

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-19-14
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 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 Dr. Ing. h.c.f. Porsche Aktiengesellschaft exhaust emission control systems for 1978 model-year passenger cars are certified for the vehicles described below:

Engine Family: X
Engine: 273 CID
Transmission: 5-Speed Manual and 3-Speed Automatic
Exhaust Emission Control Systems: Fuel Injection, Air Injection,
Exhaust Gas Recirculation,
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> |
|----------------------|--|---|---|
| X | 0.35 | 3.6 | 1.2 |

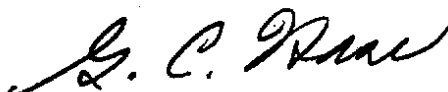
BE IT FURTHER RESOLVED: That the above models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (13 California Administrative Code, Section 2290) for the aforementioned model year, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-19 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 16 day of November, 1977.



G. C. Hass, Chief
Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Dr. Ing. h.c.f.
 Manufacturer Porsche A.G. Executive Order No. A-19-14 Page 1
 Engine Family X Engine (CID) 273

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

Vehicle Model

928 Coupe

| | |
|---|---|
|  | VEHICLE EMISSION CONTROL INFORMATION DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT STUTTGART GERMANY 928 CID 273 ENGINE FAMILY X EVAP FAMILY C TRANSMISSION IN NEUTRAL - ACCESSORIES NONE EMISSION CONTROL SYSTEM EM/FI/OX CAT / EGR/AI IDLE SPEED 800±50 RPM IGNITION TIMING 31° BTDC AT 3000 RPM AND 80°C (175°F) OIL TEMPERATURE (VACUUM LINE DISCONNECTED) IDLE MIXTURE 3.1% CO MEASURED AT IDLE SPEED AT 1' TAILPIPE AL DISCONNECTED AND PLUGGED THIS VEHICLE CONFORMS TO U.S.E.P.A. AND CALIFORNIA REGULATIONS APPLICABLE TO 1978 MODEL YEAR NEW MOTOR VEHICLES |
|---|---|

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium Duty Vehicles
 Dr. Ing.

Manufacturer h.c.f. Porsche A.G. Executive Order No. A-19-14 Page 2

Engine Family X Engine (CID) 273 Engine Code M-28

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

| Eng. Code | Vehicle Models (If Coded see attachment) | Trans | Inertia Weight Class | Distributor | Fuel System | EGR System | Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed |
|-------------------|--|------------|----------------------|--|--|------------------|---|
| | | | | Type C,VR Mfgr. Part Number | Type CFI Mfgr. Part Number | Part No. Service | |
| M-28 | 928 | M-5 A-3 | 3500 | Bosch 0 237 041 006 or 0 237 455 004 | Bosch Air Sensor 0438 080 004 Fuel Distributor 0438 100 027 | PE 20314 | See page 1. |
| M-28-I | | | | | | PE 203 14/C1 | |

Comments: No models have special road load HP settings.
 See page 1 for abbreviations and model codes.

Date of Issue Revisions: *12/21/77 R.C. 1/X-78(KDD letter 4/19/78)