

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-305
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 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>
FGM05.7AGB6	350 (5.7)	Air Injection - Pump Exhaust Gas Recirculation

Engine models and codes are listed on attachments.

<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>
FGM05.7AGB6	0.4	21	3.5

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 27th day of December, 1984.


K. D. Drachand, Chief
Mobile Source Division

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

Manufacturer GENERAL MOTORS CORPORATION
 Engine Family FGM05.7AGB6 CID-Type 350-V8 Eng. Code 1,2,3
 ECS (Special Features) AIP/EGR

Engine Model (Engine Code)	Ignition System EI, CA, VA Delco Remy Distrib. Part Number	Fuel System 1V Rochester Carb. Part Number	EGR Valve Part Number	Label Ident. Part No. Code*	Page No.
LT9 (1) 350 CID	1103420 (CA/VA)	17085001 4V	17084724	ULC ULD ULF ULH ULJ	
LF5 (2) 350 CID	1103601 (CA)	17085464 2V	17084837	GBD	
LF5 (3) 350 CID	1103601 (CA)	17085465 2V	17084837	GBD	

- * ULC - 3-speed automatic transmission without torque converter clutch and all manual transmissions; C/K 200/300; P300 models.
 - ULD - All manual transmissions; P300 models
 - ULF - 4-speed automatic transmission with torque converter clutch; C/K200 models.
 - ULH - 3-speed automatic transmission without torque converter clutch; G300 models.
 - ULU - 4-speed automatic transmission with torque converter clutch; G300 models.
 - GBD - All automatic and manual transmissions.
- Engine Code 2 - PBC6 Models - Standard Governor
 Engine Code 3 - C5 Models - No Governor

Manufacturer General Motors Corporation Executive Order No. A-6-305
 Engine Family FGM05.7AGB6 Evaporative Family HD
 Engine CID (Liters) 350 (5.7)

ABBREVIATIONS

Ignition System

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

Fuel System

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

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
 EFI-Electronic Fuel Injection
 MFI-Mechanical Fuel Injection
 TC-Turbocharged

ENGINE MODELS:

LT9
 LF5

DRIVE SYSTEM: NA Engine/ NA -Wheel Drive