

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-260  
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 gasoline engines 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>
DGM04.8ABA6	292 (4.8)	Air Injection - Pump
DGM05.7ABB9	350 (5.7)	Air Injection - Pump
DGM07.0ABB4	366, 427 (6.0, 7.0)	Air Injection - Pump
DGM07.4ABB9	454 (7.4)	Air Injection - Pump

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:

<u>Engine Family</u>	<u>Hydrocarbons gm/bhp-hr</u>	<u>Carbon Monoxide gm/bhp-hr</u>	<u>Hydrocarbons + Nitrogen Oxides gm/bhp-hr</u>
DGM04.8ABA6	0.1	16	5.6
DGM05.7ABB9	0.4	17	5.3
DGM07.0ABB4	0.3	18	5.6
DGM07.4ABB9	0.5	21	5.4

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).

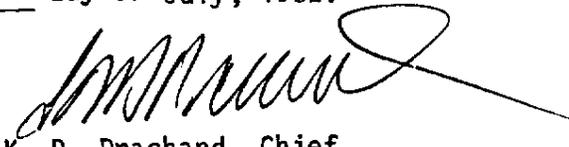
GENERAL MOTORS CORPORATION

EXECUTIVE ORDER A-6-260  
(Page 2 of 2)

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 15<sup>th</sup> day of July, 1982.

  
K. D. Drachand, Chief  
Mobile Source Control Division

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer GENERAL MOTORS CORP. Executive Order No. A-6-260 Page 1  
 Engine Family See below Evaporative Family See E.O.A-6-261  
 Engine CID (Liters) See below

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance  
 EEC-Electronic Engine Control  
 EI-Electronic Ignition  
 ESAC-Electronic Spark Advance Control  
 VA-Vacuum Advance  
 VR-Vacuum Retard

Exhaust Emissions Control System

AIP-Air Injection-Pump  
 AIV-Air Injection-Valve  
 CL-Closed Loop  
 EGR-Exhaust Gas Recirculation  
 EM-Engine Modification  
 OC-Oxidation Catalyst System  
 TR-Thermal Reactor  
 TWC-Three Way Catalyst System

Special Features

CCV-Combustion Chamber Valve  
 CFI-Central Fuel Injection  
 DID-Diesel Injection-Direct  
 DIP-Diesel Injection-Prechamber  
 MFI-Mechanical Fuel Injection  
 TC-Turbocharged

Fuel System

CFI, CL, DID, DIP, EFI, MFI  
 nV-nVenturi Carburetor  
 VV-Variable Venturi

<u>Engine Family</u>	<u>CID</u>	<u>Liters</u>	<u>Page</u>
DGM04.8ABA6	292	4.8	2
DGM05.7ABB9	350	5.7	3
DGM07.0ABB4	366	6.0	4
	427	7.0	4
DGM07.4ABB9	454	7.4	5

DRIVE SYSTEM: NA

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

Manufacturer GENERAL MOTORS CORPORATION Page 2

Engine Family DGM04.8ABA6 CID-Type 292-L6 Eng. Code

ECS (Special Features) AIP

Engine Model (Engine Code)	Ignition System EI, CA, VA	Fuel System IV	EGR Valve	Label Ident.	
	Delco Remy Distrib. Part Number	Rochester Carb. Part Number	Part Number	Part No. Code	Page No.
L25 (1) 292 CID	1110753 (CA/VA)	17081309 17081329	None	DDB	

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

Manufacturer GENERAL MOTORS CORPORATION Page 3  
 Engine Family DGM05.7ABB9 CID-Type 350-V8 Eng. Code \_\_\_\_\_  
 ECS (Special Features) AIP

Engine Model (Engine Code)	Ignition System EI, CA, VA	Fuel System	EGR Valve	Label Ident.
	Delco Remy Distrib. Part Number	Rochester Carb. Part Number	Part Number	Part No. Code      Page No.
LT9 (2) 350 CID	1103420 (CA/VA)	17080507 17080513 4V	None	*DDF DDK DDW DDX
LF5 (3) 350 CID	1103378 (CA)	17082420 17080120 2V		GAH
LF5 (5) 350 CID	1103378 (CA)	17082423 2V		GAH

- \*DDF - 3 speed automatic transmission and all manual transmissions;  
all C, K, P200/300 models available.  
 DDK - 4 speed automatic transmission only; C/K200 models.  
 DDW - 3 speed automatic transmission and all manual transmissions;  
G300 models.  
 DDX - 4 speed automatic transmission only; G300 models.

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

Manufacturer GENERAL MOTORS CORPORATION Page 4

Engine Family DGM07.0ABB4 CID-Type 366/427-V8 Eng. Code

ECS (Special Features) AIP

Engine Model (Engine Code)	Ignition System EI, CA	Fuel System	EGR Valve	Label Ident.
	Delco Remy Distrib. Part Number	Rochester Carb. Part Number	Part Number	Part No. Code Page No.
L86 (1) 366 CID	1103377 (CA)	2078344 2078345 4V	None	GAF
L43 (2) 427 CID	1103377 (CA)	2078346 2078347 4V		GAD

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

Manufacturer GENERAL MOTORS CORPORATION Page 5  
 Engine Family DGM07.4ABB9 CID-Type 454 V8 Eng. Code \_\_\_\_\_  
 ECS (Special Features) AIP

Engine Model (Engine Code)	Ignition System EI, CA, VA	Fuel System 1V	EGR Valve	Label Ident.
	Delco Remy Distrib. Part Number	Rochester Carb. Part Number	Part Number	Part No. Code Page No.
LE8 (1) 454 CID	1103376 (CA/VA)	17080512 4V	None	*DDR DDY

\*DDR - C200/300; K300 models.  
DDY - P300 models.