

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-7-24
Relating to Certification of New Motor Vehicles

VOLKSWAGENWERK AG

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That Volkswagenwerk AG exhaust emission control systems for 1977 model-year passenger cars are certified for the engine family described below:

Engine Family: 38
Engine: 97 CID
Transmission: 3-Speed Automatic and 4-Speed Manual
Exhaust Emissions Control Systems: Engine Modification, Exhaust Gas Recirculation, Fuel Injection, Oxidation Catalyst

Models: Volkswagen
Rabbit Sedan 17
Scirocco Coupe 53

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1977 model 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>
38	0.16	1.3	0.9

BE IT FURTHER RESOLVED: That this certification is contingent upon Volkswagenwerk AG affixing a permanent catalyst overheat warning label on the driver's sun-visor of all catalyst-equipped vehicles. This label must be approved by the Executive Officer.

BE IT FURTHER RESOLVED: That this certification is also contingent upon Volkswagenwerk AG listing in the owner's manual the operating cautions associated with a catalyst-equipped vehicle. This listing must be approved by the Executive Officer.

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Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 27th day of September, 1976.

G. C. Hass by P. D. O'Connell
G. C. Hass, Chief
Division of Vehicle Emissions Control

Manufacturer Volkswagenwerk AG Executive Order No. A-7-24 Page 1 of 1
 Engine Family 38 Engine (CID) 97 Engine EE-o (man. trans.)
 Codes EE-1 (Auto. Trans)
 Emission Control System EGR, EM, FI, OC. +10%(A/C) Yes No

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type : C,V, VR Mfr. Part Number	Fuel System Type : FI (K-Jetronic) Mfr. Part Number	EGR System: Venturi Vacuum Control- Part No. led. Service*	Tune-Up Specification
Rabbit Sedan 17 Scirocco Coupe 53	A/T3 (3.76 axle ratio) M/T4 (3.90 axle ratio)	2,250 (see comments)	Bosch 0 231 176 057, which is VW 049 905 205A	Mixture control Unit 049 133 353C, consisting of Bosch 0 438 120 008 Air Flow Sensor; Bosch 0 438 100 007 Fuel Distributor; Bosch 0 438 140 011 warm-up Regulator; and 0 280 170 402 Starting Valve	Pierberg PE 20182 or Elbi 028 2100 I-15,000 miles	(1) 3° + 1° ATDC at idle speed with vacuum connected (2) 0.3% maximum at tail-pipe (3) 925+75 in neutral with head-lamps on high beam (Label No. 171 000 331 F)

Comments Actual road load hp is 7.3 hp total.
 Manual Transmission Shift Speeds: 15-25-40 mph.

Date of Issue : 21 September 1976

Abbreviations

Distributor

- CA-Centrifugal Advance
- VA-Vacuum Advance
- VR-Vacuum Retard
- HEI-High Energy Ignition
- EI-Electronic Ignition
- Fuel System
- FI, FI
- nV-nVenturi Carburetor
- VV-Variable Venturi

Exhaust Emission Control System

- AI-Air Injection
- CAI-Catalyst Air Injection
- EFI-Electronic Fuel Injection
- EGR-Exhaust Gas Recirculation
- EM-Engine Modification
- EFE-Early Fuel Evaporation
- ESAC-Electronic Spark Advance Control
- FI-Fuel Injection

OC-Oxidation Catalyst

- PAI-Pulse Air Injection
- RC-Reduction Catalyst
- TR-Thermal Reactor
- TWC-Three Way Catalyst
- λ-Air Fuel Ratio Sensor
- *Service
- I-Inspect, repair/replace as needed