

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-11-22
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>
FRE1.6V5FTCO	95.44 (1.6)	Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (Electronic Fuel Injection) (Turbocharger)

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>
0.41	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>
0.22	1.5	0.4

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.

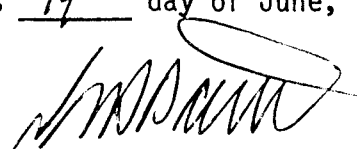
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

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 19th 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-11-22
 Engine Family FRE 1.6 V5 FT CO Evaporative Family FV-1.6C-2S
 Engine CID (Liters) 95.44 (1.6)

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: Fuego

DRIVE SYSTEM: Front ENGINE/ Front -WHEEL DRIVE

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars X Light-Duty Trucks Medium-Duty Vehicles Gas X Diesel

Manufacturer Regie Nationale Des Usines Renault Page 2

Engine Family FRE 1.6 V5 FT CO Engine Code --

ECS (Special Features) EGR, TWC/CL (EFI, TC) CID (Liter) Type 95.44(1.6) I4

Engine Code	Vehicle Models (If Coded See Attachment)(Hp)	Trans	Equiv. Test Weight	Ignition System ESAC Part No.	Fuel System EFI Part No.	EGR Valve Part No.	Label Ident. Part No.
C	Fuego (R136A) (7.1)	M5	2750	7700710360 (ID# S100.001.022)	7700709620 (ID# 0280200035)	7700637027	TBD
D			2875				
A			2750				
B			2875				

Comments: Engine codes C and D represent California only calibrations and differ from codes A and B by excluding altitude compensating device.

(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:

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1985 VEHICLE WEIGHTS AND ROADLOAD HORSEPOWER

(Use With Appendix on Page 08.13.02.00-7)

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

VEHICLE	WEIGHTS						FRONTAL AREA HORSEPOWER				TIRES SHOWN			ROADLOAD HP. & COASTDOWN TIMES			Hp w/o AC	
	TOTAL WT.	AXLE WT.	TEST WT.	#(+/-)	FNC	TRAN	REAR TIRE		FRONTAL TIRE		Standard tire listed 1st Optional tires also listed		PSI	PR	(sec)	AC Hp		(sec)
							A/C	MON A/C	A/C	MON A/C	SIZE/MODEL	PSI						
R18W3 135 B	2527	1477	2875	+15	2.2L	N5				10.0	P175/70R13 XEX P185/65R13 TRX					15.24 15.69	7.1 6.7	
	(2599)	1550		-39						11.0	P175/70R13 XEX P185/65R13 TRX			14.23 14.44	7.7 7.7			
	2540	1488	2875	+28	2.2L	A5				10.0	P175/70R13 XEX P185/65R13 TRX					15.24 15.69	7.1 6.7	
	(2612)	1561		-26						11.0	P175/70R13 XEX P185/65R13 TRX			14.23 14.44	7.7 7.7			
Fuego 136 B	2456	1497	2750	-57	2.2L	N5				9.9	P185/70R13 XEX P185/65R13 TRX	28	32			15.51 15.40	6.4 6.7	
	(2529)	1572	2875	+17						10.8	P185/70R13 XEX P185/65R13 TRX			15.12 14.96	7.2 7.6			
	2469	1500	2750	-44	2.2L	A5				9.9	P185/70R13 XEX P185/65R13 TRX	28	32			15.51 15.40	6.4 6.7	
	(2568)	1583	2875	+56						10.8	P185/70R13 XEX P185/65R13 TRX			15.12 14.96	7.2 7.6			
Fuego R136A	2440	1422	2750	+53	1.6L TURBO	N5				9.7	165/70R365 TRX 185/65R365 TRX	28	32			14.45	6.3	
	(2506)	1488	2750	-7						10.7	165/70R365 TRX 185/65R365 TRX			13.79	6.9			
	2528	1499	2875	+16						10.7	165/70R365 TRX 185/65R365 TRX			14.39	7.1			
	(2528)	1499	2875	+16						10.7	165/70R365 TRX 185/65R365 TRX			14.39	7.1			