PEUGEOT-TALBOT

106, 1.1i CAT

1991 to 1992

Haynes THE BOOK

Automotive Technical
DATA BOOK

Click on one of the buttons above to view data for this car. To return to this screen and make another choice, click anywhere on the data screen.

Engine and cooling system

		106, 1.1i CAT 1991 to 1992
Type		TU1M/Z (HDZ) 44kW
Capacity (cm³) / number of cylinders		1124 / 4
Compression ratio / pressure	bar	9.4 / _
Oil pressure	bar	1.5 [3.0]
Oil temperature	ºC	80
Valve clearance - inlet	mm	0.20
Valve clearance - exhaust	mm	0.40
Firing order		1-3-4-2
No 1 cylinder position		FE
Thermostat opening temperature	ºC	88
Radiator cap pressure	bar	1.4

Fuel system

		106, 1.1i CAT 1991 to 1992
Idle speed - manual [auto]	rpm	850±50 N/A
Fast idle speed - manual [auto]	rpm	1300±50 N/A
CO @ idle speed [3000 rpm] - see page VI	%	≤0.4 N/A
HC @ idle speed [3000 rpm] - see page VI	ppm	≤100
CO2 @ idle speed [3000 rpm] - see page VI	%	_
O2 @ idle speed [3000 rpm] - see page VI	%	_
Carburettor / fuel injection		Bosch
Type / ref		A2.2-Mono-Jetronic SPI
Main jet / needle		_
Injection pressure	bar	1.0 to 1.2
Pump pressure	bar	2.5
Octane rating	RON	95[U]

Ignition system

		106, 1.1i CAT 1991 to 1992
Type		AEI
Ignition coil		_
Primary resistance	ohms	0.7
Ballast resistor	ohms	_
Voltage - Tmnl 15(+) to earth	V	_
Distributor		Bosch
Points gap (air gap)	mm	_
Dwell angle	º (%)	_
Condenser capacity	µF	_
Rotation		Anticlockwise
Ignition timing - basic [static	º Crankshaft @ rpm	8 BTDC @ 900
V = Vacuum NV = No Vacuum		NV
Total ignition advance	º Crankshaft @ rpm	C061-D046
	º Crankshaft @ rpm	_
	º Crankshaft @ rpm	_
Centrifugal check.	º Crankshaft @ rpm	6 to 8 @ 1000
	º Crankshaft @ rpm	18 to 21 @ 1800
	º Crankshaft @ rpm	24 to 28 @ 4100
Vacuum range check	mbar	165 to 253
Maximum vacuum advance	º Crankshaft	12 to 16
Spark plugs		Eyquem
Type		RFC42LS
Electrode gap	mm	0.80

Electrical system

		106, 1.1i CAT 1991 to 1992
Battery	V / CC / RC	12 / 200 / 33Ah
Alternator voltage / full load current / engine rpm		13.8 to 14.8 / _ / 3000
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	_

Running gear

		106, 1.1i CAT 1991 to 1992
Brakes -		
Front (min. friction material thickness)	mm	1.0
Rear (min. friction material thickness)	mm	_
Tyres		
Saloon	Size	145/70x13: 155/70x13
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	2.1 / 2.1[1]
- Estate / Van	bar	_
Front suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [º]	-0.5±0.5 PW
Camber		-14'±30'
Castor		+2°15'±30'
King pin inclination		+12°50'±40'
Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [º]	+1.95±0.9 PW
Camber		-1°34'±30'

Torque wrench settings

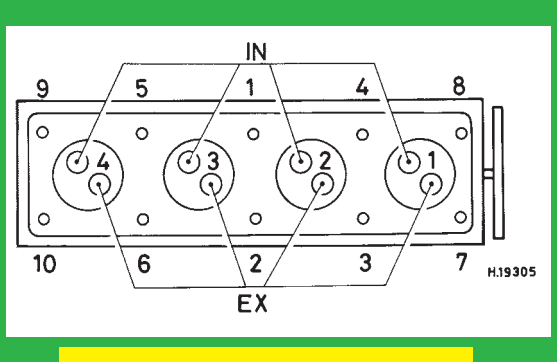
		106, 1.1i CAT 1991 to 1992
Cylinder head - stage 1	Nm	20
- stage 2	Nm	+ 240°
Cylinder head - stage 3	Nm	_
- stage 4	Nm	_
Big-end bearings	Nm	40
Main bearings	Nm	WSM
Clutch cover	Nm	15
Flywheel [driveplate]	Nm	60 LkC
Front hubs	Nm	250
Rear hubs	Nm	140
Wheel nuts / bolts	Nm	85
Spark plugs	Nm	28

Capacities

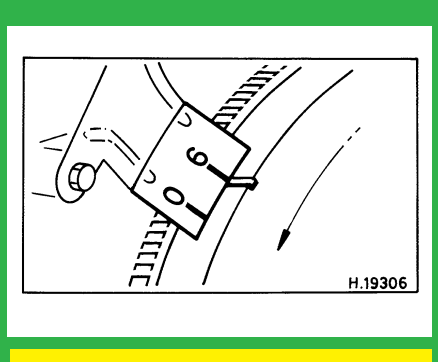
		106, 1.1i CAT 1991 to 1992
Engine oil & filter	litres	3.5
Gearbox - 4-speed [5-speed]	litres	2.0
Automatic transmission - refill	litres	_
Final drive	litres	WT
Cooling system	litres	6.0
Fuel tank	litres	45

Notes and Illustrations

[1]**155/70x13: 2.0 / 2.0**



1124 cm³, TU1



1124 cm³, TU1