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:

Engine Family FRE1.6V5FTC0	Displace Cubic Inches		Exhaust Emission Control Systems (Special Features)					
FREI.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":

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
Grams per Mile	Grams per Mile	Grams per Mile
0.41	7.0	0.7

The following are the certification emission values for the above engine family:

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
Grams per Mile	Grams per Mile	Grams per Mile
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

day of June, 1984.

^LK. D. Drachand, Chief Mobile Source Division

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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 Fuel System CFI - Central Fuel Injection VV - Variable Venturi CFI - Central Fuel Injection DID - Diesel Injection DIC - Intercooler MFI - Mechanical Fuel Injection TC - Turbocharged	Regie Nationale Des Manufacturer Usines Renault	Executive Order No. A-11-22
ABBREVIATIONS: Ignition System	Engine Family FRE 1.6 V5 FT CO	_ Evaporative Family FV-1.6C-2S
Ignition System CA - Centrifugal Advance EEC - Electronic Engine Control EI - Electronic Ignition ENUME CONTROL EI - Electronic Ignition EGR - Exhaust Emissions Control AIV - 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 Continual		Engine CID (Liters) 95.44 (1.6)
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 Fuel System CFI - Central Fuel Injection-Drect DIP VV - Variable Venturi EXPERIENCE Fuelon EACH - 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 Continual TOP - Trap Oxidizer Periodical TR - Thermal Reactor TWC - Three-Way Catalyst System CCV - Combustion Chamber Valve CFI - Central Fuel Injection DID - Diesel Injection-Drect DIP - Diesel Injection-Drect DIP - Diesel Injection-Prechamb EFI - Electronic Fuel Injection IC - Intercooler MFI - Mechanical Fuel Injection TC - Turbocharged ENUME CASTEMA Function FINCINE CASTEMA Function AIV - Air Injection-Pump EGR - Exhaust Gas Recirculation CL - Closed Loop EGR - Exhaust Gas Recirculation EM - Engine Modification EM - En	ABBREVIATIONS:	
CFI, CL, DID, DIP, EFI, MFI NV - nVenturi Carburetor VV - Variable Venturi DID - Diesel Injection-Direct DIP - Diesel Injection-Prechamb EFI - Electronic Fuel Injection IC - Intercooler MFI - Mechanical Fuel Injection TC - Turbocharged	CA - Centrifugal Advance EEC - Electronic Engine Control EI - Electronic Ignition ESAC - Electronic Spark Advance Control VA - Vacuum Advance	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
DIVE CVCTEM. Fromt	CFI, CL, DID, DIP, EFI, MFI nV - nVenturi Carburetor	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
DRIVE SYSTEM: FrontWHEEL DRI	'EHICLE MODELS: Fuego	
RIVE SYSTEM: FrontWHEEL DRI		
	ORIVE SYSTEM: Front	ENGINE/_ FrontWHEEL DRIVE

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Passenger Cars X Light-Duty Trucks Medium-Duty	VehiclesGas_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

	Vehicle Models		Equiv.	Ignition System		EGR Valve	Label
Engine	(If Coded See	Trans	Test	ESAC	EFI		Ident.
Code	Attachment)(Hp)		Weight	Part No.	Part No.	Part No.	Part No.
	_			7700710360	7700709620		
C	Fuego	M5	2750	(ID#	(ID#	7700637027	TBD !
	(R136A) (7.1)	ļ		\$100.001.022)	0280200035)		
 <u>D</u>		<u> </u>	2875				
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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:

071080 5356G/2

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Manufacturer <u>RENAULT</u> Exec	ecutive Order	No.	A-11-22	Page_	3
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1985 VEHICLE WEIGHTS AND ROADLOAD HORSEPOWER

(Use With Appendix on Page 08.13.02.00-7)

				VEHIT	?A		ļ	TAL APE	A HORSE		TIRES SIMWH Standard tire liste Optional tires also			 	ROAFLO & OAST TO N	-	
VFFICLE	TOTAL	AXI F	TFST WT.	#(+/-)	FINC	HAST	A/C	NOR NOR	ļ	POW			SURE	 (sec)	AC Hp	(sec)	l lip
1	-2527-	1477	2075	+15	2.2L	H5		!	<u> </u>					!	!	15.24	17.1
R18 WG	[(2599)]	1550		-39					11.0	İ				14.23 14.44		13.65	
35 B	77540*	1488	2P75	+28	2.7L	1	ļ	<u> </u>		10.0		<u> </u> -	<u> </u>		<u> </u>	15.24 15.69	7.
i !	[(2612)]	1561	; }	-26	İ	; ; ;	<u>.</u>	<u>;</u> !	11.0	1	 	į	!	14.23	7.7 7.7		
· · · · · · · · · · · · · · · · · · ·	*2456*	1497	2750	-57	2.21	N5		j		9.7	P185/70813 XXX P185/65813 TRX	28	32			15.51	6.
uego	[(2529)]	1572	1 2#75 	+17		 	 		10.4	! !	 165/70013 XXX P165/63013 TXX		! !	 15.12 14.96			
136B	*2469*	1500	2750	-44	2.21	28	!] 		9.8		28	32] 		15.51 15.40	6.4
!	[(2568)]	1583	2075	+56	.	! !	; !	! !	10.8		- P165/70R13 XXX P165/65R13 TRX		 	15.12 14.96			
—————— - - -	*2440*	1422	 2750 	+53	1.6L TURBO	M5	 	 			165/70R365 TRE	28	32			14.45	6.
uego	[(2506)]	1488] 2750 	- 7		 	!	!	10.7		 165/709365 TRE 185/658365 TRE			ຕ.່ກ	6.9		‡ ‡
RISGA	[(252 <u>P</u>)]	1499	2875	+16		į		į	10.7	 	 165/708365 TRX 185/658365 TRX	İ		14.39	7.1		•

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