PEUGEOT-TALBOT

106, 1.4i CAT

1993 to 1996

Haynes THE BOOK

Automotive Technical DATA BOOK

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Engine and cooling system

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Type		TU3MC/L (KDX) SOHC 8V 55kW
Capacity (cm³) / number of cylinders		1360 / 4
Compression ratio / pressure	bar	9.3 / _
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

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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	%	≤0.3 N/A
HC @ idle speed [3000 rpm] - see page VI	ppm	≤200
CO2 @ idle speed [3000 rpm] - see page VI	%	_
O2 @ idle speed [3000 rpm] - see page VI	%	_
Carburettor / fuel injection		Bosch
Type / ref		MA3.0 Mono-Motronic SPI
Main jet / needle		_
Injection pressure	bar	0.9 to 1.1
Pump pressure	bar	2.5
Octane rating	RON	95[U]

Ignition system

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Type		Static
Ignition coil		2xSagem. Bosch. 4 output
Primary resistance	ohms	0.8
Ballast resistor	ohms	_
Voltage - Tmnl 15(+) to earth	V	_
Distributor		_
Points gap (air gap)	mm	_
Dwell angle	º (%)	_
Condenser capacity	µF	_
Rotation		_
Ignition timing - basic [static	º Crankshaft @ rpm	6±3 BTDC @ 850±50 N/A
V = Vacuum NV = No Vacuum		_
Total ignition advance	º Crankshaft @ rpm	Computer control
	º Crankshaft @ rpm	_
	º Crankshaft @ rpm	_
Centrifugal check.	º Crankshaft @ rpm	Computer control
	º Crankshaft @ rpm	_
	º Crankshaft @ rpm	_
Vacuum range check	mbar	Computer control
Maximum vacuum advance	º Crankshaft	_
Spark plugs		Eyquem/Champion
Type		RFC52LS / RC9YCC[1]
Electrode gap	mm	0.80

Electrical system

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Battery	V / CC / RC	12 / 200 or 250 / 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

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Brakes -		
Front (min. friction material thickness)	mm	1.0
Rear (min. friction material thickness)	mm	_
Tyres		
Saloon	Size	155/70x13: 165/65x13
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	2.0 / 2.0
- Estate / Van	bar	_
Front suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [º]	+0.5±0.5 PW
Camber		-46'±30'
Castor		+2°15'±30' PAS: +3°17'
King pin inclination		+12°49'±40' PAS: +12°50'
Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [º]	+1.95±0.9 PW
Camber		-1°34'±30'

Torque wrench settings

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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	20 + 45°
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

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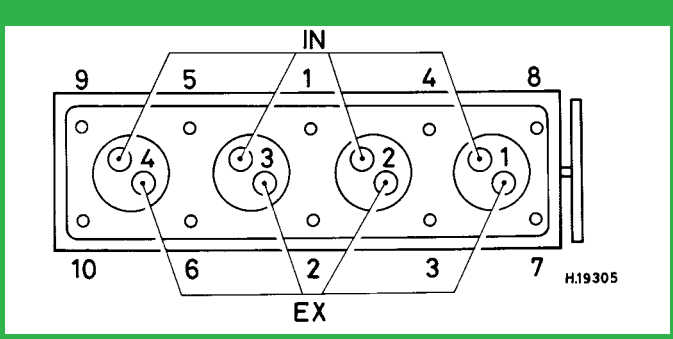
Engine oil & filter	litres	3.5
Gearbox - 4-speed [5-speed]	litres	2.0
Automatic transmission - refill	litres	_
Final drive	litres	WT
Cooling system	litres	6.0
Fuel tank	litres	45

Notes and Illustrations

[1]**96 ▶: Bosch FR7LDC**



1360 cm³, TU3