

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-11-16
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 Order G-45-3, and G-45-4;

IT IS ORDERED AND RESOLVED: That 1982 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>
CRE1.6V5FT38	95.4 (1.6)	Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (Electronic Fuel Injection) (Turbocharged)

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1982 model-year 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 this engine family:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.22	1.6	0.2

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer	<u>Regie Nationale des Usines Renault</u>	Executive Order No.	<u>A-11-16</u>	Page	<u>1</u>
Engine Family	<u>CRE1.6V5FT38</u>	Evaporative Family	<u>ECS4-T</u>		
		Engine CID (Liters)	<u>95.4 (1.6)</u>		

ABBREVIATIONS

Ignition System

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

Fuel System

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

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
 TR-Thermal Reactor
 TWC-Three Way Catalyst System

Special Features

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

Vehicle Models

Fuego (R1368 Liftback)

DRIVE SYSTEM: Front engine/Front transaxle drive

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Regie Nationale des Usines Renault E.O. #A-11-16

Engine Family CRE1.6V5FT38 CID (liter) - Type 95.4 (1.6) - L4

ECS (Special Features) EGR, TWC/CL (EFI, TC)

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System ESAC Part No.	Fuel System EFI Part No.	EGR Valve Part No.	Label Ident. Part No.
A(1)	Fuego	M5	2750	7700 710 360	Air Flowmeter 7700 709 620	7700 637 027	7700 714 729
B(2)			2750 2875 ⁽³⁾	Part I.D. No. S100.001.022	Part I.D. No. 0280 200 035	Part I.D. No. 15139C	

(1) W/O AC
 (2) W/AC
 (3) W/AC plus sun roof and touring interior options.

Comments: See page one 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.

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

Date of Issue -
 Revisions: