

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-357  
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 1986 model-year diesel engines have shown compliance with the optional 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>
GGMO736FWH9	736 (12.1)	Throttle Delay (Diesel Injection - Direct) (Turbocharger) (Aftercooler)

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>
GGMO736FWH9	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 23<sup>rd</sup> day of December, 1985.

  
K. D. Drachand, Chief  
Mobile Source Division

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
HEAVY-DUTY DIESEL ENGINES

Manufacturer GENERAL MOTORS CORPORATION

Engine Family GGM0736FWH9 CID (Liter)-Type 736 (12.1) - V8

ECS (Special Features) Throttle Delay or Fuel Modulator, Aftercooler, MFI (DID), TC

Engine Model (Engine Code)	Fuel Injection Pump Mfr.  Part Number	Injector Mfr.  Part Number	Maximum Rated HP and RPM	Fuel Rate at Maximum HP mm <sup>3</sup> /stroke	Label Ident.
8V-92TA	NA	9F90 GMC 5226090	450 @ 2100	91.5	23501000
		9F90 (CP) GMC 5226090	400 @ 2100	78.2	
		7G75 GMC 5229905	350 @ 1800	83.8	

ISSUED: 11-22-85

REVISED:

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