

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-24-32-1
Relating to Certification of New Motor Vehicles

AUTOMOBILES PEUGEOT

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 1987 model-year Automobiles Peugeot exhaust emission control systems are certified as described below for diesel-powered passenger cars:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
HPE2.5D5JVP5	152 (2.5)	Exhaust Gas Recirculation (Turbocharger) (Electronic Fuel Injection)

Vehicle models, transmissions and engine codes are listed on attachments.

The following are the emission standards for this engine family:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per mile</u>	<u>Particulates Grams per Mile</u>
0.46	8.3	1.0	0.2

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

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>	<u>Particulates Grams per Mile</u>
0.16	1.1	0.8	0.1

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 1981 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 Administrative Code, Section 1965) for the aforementioned model year.

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

This Executive Order rescinds Executive Order A-24-32, dated February 2, 1987.

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

Executed at El Monte, California this 23rd day of February, 1987.



K. D. Drachand, Chief
Mobile Source Division

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Automobiles PEUGEOT Engine Family HPE2.5D5JVP5
 Evaporative Family NA Engine Type L4
 Liters (CID) 2.5 (152)

ABBREVIATIONS

Ignition System

- CA-Centrifugal Advance
- EEC-Electronic Engine Control
- EI-Electronic Ignition
- ESAC-Electronic Spark Advance Control
- VA-Vacuum Advance
- VR-Vacuum Retard

Exhaust Emissions Control System

- AIP-Air Injection-Pump
- AIV-Air Injection-Valve
- CL-Closed Loop
- EGR-Exhaust Gas Recirculation
- EM-Engine Modification
- OC-Oxidation Catalyst System
- SPL-Smoke Puff Limiter or Throttle Delay
- TOC-Trap Oxidizer, Continual
- TOP-Trap Oxidizer, Periodical
- TR-Thermal Reactor
- TWC-Three-Way Catalyst System

Special Features

- CCV-Combustion Chamber Valve
- CFI-Central Fuel Injection
- DID-Diesel Injection-Direct
- DIP-Diesel Injection-Prechamber
- EFI-Electronic Fuel Injection
- IC-Intercooler or aftercooler
- MFI-Mechanical Fuel Injection
- TC-Turbocharger

Fuel System

- CFI, CL, DID, DIP, EFI, MFI
- nV-nVenturi Carburetor

VEHICLE MODELS: 505 SEDAN
 505 STATION WAGON

Engine: Front X Mid. _____ Rear _____
 Drive: FWD _____ RWD X 4WD Full Time _____ 4WD Part Time _____

19 87 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEETPassenger Cars Light-Duty Trucks _____ Medium-Duty Vehicles _____ Gas _____ Diesel Manufacturer Automobiles PEUGEOT Engine Family HPE2.5D5JVP5Liter (CID) 2.5 (152) Eng. Type L4Emission Control Sys. (Special Features) EGR - TC (EFI)

Engine Code	Vehicle Models (If Coded see attachment) (Dyno Hp)	Trans. Type	Equiv. Test Weight	Ign. System (ECU) Part No.	Fuel System VP-15 Bosch Part No.	EGR Valve Giot Part No.	Catalyst Part No.
2.5A4	505 SEDAN			NA	ECU 0281 000 030	15161A	NA
	10.3 HP	A4	3500				
	9.9 HP	A4	3500				
2	505 STATION WAG. 12.3 HP	A4	3750				

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.

Date of Issue _____ Revisions: _____