State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-390
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:

Engine Family	Displacement Cubic Inches	(Liters)	Exhaust Emission Control Systems (Special Features)
HGM0736FWH8	736	(12.1)	Throttle Delay (Diesel Injection - Direct) (Turbocharger) (Intercooler)

Engine models and codes are listed on attachments.

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
HGM0736FWH8	0.5	2.3	4.8

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 30th day of September, 1986.

K. D. Drachand, Chief
Mobile Source Division

17-HGM0736FWH8-10A

(For CARB Use Only)

(1987)

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

HEAVY-DUTY DIESEL ENGINES

Manufacturer: General Motors Corporation

Executive Order No.: A-6-390

Engine Family: HGM0736FWH8

Liter (CID): 12.1 (736)

Exhaust Emission Control System: Throttle Delay or Fuel Modulator,(IC),(~~MFI~~),(DID),(TC)

ENG MODEL	FUEL INJECTION PUMP MFR PART NO.	INJECTOR MFR PART NO.	MAXIMUM RATED HP AT RPM	FUEL RATE mm3/STROKE (LBS/HR)	MAXIMUM RATED TORQUE AT RPM	FUEL RATE mm3/STROKE (LBS/HR)
8V-92TA	NA	9F90 GMC 5226090	450@2100	91.5 (170.4)	1250@1300	101.0 (116.4)
		9F90CP GMC 5226090	400@2100	78.2 (124.8)	1250@1300	101.0 (116.4)
		7G75 GMC 5229905	350@1800	83.8 (133.8)	1175@1200	92.1 (98.0)

ISSUED: 001

REV. NO.:

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