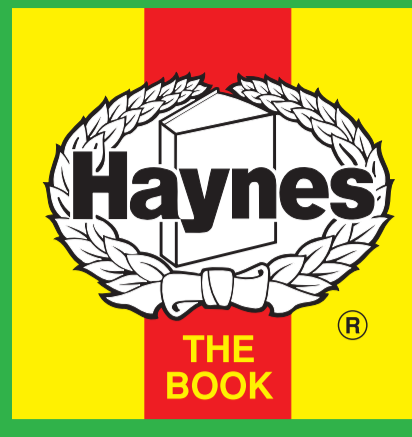


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
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# Automotive Technical DATA BOOK

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.

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HELP

### Engine and cooling system Transit & Tourneo 2.0i 1994 to 1997

Type		NSG/NSF DOHC 8V 84kW
Capacity (cm <sup>3</sup> ) / number of cylinders		1998 / 4
Compression ratio / pressure	bar	9.8 / 11.0 to 13.0
Oil pressure	bar	1.6 [3.1 @ 2000rpm]
Oil temperature	°C	80
Valve clearance - inlet	mm	0: Hyd.
Valve clearance - exhaust	mm	0: Hyd.
Firing order		1-3-4-2
No 1 cylinder position		TCE
Thermostat opening temperature	°C	—
Radiator cap pressure	bar	See cap

### Fuel system Transit & Tourneo 2.0i 1994 to 1997

Idle speed - manual [auto]	rpm	850±50 N/A
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	≤0.5
HC @ idle speed [3000 rpm] - see page VI	ppm	≤200
CO <sub>2</sub> @ idle speed [3000 rpm] - see page VI	%	—
O <sub>2</sub> @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection		_Ford
Type / ref		EEC V SEFI
Main jet / needle		—
Injection pressure	bar	—
Pump pressure	bar	—
Octane rating	RON	95[U]

### Ignition system Transit & Tourneo 2.0i 1994 to 1997

Type		EEC V
Ignition coil		Ford
Primary resistance	ohms	0.40 to 0.60
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		Motorcraft
Type		AGPR12P
Electrode gap	mm	0.75

### Electrical system Transit & Tourneo 2.0i 1994 to 1997

Battery	V / CC / RC	—
Alternator voltage / full load current / engine rpm		13.7 to 14.6 / 90 / _
Starter motor current / voltage - cranking	A / V	—
- locked	A / V	—

### Running gear Transit & Tourneo 2.0i 1994 to 1997

<b>Brakes -</b>		
Front (min. friction material thickness)	mm	—
Rear (min. friction material thickness)	mm	1.0

<b>Tyres</b>		
Saloon	Size	—
Estate / Van	Size	185x14: 195x14: 215/70x15 <sup>1</sup>
Pressure - front / rear - Saloon	bar	—
- Estate / Van	bar	Refer to vehicle

### Front suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	0±1.0
Camber		-52' to +1°8'
Castor		+1°9' to 4°9'
King pin inclination		—

### Rear suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	—
Camber		—

### Torque wrench settings Transit & Tourneo 2.0i 1994 to 1997

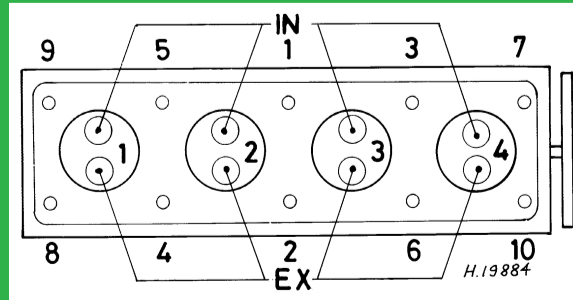
Cylinder head - stage 1	Nm	40
- stage 2	Nm	55
Cylinder head - stage 3	Nm	+ 90°
- stage 4	Nm	+ 90°
Big-end bearings	Nm	7, 16, + 90°
Main bearings	Nm	104
Clutch cover	Nm	30
Flywheel [driveplate]	Nm	87
Front hubs	Nm	WSM
Rear hubs	Nm	WSM
Wheel nuts / bolts	Nm	85. 6 stud: 168
Spark plugs	Nm	18

### Capacities Transit & Tourneo 2.0i 1994 to 1997

Engine oil & filter	litres	4.5
Gearbox - 4-speed [5-speed]	litres	1.25
Automatic transmission - refill	litres	—
Final drive	litres	1.72. Type 34: 2.70
Cooling system	litres	7.9
Fuel tank	litres	68

### Notes and Illustrations

<sup>1</sup>Also 225/70x15



1998 cm<sup>3</sup>, DOHC 8V