State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-232-17-1
Relating to Certification of New Heavy-Duty Motor Vehicle Engines

RENAULT V.I.

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 Renault V.I. 1993 model diesel engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 8,500 pounds:

Fuel Type: Diesel

Engine Family	Displacement Liters	(Cubic Inches)	Exhaust Emission Control Systems and Special Features
PRE0335FAA0	6.2	(377)	Turbocharger Charge Air Cooler Smoke Puff Limiter

Engine models and codes are listed on attachments.

The following are the certification emission standards for this engine family in grams per brake horsepower-hour:

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Particulates
1.3	15.5	5.0	0.25

The following are the certification emission values for this engine family in grams per brake horsepower-hour:

Engine Family	Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Particulates
PRE0335FAA0	0.2	2.2	4.9	0.18

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

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 attachments.

Executive Order A-232-17 signed March 2, 1993, is superseded by Executive Order A-232-17-1.

Executed at El Monte, California this 10th day of June, 1993.

Norma Kaye for

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

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1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL ENGINES

Manufacturer RENAULT VI Engine Family PRE0335FAAO

Liters (CID) 6.174 (377) Fuel Type DIESEL .2525 Engine Config. I - 6

Exhaust ECS & Special Features(ECM/PCM, PTOX, IFI, etc.) SPL, TC, CAC
(Use abbreviations per SAE J1930 MAY91)

Engine Model (Eng. Code)	Rated HP @ RPM	Fuel Rate @ Rated HP mm^3 / stroke (lbs/hr)	Fuel Pump & Injector P/N	ECM/PCM P/N	Part. Trap/ Catalyst P/N
MIDR	180	87.0	5000684386	N/A	N/A
060226L	2500	(71.0)	5000684556		
MIDR	210	100	5000684444	N/A	N/A
060226M	2350	(76.2)	5000684559		