

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-11-15  
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>
CRE1.6V5FZ94	100.5 (1.6)	Three Way Catalyst with Closed Loop (Electronic Fuel Injection)

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 Gram per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.28	2.7	0.3

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 the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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 in El Monte, California this 17<sup>th</sup> day of June, 1981

*K. D. Drachand*

K. D. Drachand, Chief  
Mobile Source Control Division

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Regie Nationale des Usines Renault Executive Order No. A-11-15 Page 1  
 Engine Family CRE1.6V5FZ94 Evaporative Family ECS4  
 Engine CID (Liters) 100.5 (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

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

Renault 18 Sedan  
 Renault 18 Station Wagon  
 Fuego

DRIVE SYSTEM: Front engine/Fron transaxle drive.

## 1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Regie National des Usines Renault E.O. #A-11-15

Engine Family CRE1.6V5FZ94 CID (liter) - Type 100.5 (1.6)

ECS (Special Features) TWC/CL (EFI)

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight *	Ign. System	Fuel System	EGR Valve	Label Ident.
				CA,VA,EI Part No.	EFI Part No.	Part No.	Part No.
A	R18i Sedan	A3	2750	7700 668 754	7700 689 443	N/A	
	R18i Wagon	A3	2875	(Ducellier R258 D60)	(Bosch 0.280.202.027)		
	Fuego	A3	2750				
B	R18i Sedan	M5	2750				
	R18i Wagon	M5	2875				
	Fuego	M5	2750				
C	R18i Sedan	A3	2625				
	R18i Wagon	A3	2750				
D	R18i Sedan	M4	2500				
	R18i Sedan	M4	2625				
	R18i Sedan	M5	2625				
	R18i Wagon	M4	2750				
	R18i Wagon	M5	2750				
	Fuego	M5	2625				

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: