State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-19-63
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 the Health and Safety Code, Division 26, Part 5, Chapter 2; 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 1989 model-year Dr. ING h.c. F. Porsche, Aktiengesellschaft emission control systems are certified as described below for gasoline-powered passenger cars:

| Engine Family | Displacement Liters (Cubic Inches) | Exhaust Emission Control Systems (Special Features) |
|---|---|---|
| KPR201V6FC17 | 3.3 (201) | Air Injection - Pump<br>Heated Oxygen Sensor<br>Three-Way Catalyst<br>(Mechanical Fuel Injection)<br>(Turbocharger)<br>(Intercooler)<br>On-Board Diagnostics (Exempted) |

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

| Hydrocarbons (Grams per Mile) | Carbon Monoxide (Grams per Mile) | Nitrogen Oxides (Grams per Mile) |
|---|---|---|
| 0.41 | 7.0 | 0.4 |

The following are the certification emission values for this engine family:

| Hydrocarbons (Grams per Mile) | Carbon Monoxide (Grams per Mile) | Nitrogen Oxides (Grams per Mile |
|---|---|---|
| 0.30 | 2.4 | 0.2 |

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".

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 Code of Regulations, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed have been granted an exemption from compliance with the requirements of the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Code of Regulations, Section 2035 et seq.).

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

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 29th day of September, 1988.

K. D. Drachand, Chief
Mobile Source Division

# 1989 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer: P O R S C H E

Engine Family: KPR 201 V6FC17

Evap. Family: I

Engine Type : B 6

Liters (CID) : 3.3 (201)

ABBREVIATIONS

Ignition System

CA-Centrif. Advance
ECU-Electronic Eng. Control
EI-Electronic Igni.
ESAC-Elect. Spark Advance Contr.
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System

CFI,HOS,OS,DID,DIP,
EPFI,MPFI,SFI

nV-nVenturi Carburetor
VV-Variable Venturi Carburetor

Exhaust Emission Control

AIP-Air Injection pump
AIV-Air Injection Valve
ECI-El. Ign. Control (Diesel only)
EGR-Exhaust Gas Recirc.
EM-Engine Modification
OC-Oxidation Cat. Syst.
SPL-Smoke Puff Limiter or throttle delay
TOC-Trap Oxidizer, Cont.
TOP-Trap Oxidizer, Period.
OS-Oxygen Sensor
HOS-Heated Oxygen Sensor
WUOC-Warm-Up Ox. Catalyst
WUTWC-Warm-Up 3-way Cat.
TWC-Three-Way Cat. System
DBC-Dual Bed Catalyst

Special Features

CCV-Combustion Chamb. Valve
CFI-Central Fuel Injection
DID-Diesel Inj.-Direct
DIP-Diesel Inj.-Prechamber
SFI-Sequential Fuel Inject.
EPFI-Electr. Port Fuel Inject.
IC-Intercooler /aftercooler
MPMFI-Mechanical Fuel Inject.
OBD-On-Board Diagnostics
TC-Turbocharger
SC-Supercharger

Vehicle Models: 911 Turbo

Engine: Front ..... Mid. ..... Rear ..X..

Drive: FWD ..... RWD ..X.. 4WD Full time ..... Part Time .....

1989 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer: P O R S C H E Engine Family: KPR 201 V6FC17

Liter (CID) : 3.3 (201) Engine Type : B 6

Emission Control Sys. (Special Features (MPFI) AIP/HOS/TWC (TC/IC)

| | |
|---|---|
| Engine Code | 930/68 |
| Vehicle Model | 911 Turbo |
| Dyno HP | 8.5 |
| Transm. Type | M-5 |
| Equiv. Test Weight | 3250 or 3375 |
| Ign. Syst. (ECU) | CA/VA/VR |
| Part No. | 0.237.302.045 |
| Fuel Syst. | MPFI |
| Part No. | 0 438 120 205 and 0 438 100 145 |
| EGR Valve Part No. | --- |
| Catalyst | TWC |
| Part No. | 930.113.235.00 or 930/3 |

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 and equipment. if two test weights are listed, the lower weight will be used for testing.