State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-24-25
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 1985 model-year Automobiles Peugeot exhaust emission control systems are certified as described below for diesel-powered passenger cars:

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
FPE2.5D6JAA4	141/152	(2.3/2.5)	Engine Modification Exhaust Gas Recirculation (Diesel Injection - Prechamber) (Turbocharger)

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

The following are the emission standards for this engine family to be listed on the window decal required by "California Assembly-Line Test Procedures for 1983 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles".

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per mile	Particulates Grams per Mile
0.46	8.3	1.0	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	Particulates Grams per Mile
0.27	1.3	0.9	0.3

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's 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 Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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 31st day of July, 1984.

K. D. Drachand, Chief
Mobile Source Division

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer: Automobiles Peugeot

Executive Order No.: A-24-25

Engine Family: FPE2.5D6JAA4

Evaporative Family: N/A

Engine CID (Liters): 152/141 (2.5/2,3)

ABBREVIATIONS

Ignition System

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

Fuel System

CFI, CL, DID, DIP, EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

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
TR-Thermal Reactor
TWC-Three-Way Catalyst System
EEGR-Electronic EGR

Special Features

CCV-Combustion Chamber Valve
CFI-Central Fuel Injection
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
EFI-Electronic Fuel Injection
MFI-Mechanical Fuel Injection
TC-Turbocharged

VEHICLE MODELS:

505 Turbodiesel Sedan
505 Turbodiesel Station Wagon

DRIVE SYSTEM: Front Engine/ Rear -Wheel Drive

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E.O. #A-24-25

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

X Passenger Cars __ Light-Duty Trucks __ Medium-Duty Vehicles __ Gas X Diesel

Manufacturer Automobiles Peugeot Page 2

Engine Family FPE2.5D6JAA4 Engine Code 50-state

ECS (Special Features) EEGR (DIP, TC) CID (Liter)-Type 152/141 (2.5/2.3) L4

Engine Code	Vehicle Models (If Coded see attachment) (Hp)	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
2.5M5 2.5M5+2	505 Sedan	M5	3500	N/A	Pump Bosch VE 4/9F 2075 R 180 Inj:DNOSD252 KCA 17S54	Guiot SA No. 15161A	VECI No. 9152 113980 Vac. Hose No. 9152 114080
2.5A3 2.5A3+2	505 Sedan	A3	3500		VE 4/9F 2125R180/1 Inj: DNOSD 252 KCA 17S54		
2.3AC.A3 2.[illegible].A3/AC	505 SW	A3	3750		VE/10F 2075R131 or 2075R131/1 Inj: DNOSD 260 KCA 17S54		

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.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - 07/25/84

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