

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-11-11
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 1980 model-year gasoline-powered passenger cars.

| <u>Engine Family</u> | <u>Displacement Cubic Inches</u> | <u>Exhaust Emission Control Systems (Special Features)</u> |
|----------------------|--------------------------------------|--|
| 810TWCR | 85 | Exhaust Gas Recirculation Three Way Catalyst Closed Loop |

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 1980 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> |
|----------------------|--|---|---|
| 810TWCR | 0.21 | 5.6 | 0.4 |

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 except Motorcycles".

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 1980 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 16th day of November, 1979.


K. D. Drachand, Acting Chief
Mobile Source Control Division

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 Engine Family 810TWC Engine (CID) 85

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

EFI, MFI
 nV-nVenturi Carburetor
 VV-Variable Venturi

Exhaust Emissions Control System

AI-Air Injection
 CL-Closed Loop
 EGR-Exhaust Gas Recirculation
 EM-Engine Modification
 OC-Oxidation Catalyst
 PAI-Pulse Air Injection
 TR-Thermal Reactor
 TWC-Three Way Catalyst

Special Features

CCAV-Combustion Chamber Air Valve
 EFI-Electronic Fuel Injection
 MFI-Mechanical Fuel Injection
 TC-Turbo Charged

Engine Code

A

Model

Le Car

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

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Engine Family 810TWC

CID-Type 85-I4

Engine Code A

ECS (Special Features) TWC-CL, EGR

+ 10% (A/C)

Yes No X

| Engine Code | Vehicle Models (If Coded see attachment) | Trans. | Test Weight Class (Inertia) | Ign. System | Fuel System | EGR Valve | Label Ident. |
|-------------|---|--------|--------------------------------|------------------------------------|--------------------------------|-----------------------------------|---------------|
| | | | | EI, CA, VA | 2V | Part No. | |
| A | Le Car | M4 | (2000) 2125 | Ducellier R324C33 7700668704 | Weber 32DIR80 7700672613 | GMA1706 3605 7700674 567 | See Page 3 |

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, equipment and inertia weight class.

Date of Issue -

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| | | |
|---|---|---|
| VEHICLE EMISSION CONTROL INFORMATION | | THIS VEHICLE CONFORMS TO U.S. EPA AND STATE OF CALIFORNIA REGULATIONS APPLICABLE TO 1980 NEW MOTOR VEHICLES PROVIDED THAT THIS VEHICLE IS ONLY INTRODUCED INTO COMMERCE FOR SALE IN THE STATE OF CALIFORNIA |
| ENGINE FAMILY 810 TWC R ENGINE CID : 85 EXHAUST EMISSION CONTROL TYPE : EGR/CAT/CL EVAPORATIVE FAMILY : ECS 3-1 | | |
| CATALYST | COMPLIANCE DEMONSTRATED ALTITUDE: <input type="checkbox"/> OVER 4000 FT <input checked="" type="checkbox"/> UNDER 4000 FT | |
| ENGINE TUNE-UP SPECIFICATIONS AND ADJUSTMENTS: AT NORMAL OPERATING TEMPERATURE AND IN NEUTRAL POSITION, ALL ACCESSORIES OFF. | | |
| ITEM | SPECIF | INSTRUCTIONS |
| 1. TIMING SETTING (DEGREES AT RPM) DWELL: NOT ADJUSTABLE | 3° BTDC AT 750 ± 50 RPM | VACUUM ADVANCE DISCONNECTED |
| 2. IDLE SPEED (RPM) | 750 ± 50 RPM | ADJUSTED AT 1000 MILES BY RENAULT DEALER |
| 3. FAST IDLE SPEED (RPM) | 1500 ± 100 RPM | ADJUSTED AT 1000 MILES BY RENAULT DEALER |
| 4. IDLE MIXTURE | NOT ADJUSTABLE | IDLE MIXTURE IS PRESET AT FACTORY. NOT ADJUSTED DURING SCHEDULED MAINTENANCE |
| RECONNECT ALL CONNECTIONS: DISTRIBUTOR AND VACUUM HOSES. SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE FOR ADDITIONAL INFORMATION | | |
| CHOKE SETTING: 2 NOMI. REF. VAG.: 10mm - MECRAH.: 6.5mm | VALVE INT.: 0.006 in LASH EXH.: 0.008 in | SPARK PLUG TYPE: BOSCH WR9DS AND GAP: 0.022 in TO 0.026 in |
| REGIE NATIONALE DES USINES RENAULT | | |

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