

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-330
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:

| <u>Engine Family</u> | <u>Displacement Cubic Inches (Liters)</u> | <u>Exhaust Emission Control Systems (Special Features)</u> |
|----------------------|---|--|
| FGM06.2DAB0 | 379 (6.2) | Engine Modification (Diesel Injection - Prechamber) |

Engine models and codes are 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>Nitrogen Oxides gm/bhp-hr</u> |
|----------------------|-----------------------------------|--|--------------------------------------|
| FGM06.2DAB0 | 0.6 | 3.6 | 3.6 |

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.

Executed at El Monte, California this 20th day of July, 1984.


K. D. Drachand, Chief
Mobile Source Division

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

Manufacturer GENERAL MOTORS CORPORATION Page 1
 Engine Family FGM06.2DAB0 CID (Liter)-Type 379 (6.2) - V8
 ECS (Special Features) EM (DIP) None

| 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 (1) | Stanadyne 23500251 or 23500277 | Bosch 14061511 (CKP 20,30 Models) | 155@3600 | 48.5 | WAD |
| V8-6.2 (2) | Stanadyne 23500252 | Bosch 14045223 (G30 Models) | 150@3600 | 46.5 | |
| V8-6.2 (3) | Stanadyne 23500253 | Bosch 14061511 (CKP 20,30 Models) | 145@3600 | 45.5 | |
| V8-6.2 (4) | Stanadyne 23500254 | Bosch 14045223 (G30 Models) | 140@3600 | 43.5 | |

Date of Issue:

Rev.:

0701P