

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-11-12
Relating to Certification of New Motor Vehicles

REGIE RENAULT

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; 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 Regie Renault exhaust emission control systems are certified as described below for 1981 model-year gasoline-powered passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
BRE1.6V5FZ9	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 certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1981 model-year vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
BRE1.6V5FZ9	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", amended June 26, 1980.

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.

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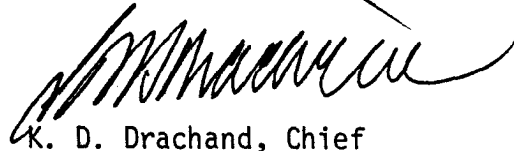
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That Regie Renault has provided to the Executive Officer 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 at El Monte, California this 4th day of August, 1980.


K. D. Drachand, Chief
Mobile Source Control Division

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Regie Renault Executive Order No. A-11-12 Page 1

Engine Family BRE1.6V5FZ9 Evaporative Family ECS4

ABBREVIATIONS Engine CID (Liters) 100.5 (1.6)

<u>Ignition System</u>	<u>Exhaust Emissions Control System</u>	<u>Special Features</u>
CA-Centrifugal Advance	AIP-Air Injection-Pump	CCV-Combustion Chamber Valve
EEC-Electronic Engine Control	AIV-Air Injection-Valve	CFI-Central Fuel Injection
EI-Electronic Ignition	CL-Closed Loop	DI-Diesel Injection
ESAC-Electronic Spark Advance Control	EGR-Exhaust Gas Recirculation	EFI-Electronic Fuel Injection
VA-Vacuum Advance	EM-Engine Modification	MFI-Mechanical Fuel Injection
VR-Vacuum Retard	OC-Oxidation Catalyst System	TC-Turbocharged
	TR-Thermal Reactor	
	TWC-Three Way Catalyst System	

Fuel System
 CFI, DI, EFI, MFI
 nV-nVenturi Carburetor
 VV-Variable Venturi

Vehicle Models

- Renault 18 Sedan
- Renault 18 Station Wagon

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Regie Renault

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Engine Family BRE1.6V5FZ9

Engine Code A,B,C,D

ECS (Special Features) TWC/CL (EFI)

CID (Liters)-Type 100.5 (1.6) L-4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class	Ign. System	Fuel System	EGR Valve	Label
				CA, VA, EI Part No.	EFI Part No.	Part No.	Ident. Part No.
A	Sedan	A3	2750*	7700 668 754 (Ducellier R258 D60)	7700 689 443 (Bosch 0.280.202.027)	N/A	7700 692 724
	Station Wagon	A3	2875*				
B	Sedan	M5	2750*		7700 705 407 ⁽¹⁾ (Bosch 0.237.002.064)		
	Station Wagon	M5	2875*				
C	Sedan	A3	2625				
	Station Wagon	A3	2750				
D	Sedan	M4	2500				
	Sedan	M4	2625				
	Sedan	M5	2625				
	Station Wagon	M4	2750				
	Station Wagon	M5	2750				

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.

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

Date of Issue - (1) Added by running change 81-2.