State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-19-10
Relating to Certification of New Motor Vehicles

DR. ING. h.c.F. PORSCHE AKTIENGESELLSCHAFT

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 Dr. Ing. h.c.F. Porsche Aktiengesellschaft exhaust emission control systems for 1977 model-year passenger cars are certified for the engine family described below:

Engine Family: VII
Engine: 121 CID
Transmission: 4-Speed Manual or 3-Speed Automatic
Exhaust Emission Control Systems: Fuel Injection, Engine Modification, Exhaust Gas Recirculation, Oxidation Catalyst, Air Injection

Model: Porsche 924

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1977 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
VII	0.39	8.8	1.1

BE IT FURTHER RESOLVED: That this certification is contingent upon Dr. Ing. h.c.F. Porsche Aktiengesellschaft 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 Dr. Ing. h.c.F. Porsche Aktiengesellschaft 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 23 day of March, 1977.

G. C. Hass, Chief
Vehicle Emissions Control Division

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[X] Passenger Cars [ ] Light-Duty Trucks

Manufacturer Dr. h.c.F. Ing. Porsche AG Executive Order No. A-19-10 Page 1

Engine Family VII Engine (CID) 121 Engine Code **XE, XE/A & XE-W**

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

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type, C, V, VR, EI Mfgr. Part Number	Fuel System Type FI Mfgr. Part Number	EGR System Part No. Service**	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Porsche 924	A/T3 **(Engine Code XE/A)**	3000	Bosch 0 237 003 008	Bosch 0 438 040 048 or 0 438 040 047 **(System)**	PE 20268	1) 3° +1° ATDC @ 950 ± 50 RPM in neutral; vacuum line to distributor remain connected. 2) 0.5 to 1.0% CO in neutral; Air pump disconnected; measured at exhaust tap located upstream of catalyst. 3) 950 ± 50 RPM in neutral
	M/T4 (Engine Code XE)			**0 438 100 039 fuel distributor** **0 438 120 066 air flow sensor**		
	M/T4 (Engine Code XE-W				**PE 20435**	

Comments Axle ratio: 3.44 (M/T4), **engine code XE, 3.73 (A/T3) Corrected 10/27/77**
Road Load Horsepower: 7.3 HP@50MPH
**No Service

Date of Issue P/N PE 20435 **& engine code XE-W & 3.89 rear axle. Added RC 1/VII-77, 7/15/77**

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