State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-234 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 1982 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	Displac	ement	Exhaust Emission Control Systems
	Cubic Inche	s (Liters)	(Special Features)
CGM06.2DAB3	379	(6.2)	Engine Modification

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
CGM06.2DAB3	0.6	3	4.6

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 30^{47} day of October 1981.

K./D. Drachand, Chief Mobile Source Control Division

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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Manufacturer _	General Motors Corporation	Executive Order No.	A-6-234	_ Page
Engine Family	CGM06.2DAB3	Evaporative Family _	NA	-
		Engine CID (Liters)	379 (6.2)	-
ABBREVIATIONS				

<u>Ignition System</u> CA-Centrifugal Advance EEC-Electronic Engine Control	<u>Exhaust Emissions Control System</u> AIP-Air Injection-Pump AIV-Air Injection-Valve	Special Features CCV-Combustion Chamber Valve
EI-Electronic Ignition	CL-Closed Loop	CFI-Central Fuel
ESAC-Electronic Spark Advance Control	EGR-Exhaust Gas Recirculation EM-Engine Modification	Injection DID-Diesel
VA-Vacuum Advance VR-Vacuum Retard	OC-Oxidation Catalyst System TR-Thermal Reactor	Injection- Direct
	TWC-Three Way Catalyst System	DIP-Diesel Injection-
<u>Fuel System</u> CFI, CL, DID, DIP, EFI, MFI		Prechamber
nV_nVenturi Carburator		MFI-Mechanical

nV-nVenturi Carburetor VV-Variable Venturi MFI-Mechanical Fuel Injection TC-Turbocharged

DRIVE SYSTEM: NA (HDDE)

ISSUED: 103081.

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E.O. #A-6-234

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY DIESEL ENGINES

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Manufacturer	General Motors Co	orporation 1	iter-Type	Page 2 6.2-V8	
Engine Family	CGM06.2DAB3	c	ID-Type	379-V8	
ECS(Special Fea	tures) Engine Mo	difications	<u> </u>		
(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.
V8-6.2 (LL4)	Stanadyne 14033998 14058588	Bosch 14025556	14503600	44.0	CAH CYC

Date of Issue - 103081. Injector Mfgr corrected, 14033989, 14058588 pumps added 111981. Label CYC added by letter MH-2P060, on 012582.

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