State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-329
Relating to Certification of New 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 1985 model-year diesel engines have shown compliance with the optional transient 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)
FGM0736FWHX	736	(12.1)	Aftercooler Throttle Delay (Turbocharged) (Diesel Injection - Direct)

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
FGM0736FWHX	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 22nd day of December, 1984.

Bob Gross for

K. D. Drachand, Chief
Mobile Source Division

E. O. #A-6-329

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL ENGINES

Manufacturer GENERAL MOTORS CORPORATION

Engine Family FGM0736FWHX 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^3/stroke	Label Ident.
8V-92TA	NA	9F85 GMC 5226085	425 @ 2100	86.0	8927211
		9F90 GMC 5226090	450 @ 2100	91.5	
		9F90 CP GMC 5226090	335 @ 1800 Min.	78.2	
		7G75 GMC 5229905	355 @ 1800	84.4	

ISSUED: 12-04-84 REVISED:

0701P/17P