO.:

0120S