State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-7-23
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: 32C
Engine: 97 CID
Transmission: 3-Speed Automatic and 4-Speed Manual
Exhaust Emissions Control Systems: Air Injection, Exhaust Gas Recirculation, Engine Modification, 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:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
32C	0.23	4.8	1.5

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.

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 28th day of September, 1976.

G C Hass by A Blachard

G. C. Hass, Chief
Division of Vehicle Emissions Control

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[X] Passenger Cars [ ] Light-Duty Trucks

Manufacturer Volkswagenwerk AG Executive Order No. A-7-23 Page 1 of 1

Engine Family 32C Engine (CID) 97 Engine Code FN-M (man. trans.) FN-A (Auto. trans.)

Emission Control System AI, EGR, EM, OC +10%(A/C) Yes [ ] No [X]

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type: C,V VR Mfgr. Part Number	Fuel System Type: 1-2V Mfgr. Part Number	EGR System: 2-Stage* Part No. Service*	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Rabbit Sedan 17 Scirocco Coupe 53	A/T3 (3.76 axle ratio)	2,250 (see comments)	Bosch 055 905 205 B, or 055 905 205 F	055 129 021 C	055 131 503 I-15,000	(1) 3° ATDC with vacuum connected (2) 1.0% ± 0.7% idle CO measured upstream of cat., with AI disconnected. (3) 925 ± 75 RPM in neutral
	M/T4 3.90 axle ratio)			055 129 021 B		(1) 3° ATDC with vacuum connected (2) 1.5% ± 0.7% idle CO measured upstream of catalyst with AI disconnected (3) 925 ± 75 RPM

Comments: Actual road load hp is 7.3 hp total.

*EGR 1st stage venturi vacuum controlled, 2nd stage throttle position solenoid activates brake booster vacuum for control.

Date of Issue: September 27, 1976

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 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
R-Replace