## State of California AIR RESOURCES BOARD

## **EXECUTIVE ORDER A-232-21**

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	Exhaust Emission Control
	<u>Liters</u>	(Cubic Inches)	Systems and Special Features
SR3377D8DABW	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:

<u>Hydrocarbons</u>	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>	<u>Particulates</u>
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 <u>Family</u>	<u>Hydrocarbons</u>	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>	<u>Particulates</u>
SR3377D8DABW	0.1	0.8	4.7	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

day of December, 1994.

R. B. Summerfield //
Assistant Division Chief
Mobile Source Division

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

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Manufacturer	RENAULT	VI	Engi	ne Family SR	3377D8DABW	
Displacement:	6.2l	<u>/</u> Li	iters3'	77 /	Cu	bic Inches
Maximum Rated	Power: 220	HP @	2350	RPM Engine	Configura	tion: <u>I-6</u>
Innition: Com	pression X	Compi	ression with G	low Plug	•	Spark
Fuel Type(s):	Dedicated	X Flex-Fuel	Dual-Fuel_	Diesel	X M100_	M85
	CNG LN	G LPG	Other (specif	fy)		
Diesel Cert Fu	iel: 13 CCR	2282 40	CFR 86.1313-	90 4	O CFR 86.1	313-94 <u>X</u>
Primary Intend	led Service C	lass: LHD	MHDX_	СНН	Urbi	in Bus
Exhaust ECS (1	incl. MFI, TC	, CAC): TC; CA	C; SPL; OC , E	CM	31020 CEM	· · · · · · · · · · · · · · · · · · ·
	D. A J. 11D	Fuel Rate	Fuel Pump	CCM/OCM	EGR	PTOX / Catalytic
Engine Model (Eng Code)	Rated HP @ RPM	Fuel Rate @Rated HP mmn / stroke (lbs/hr)	Part No.	Part No.	Part No.	Converter Part No.
MIDRO60226	220	107 +/-3		ELECTRONIC		! 
M511	at 2350	(82.48)	PUMP	AUTO ADVANCE	Ì	CATALYST
,			BOSCH	RENAULT VI		ENGELHARD
	}		PES6P 120A	5010691980		P217350 6'
			320RS8028	}		
	<u> </u>					MUFFLER
	į		REGULATOR	ECM RENAULT VI		DONALDSON
				5010214430		DC M 10078
			1175PA11018	I .		RENAULT V
. ,				1		501023045
			INJECTOR			
	ŀ		ASSEMBLY	SOFTWARE	İ	
			1	RENAULT VI		
		1	0432131761	5010258154	ļ	
			NOZZLE			
			BOSCH			1
			DLLA 149P 460	)[		
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