State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-232-20

Relating to Certification of New Heavy-Duty Motor Vehicle Engines

RENAULT VEHICULES INDUSTRIELS

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 1995 model-year Renault Vehicules Industriels diesel-cycle engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds:

Fuel Type: Diesel

Engine Family	Engine Displacement Liters	(Cubic Inches)	Exhaust Emission Control Systems and Special Features
SR3377D8DAAW	6.2	(377)	Turbocharger Smoke Puff Limiter Charge Air Cooler Oxidation Catalytic Converter Engine Control Module

Engine models and codes are listed on attachments.

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

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Particulates
1.3	15.5	5.0	0.10

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

Engine Family	Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Particulates
SR3377D8DAAW	0.2	1.5	4.5	0.07

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.

Executed at El Monte, California this 8th day of December, 1994.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-232-20

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL-STANDARD ENGINES

Manufacturer RENAULT VI Engine Family SR3377D8DAAW

Displacement: 6.21 / Liters 377 / Cubic Inches

Maximum Rated Power: 190 HP @ 2500 RPM Engine Configuration: I-6

Ignition: Compression X Compression with Glow Plug ___ Spark ___

Fuel Type(s): Dedicated X Flex-Fuel ___ Dual-Fuel ___ Diesel X M100 ___ M85 ___

CNG ___ LNG ___ LPG ___ Other (specify) ___

Diesel Cert Fuel: 13 CCR 2282 ___ 40 CFR 86.1313-90 ___ 40 CFR 86.1313-94 X

Primary Intended Service Class: LHD ___ MHD X HHD ___ Urban Bus ___

Exhaust ECS (incl: MFI, TC, CAC): TC; CAC; SPL; OC; ECM

(use abbreviations per SAE J1930 SEP91)

Engine Model (Eng Code)	Rated HP @ RPM	Fuel Rate @ Rated HP mm^3 / stroke (lbs/hr)	Fuel Pump & Injector Part No.	ECM/PCM Part No.	EGR Valve Part No.	PTOX / Catalytic Converter Part No.
MIDR060226 L511	190 at 2500	87 +/- 3 (71.4)	PUMP BOSCH PES6P120A 320RS8028 REGULATOR BOSCH RQV275-1250PA1125K INJECTOR ASSEMBLY BOSCH 0432133850 NOZZLE BOSCH DLLA149P427	ELECTRONIC AUTO ADVANCE RENAULT VI 5010691980 ECM RENAULT VI 5010214430 SOFTWARE RENAULT VI 5010258153		CATALYST ENGELHARD P217350 6" MUFFLER DONALDSON DC M 100785 RENAULT VI 5010230455

Date Issued: NOV 94

Revisions: ___