

PEUGEOT-TALBOT

106 1.6i (MPI)

1994 to 1996

Engine & Cooling

Fuel

Ignition

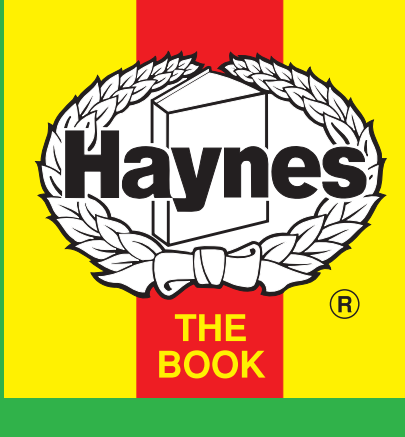
Electrical

Running gear

Torque settings

Capacities

Notes & Illustrations



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.

MENU

HELP

Engine and cooling system

106 1.6i (MPI)

1994 to 1996

Type	TU5J2/L(NFY) SOHC 8V 76kW	
Capacity (cm³) / number of cylinders	1587 / 4	
Compression ratio / pressure	bar	9.6
Oil pressure	bar	1.0 [4.0]
Oil temperature	°C	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	°C	89 to 99
Radiator cap pressure	bar	1.4

Fuel system

106 1.6i (MPI)

1994 to 1996

Idle speed - manual [auto]	rpm	850±50
Fast idle speed - manual [auto]	rpm	—
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	—	
Type / ref	MPI	
Main jet / needle	—	
Injection pressure	bar	—
Pump pressure	bar	—
Octane rating	RON	95[U]

Ignition system

106 1.6i (MPI)

1994 to 1996

Type	Electronic	
Ignition coil	—	
Primary resistance	ohms	—
Ballast resistor	ohms	—
Voltage - Tmnl 15(+) to earth	V	—
Distributor	—	
Points gap (air gap)	mm	—
Dwell angle	° (%)	—
Condenser capacity	µF	—
Rotation	—	
Ignition timing - basic [static	° Crankshaft @ rpm	N/A
V = Vacuum NV = No Vacuum	—	
Total ignition advance	° Crankshaft @ rpm	Computer control
	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
Centrifugal check.	° Crankshaft @ rpm	Computer control
	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
Vacuum range check	mbar	Computer control
Maximum vacuum advance	° Crankshaft	—
Spark plugs	Bosch/Champion	
Type	RC7BMC. 96 ►: FR6KDC	
Electrode gap	mm	—

Electrical system

106 1.6i (MPI)

1994 to 1996

Battery	V / CC / RC	12 / 250 / _
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 1.6i (MPI)

1994 to 1996

Brakes -		
Front (min. friction material thickness)	mm	1.0
Rear (min. friction material thickness)	mm	—

Tyres		
Saloon	Size	175/60x14
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	2.0 / 2.0
- Estate / Van	bar	—

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	+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 [°]	+1.95±0.9 PW
Camber	-1°34'±30'	

Torque wrench settings

106 1.6i (MPI)

1994 to 1996

Cylinder head - stage 1	Nm	20
- stage 2	Nm	+120°
Cylinder head - stage 3	Nm	+120°
- 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

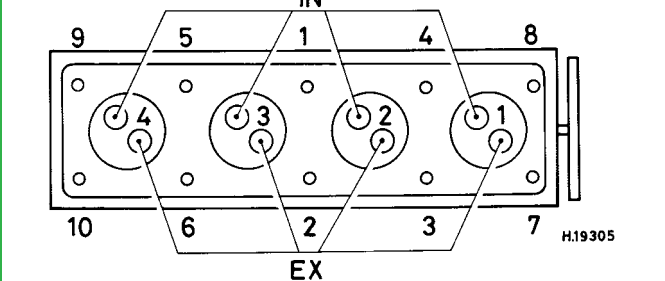
Capacities

106 1.6i (MPI)

1994 to 1996

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



1587 cm³, TU5 8V