

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-24-11
Relating to Certification of New Motor Vehicles

AUTOMOBILES PEUGEOT

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 Automobiles Peugeot exhaust emission control systems are certified as described below for 1981 model-year gasoline-powered passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
XN6	120.3 (2.0)	Air Injection - Pump Three Way Catalyst with Closed Loop (Mechanical Fuel Injection)

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 1981 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>
XN6	0.10	0.9	0.6

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 Administrative Code, 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 1981 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That Automobiles Peugeot has provided to the Executive Officer 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.

Executive Order A-12-11, dated September 15, 1980, is hereby rescinded.

Executed at El Monte, California this 30th day of September, 1980.


K. D. Drachand, Chief
Mobile Source Control Division

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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Engine Family XN6 Evaporative Family EV.XN6.SE

ABBREVIATIONS Engine CID (Liters) 120.3 (2.0)

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
 TR-Thermal Reactor
 TWC-Three Way Catalyst System

Special Features

CCV-Combustion Chamber Valve
 CFI-Central Fuel Injection
 DI-Diesel Injection
 EFI-Electronic Fuel Injection
 MFI-Mechanical Fuel Injection
 TC-Turbocharged

Fuel System

CFI, DI, EFI, MFI
 nV-nVenturi Carburetor
 VV-Variable Venturi

Vehicle Models

*505 Sedan

*Add 10% to dyno test Hp for air conditioning.

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

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Engine Family XN6

Engine Code -

ECS (Special Features) AI-P, TWC, CL (MFI)

CID (Liter)-

Type 120.3 (2.0) L4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System .VA, CA, EI Part No.	Fuel System MFI Part No.	EGR Valve Part No.	Label Ident. Part No.
XN6.M5	*505 Sedan	M5	3375	Distributor Ducellier M 118 AC Delco Module 12VDR512	Bosch Fuel Distributor 0438 040 - 096 Electronic Control Unit 0280 800 -026	n/a	See SDS pp 3 & 4
XN6.A3		A3					

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 -

VEHICLE EMISSION CONTROL INFORMATION



AUTOMOBILES PEUGEOT

1981 STANDARDS

CALIFORNIA FEDERAL	HC 0.41 g/mile	CO 2.09 g/mile	NOx 0.7 g/mile
ENGINE FAMILY	XN8		
EVAPORATIVE FAMILY	XN8		
ENGINE CODES	XN6A3 XN6M5		
DISPLACEMENT	120.3 CI		
EMISSION CONTROL SYSTEM	AIP-TWC-EGS		
ENGINE TUNE UP SPECIFICATIONS:			
SPARK PLUGS	WR7DS		
GAP	: 0.6 +0 mm	0.024"	+0
INITIAL TIMING ADVANCE	: 8° ± 2 BTDC (Distributor vacuum disconnected)		
IDLE SPEED	: 900 - 0 RPM		

CATALYST

- IDLE CO : See workshop manual
- FAST IDLE : 1500 - 0 RPM
- ADVERTISED HORSE POWER : 96 HP at 4900 RPM
- IDLE SPEED ADJUSTMENT PROCEDURE :
TRANSMISSION : NEUTRAL
- ENGINE NOT
- ALL ELECTRICAL ACCESSORIES OFF
- 1) RUN THE ENGINE ON ROAD AT 3000 RPM WITHOUT LOAD DURING 15 mn.
- 2) ACT ON THE PILOT SCREW TO GET AN ENGINE SPEED OF 900 ± 50 RPM.
- VALVE ADJUSTMENT
- ENGINE COLD (6 HOURS REST MINIMUM)
- INTAKE 0.10 + 0 mm 0.004 + 0 +0.002°
- EXHAUST 0.25 + 0 mm 0.010 + 0
- ADJUSTMENT PROCEDURE
- SEE WORKSHOP MANUAL

"THIS VEHICLE CONFORMS TO US E.P.A. AND CALIFORNIA AFB REGULATIONS APPLICABLE TO 1981 MODEL YEAR NEW MOTOR VEHICLES AT ELEVATIONS EQUAL TO OR LOWER THAN 1,219 METERS (4,000 Feet)".

157 - 551 AA6 - 551 AA4

ONLY 505 GASOLINE INJECTION MODEL

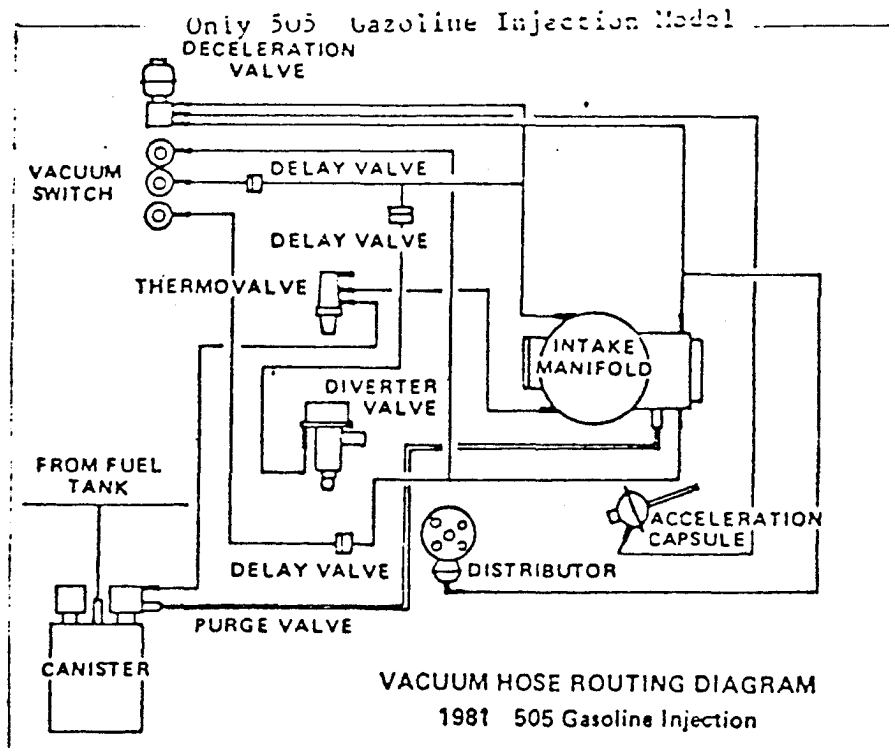
Location : on water radiator shroud

- Material plastic
- Fastening Method : Adhesives - will tear apart when removal is attempted.
- Color : text : white
- black ground : red

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Material : Plastic

Fastening Method : Adhesives - will tear apart when removal is attempted.

Color : text : white

black ground : red

Location: Water Radiator Shroud