

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-11-23  
Relating to Certification of New Motor Vehicles

REGIE NATIONALE DES USINES RENAULT

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1985 model-year Regie Nationale des Usines Renault exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
F ^ FRE2.2V5GA1	132 (2.2)	Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (Electronic Fuel Injection)

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the certification emission standards for this engine family to be listed on the window decal required by "California Assembly-Line Test Procedures for 1983 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles":

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.39	7.0	0.7

The following are the certification emission values for the above engine family:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.19	1.3	0.3

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.15 of Title 13, California Administrative Code which includes repair or replacement of emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036) and Health and Safety Code Section 43204, provided, however, that jurisdiction is hereby reserved to modify these provisions to the extent made necessary by an EPA waiver decision, in order to assure that the listed vehicles comply with the minimum federal requirements applicable in California.

Vehicles 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 attachment.

Executed at El Monte, California this 19<sup>th</sup> day of June, 1984.



K. D. Drachand, Chief  
Mobile Source Division

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Regie Nationale des Usines Renault Executive Order No. A-11-23  
 Engine Family FRE 2.2 V5 FG A1 Evaporative Family FV-2.2E-1S  
 Engine CID (Liters) 132 (2.2)

## ABBREVIATIONS:

Ignition System

CA - Centrifugal Advance  
 EEC - Electronic Engine Control  
 EI - Electronic Ignition  
 ESAC - Electronic Spark Advance Control  
 VA - Vacuum Advance  
 VR - Vacuum Retard

Exhaust Emissions Control System

AIP - Air Injection-Pump  
 AIV - Air Injection-Valve  
 CL - Closed Loop  
 EGR - Exhaust Gas Recirculation  
 EM - Engine Modification  
 OC - Oxidation Catalyst System  
 TOC - Trap Oxidizer Continual  
 TOP - Trap Oxidizer Periodical  
 TR - Thermal Reactor  
 TWC - Three-Way Catalyst System

Fuel System

CFI, CL, DID, DIP, EFI, MFI  
 nV - nVenturi Carburetor  
 VV - Variable Venturi

Special Features

CCV - Combustion Chamber Valve  
 CFI - Central Fuel Injection  
 DID - Diesel Injection-Direct  
 DIP - Diesel Injection-Prechamber  
 EFI - Electronic Fuel Injection  
 IC - Intercooler  
 MFI - Mechanical Fuel Injection  
 TC - Turbocharged

VEHICLE MODELS: Sportwagon = 135B  
 Fuego = 136B

DRIVE SYSTEM: Front ENGINE/ Front -WHEEL DRIVE

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEETPassenger Cars X Light-Duty Trucks     Medium-Duty Vehicles     Gas X Diesel    Manufacturer Regie Nationale des Usines Renault Page 2Engine Family FRE 2.2 V5 FG A1 Engine Code --ECS (Special Features) EGR, TWC/CL (EFI) CID (Liter) Type 132 (2.2) I4

Engine Code	Vehicle Models (If Coded See Attachment)(Hp)	Trans	Equiv. Test Weight	Ignition System ESAC Part No.	Fuel System CL, EFI Part No.	EGR Valve Part No.	Label Ident. Part No.
C	136B	M5	2750	7700720343 (ID# 100600239)	7700715635 (ID# 0280202049)	7700720061 (ID# 7975801)	TBD
	135B		2875				
D	135B, 136B		2875				
A	136B	A3	2750				
	135B		2875				
B	135B, 136B		2875				

Comments: \_\_\_\_\_

(See Page 1 for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.)

Note: Add 10% to dyno test HP for air conditioning usage.

Date of Issue:

071080

5372G/2

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1985 VEHICLE WEIGHTS AND ROADLOAD HORSEPOWER

(Use With Appendix on Page 08.13.02.00-7)

SIXTH PERIOD  
1985 VEHICLE WEIGHTS AND ROADLOAD HORSEPOWER  
March 27, 1984

VEHICLE	WEIGHTS						FRONTAL AREA HORSEPOWER				TIRES SHOWN Standard tire listed last Optional tires also listed		ROADLOAD HP. & CONSTANT TURNS			
	TOTAL WT.	AXLE WT.	TEST WT.	±(+/-)	ENG	TRAN	STAR TIRE	RADIAL TIRE	FRONTAL AREA HORSEPOWER		SIZE/MODEL	PRESSURE PSI	ROADLOAD HP.		HP w/o AC	
							A/C	HP A/C	A/C	HP A/C			(sec)	AC Hp		(sec)
R18WG 135B	"2527"	1477	2075	+15	2.2L	MS				10.0	P175/70R13 XX P185/65R13 TR			15.24 13.69	7.1 6.7	
	[(2599)]	1550		-39						11.0	P175/70R13 XX P185/65R13 TR		14.23 14.44	7.7 7.7		
	"2540"	1488	2075	+28	2.2L	A3				10.0	P175/70R13 XX P185/65R13 TR			15.24 13.69	7.1 6.7	
	[(2612)]	1561		-26						11.0	P175/70R13 XX P185/65R13 TR		14.23 14.44	7.7 7.7		
Fuego 136B	"2456"	1497	2750	-57	2.2L	MS				9.9	P185/70R13 XX P185/65R13 TR	28	32	15.51 13.48	6.4 6.7	
	[(2529)]	1572	2075	+17						10.8	P185/70R13 XX P185/65R13 TR			15.12 14.96	7.2 7.6	
	"2469"	1500	2750	-44	2.2L	A3				9.9	P185/70R13 XX P185/65R13 TR	28	32	15.51 13.48	6.4 6.7	
	[(2560)]	1583	2075	+56						10.8	P185/70R13 XX P185/65R13 TR			15.12 14.96	7.2 7.6	
Fuego R136A	"2440"	1422	2750	+53	1.6L TURBO	MS				9.7	P165/70R365 TR P185/65R365 TR	28	32		14.45 6.3	
	[(2506)]	1488	2750	-7						10.7	P165/70R365 TR P185/65R365 TR			13.79	6.9	
	[(2528)]	1499	2075	+16						10.7	P165/70R365 TR P185/65R365 TR			14.39	7.1	