State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-522
Relating to Certification of New Heavy-Duty Motor Vehicle 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 1991 model-year diesel engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 8,500 pounds:

Engine Family	Displacement Liters (Cubic Inches)		Exhaust Emission Control Systems (Special Features)
MGM06.2DAB2	6.2	(379)	Indirect Diesel Injection

Engine models and codes are listed on attachments.

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	Particulates gm/bhp-hr
1.3	15.5	5.0	0.25

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	Particulates gm/bhp-hr
MGM06.2DAB2	0.2	1.8	3.8	0.24

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 provisions (Health and Safety Code Section 43205.5).

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 and attachments.

Executed at El Monte, California this 5th day of June, 1990.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

17-MGM06.2DAB2-1

(FOR CARB USE ONLY)

(1991)

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

HEAVY-DUTY DIESEL ENGINES

MANUFACTURER: GENERAL MOTORS CORPORATION EXECUTIVE ORDER NO.: A-6-522

ENGINE FAMILY: MGM06.2DAB2 LITER (CI): 6.2L (379) ENGINE TYPE: V8

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: IDI

ENG MODEL (ENG CODE)	FUEL INJECTION PUMP MFR PART NO.	INJECTOR MFR PART NO.	MAXIMUM RATED HP AT RPM	FUEL RATE MM3/STROKE (LBS/HR)	PART./TRAP CATALYST MFR PART NO.
6.2L (1)	10183951 10183952*	GENERAL MOTORS 10163737	165 @ 3500	50.5 (78.4)	NA
6.2L (2)	10183953*	GENERAL MOTORS 10163737	155 @ 3500	45.5 (70.6)	NA

(1) Artic, 1.2 centistoke

(2) High altitude

ISSUED: 05-01-90 REV. NO.: