

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-19-15
Relating to Certification of New Motor Vehicles

DR. ING. H.C.F. PORSCHE 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 Dr. Ing. h.c.F. Porsche AG exhaust emission control systems are certified as described below for 1979 model-year gasoline-powered passenger cars.

| <u>Engine Family</u> | <u>Displacement Cubic Inches</u> | <u>Exhaust Emission Control Systems (Special Features)</u> |
|----------------------|--------------------------------------|--|
| IV | 201 | Air Injection Exhaust Gas Recirculation Thermal Reactor (Mechanical Fuel Injection) (Turbocharger) |

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1979 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> |
|----------------------|--|---|---|
| IV | 0.23 | 4.2 | 1.1 |

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

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 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.

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

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

Executed at El Monte, California this 7 day of October, 1978.



G. C. Hass, Chief
Vehicle Emissions Control Division

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Engine Family IV Engine (CID) 201

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
EI-Electronic Ignition
ESAC
VA-Vacuum Advance
VR-Vacuum Retard

Exhaust Emissions Control System

AI-Air Injection
CCAV-Comb. Chamber Air Valve
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification

OC-Oxidation Catalyst
PAI-Pulse Air Injection
TC-Turbo Charged
TR-Thermal Reactor
TWC-Three Way Catalyst
(Feedback Control)
WOC-Warm-up Oxidation
Catalyst

Fuel System

EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

ESAC-Electronic Spark Advance
Control
MFI-Mechanical Fuel Injection

Vehicle Models: Turbo Carrera

Evaporative Emission Control Family: B

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E.O. #A 19-15

Passenger Cars Light-Duty Trucks Medium-Duty Vehicles

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Engine Family IV Engine (CID) 201 Engine Code TU-2C

Emission Control System AI, EGR, TR + 10% (A/C) Yes No

| Eng. Code | Vehicle Models (If Coded see attachment) | Trans. | Inertia Weight Class (Axle Ratio)* | Ign. Sys. CA, VR, EI Distributor Part No. | Fuel System MFI (K-Jetronic) Part No. | EGR Valve Part No. | Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed |
|-----------|--|--------|------------------------------------|---|---------------------------------------|--------------------|---|
| TU-2C | Turbo Carrera | M-4 | 3000 | 0-237-302-009 | 0-438-060-022 | PE-20-331/01 | (1) 5+ ATDC with vacuum hoses connected. (2) 2.5 + 0.5% CO with AI disconnected and plugged. (3) 1000 + 50 rpm. |

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and inertia weight class.

*Axle ratio is that of medium duty certification vehicle.

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