

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-7-27
Relating to Certification of New Motor Vehicles

VOLKSWAGENWERK AG

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 Volkswagenwerk AG exhaust emission control systems for 1978 model-year passenger cars are certified for the vehicles described below:

- Engine Family: 37 C
- Engine: 89 and 97 CID
- Transmission: 3-Speed Automatic and 4-Speed Manual
- Exhaust Emission Control System: Exhaust Gas Recirculation, Fuel Injection, Oxidation Catalyst

Models and Engine Codes as listed in attachment.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1978 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> |
|----------------------|--|---|---|
| 37 C | 0.16 | 2.5 | 1.2 |

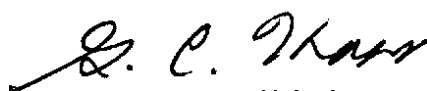
BE IT FURTHER RESOLVED: That the above models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (13 California Administrative Code, Section 2290) for the aforementioned model year, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-7 series.

BE IT FURTHER RESOLVED: That the above models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-powered Motor Vehicles except Motorcycles".

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 14 day of September, 1977.



G. C. Hass, Chief
Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Volkswagenwerk AG Executive Order No. A-7-27 Page 1

Engine Family 37C Engine (CID) 89 and 97

ABBREVIATIONS

Distributor

C-Centrifugal Advance

V-Vacuum Advance

VR-Vacuum Retard

HEI-High Energy Ignition

EI-Electronic Ignition

Fuel System

EFI, FI

nV-nVenturi Carburetor

VV-Variable Venturi

Exhaust Emissions Control System

AI-Air Injection

CAI-Catalyst Air Injection

CAB-Chamber Air Bleed

DD-Dual Displacement

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

TC-Turbo Charged

TR-Thermal Reactor

TWC-Three Way Catalyst

(Feedback Control)

EGR Syst. Service

I-Inspect, repair/replace

as needed

R-Replace

Models

Rabbit, Sedan 17

Scirocco, Coupe 53

Dasher, Sedan 32

Dasher, Wagon 33

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium Duty Vehicles

Manufacturer Volkswagenwerk AG Executive Order No. A-7-27 Page 2

Engine Family 37C Engine (CID) 89 and 97 Engine Code _____

Emission Control System EGR, FI, OC +10%(A/C) Yes No

| Eng. Code | Vehicle Models (If Coded see attachment) | Trans | Inertia Weight Class | Distributor Type C,V VR Mfgr. Part Number | Fuel System Type FI K-Jetronic Mfgr. Part Number | EGR System Part No. Service | Tune-Up Specification |
|--------------|--|------------|----------------------|--|---|-------------------------------------|--|
| EH-0 EH-1 | Rabbit, basic version Scirocco | M-4 A-3 | 2250 | 049 905 205A | 049 131 353 D or G or C | PE 20 182 15,000 miles | (1) 3° + 1 ATDC @ idle with vacuum connected (2) Idle CO 0.3% max @ tailpipe |
| YG YH | Dasher | M-4 A-3 | 2500 | | 049 131 353 D or H or G | | (3) 925 + 75 RPM in neutral |

Comments: Some models have special road load HP settings.
See page 1 for abbreviations and model codes.

Date of Issue 9/14/77 Revisions: