

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-86-7
Relating to Certification of New Motor Vehicle Engines

MITSUBISHI MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 43100 and 43102 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 Mitsubishi Motors Corporation 1977 model-year diesel-powered engines in heavy-duty motor vehicles are the engine family described below:

<u>Engine Family</u>	<u>Engine Size (CID)</u>	<u>Engine Model</u>	<u>Type</u>
6DR5	243.40	6DR50A	Natural Aspiration In-line 6

Section 43200, Part 5, Division 26 of the California Health and Safety Code requires that the manufacturer affix a decal to the side window to the rear of the driver or, if there is no such window on the driver's side, to the windshield of the motor vehicle.

The decal shall display the applicable model year heavy-duty engine exhaust emission standards and the following recommended values:

<u>Engine Family</u>	<u>HC + NOx gm/bhp-hr</u>	<u>CO gm/bhp-hr</u>	<u>HC gm/bhp-hr</u>	<u>NOx gm/bhp-hr</u>
6DR5		3	0.6	4.9

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 26 day of May, 1977.


G. C. Hass, Chief
Vehicle Emissions Control Division

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY DIESEL ENGINES

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 Engine Family 6DR5 Engine (CID) 243.40

 Emission Control Systems EM Type In-Line 6, Natural Aspiration

Engine Model	Fuel Pump Mfgr. Part Number	Injector Mfg. Part Number	Maximum Rated HP and RPM	Fuel Rate at Maximum HP	Basic Initial Timing
6DR50A	Nippondenso 31761- 01040	Nippondenso 31361- 18001	103BHP @3700 RPM SAE net but with- out cooling fan.	44.5 mm ³ /stroke	Injection Timing 18° BTDC @ 0 RPM Idle Speed 550-600 RPM
Comments					
Date of Issue					

Abbreviation

Type

NA - Natural Aspiration

TC - Turbocharged

TCA- Turbocharged and Aftercooled