

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 16V

1996 to 1997

Type	TU5JP4/L3 (NFX) 87kW	
Capacity (cm³) / number of cylinders	1587 / 4	
Compression ratio / pressure	bar	
Oil pressure	bar	
Oil temperature	°C	
Valve clearance - inlet	mm	
Valve clearance - exhaust	mm	
Firing order	1-3-4-2	
No 1 cylinder position	FE	
Thermostat opening temperature	°C	
Radiator cap pressure	bar	

Fuel system

106, 1.6i 16V

1996 to 1997

Idle speed - manual [auto]	rpm	—
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	%	≥10.0
O2 @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection	—	
Type / ref		
Main jet / needle	—	
Injection pressure	bar	
Pump pressure	bar	—
Octane rating	RON	95[U]

Ignition system

106, 1.6i 16V

1996 to 1997

Type	—	
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	Computer control 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	/_/_	
Type		
Electrode gap	mm	

Electrical system

106, 1.6i 16V

1996 to 1997

Battery	V / CC / RC	—
Alternator voltage / full load current / engine rpm	—	
Starter motor current / voltage - cranking	A / V	—
- locked	A / V	—

Running gear

106, 1.6i 16V

1996 to 1997

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

Tyres		
Saloon	Size	185/55x14
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	Refer to vehicle
- Estate / Van	bar	—

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	—
Camber	—	
Castor	—	
King pin inclination	—	

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	—
Camber	—	

Torque wrench settings

106, 1.6i 16V

1996 to 1997

Cylinder head - stage 1	Nm	—
- stage 2	Nm	—
Cylinder head - stage 3	Nm	—
- stage 4	Nm	—
Big-end bearings	Nm	—
Main bearings	Nm	—
Clutch cover	Nm	—
Flywheel [driveplate]	Nm	—
Front hubs	Nm	250
Rear hubs	Nm	—
Wheel nuts / bolts	Nm	85
Spark plugs	Nm	25

Capacities

106, 1.6i 16V

1996 to 1997

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

Notes and Illustrations

