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State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-264
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 1983 model-year diesel engines 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)
DGM0552FWG4	552	(9.0)	Aftercooler Throttle Delay (Turbocharged)
DGM0736FWH1	736	(12.1)	Aftercooler Throttle Delay (Turbocharged)

Engine Models and Codes as listed on attachments.

Section 43200, Part 5, Division 26 of the California Health and Safety Code requires that the engine manufacturer furnish a decal with each engine sold or delivered to a vehicle manufacturer. The decal shall display the applicable model year heavy-duty engine exhaust emission standards and the following certification emission values:

Engine Family	Hydrocarbons gm/bhp-hr	Carbon Monoxide gm/bhp-hr	Hydrocarbons + Nitrogen Oxides gm/bhp-hr
DGM0552FWG4	0.7	3	6.0
DGM0736FWH1	0.5	3	6.0

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 and attachment.

Executed at El Monte, California this 2nd day of December, 1982.

K. D. Drachand, Chief
Mobile Source Control Division

E. O. #A-6-264

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL ENGINES

Manufacturer GENERAL MOTORS CORPORATION Page 1

Engine Family DGMO552FWG4 CID (Liter)-Type 552 (9.0) - V6

ECS (Special Features) Throttle Delay or Fuel Modulator & Aftercooler (Turbocharged)

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.
6V-92TA	NA	7G65/7S65 GMC 5229895/5226170	232@2100	71.7	TBD
		7G70/7S70 GMC 5229900/5226155	253@2100	77.1	
		7G75/7S75 GMC 5229900/5226145	271@2100	81.9	
		9E65/9S65 GMC 5229970/5226165	240@2100	71.9	
		9E70/9S70 GMC 5229975/5226135	260@2100	76.6	
		9F80 GMC 5226080	288@2100	82.1	
		9F85 GMC 5226085	306@2100	87.1	
		9F90 GMC 5226090	325@2100	92.1	
		9F90 GMC 5226090 Constant Power	240@1800 min.	76.8	

Date of Issue: 11-15-82 Rev.: 02-03-83; Added fuel modulator option to 9F80, 9F85, 9F90, and 9F90 CP injectors.

02-18-83; Added optional injectors to 7G65, 7G70, 7G75, 9E65, and 9E70 injectors (7S65, 7S70, 7S75, 9S65, and 9S70, respectively).

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1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL ENGINES

Manufacturer GENERAL MOTORS CORPORATION Page 2

Engine Family DGMO736FWH1 CID (Liter)-Type 736 (12.1) - V8

ECS (Special Features) Throttle Delay or Fuel Modulator & Aftercooler (Turbocharged)

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	7G75 GMC 5229905	355@1800	83.~~8~~3	8924743
		9F80 GMC 5226080	400@2100	82.5	
		9F85 GMC 5226085	425@2100	87.5	
		9F90 GMC 5226090	440@2100	92.5	
		9F90 GMC 5226090	335@1800 min.	83.3	

Date of Issue: 11-15-82 Rev.:

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