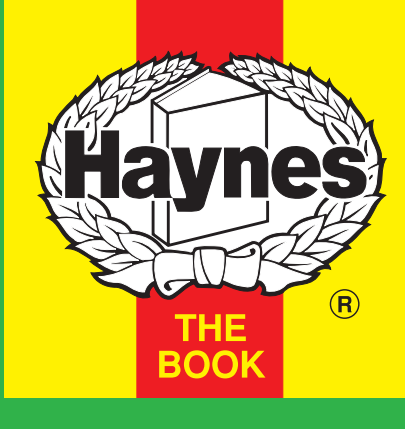


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
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Automotive Technical
DATA BOOK

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.

MENU	HELP
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Engine and cooling system121, 1.25 16V1996 to 1997

Type	Zetec SE DHA 16V 55kW	
Capacity (cm³) / number of cylinders	1242 / 4	
Compression ratio / pressure	bar	10.1 / _
Oil pressure	bar	≥1.4 [3.0]
Oil temperature	°C	80
Valve clearance - inlet	mm	0.17 to 0.23
Valve clearance - exhaust	mm	0.27 to 0.33
Firing order	1-3-4-2	
No 1 cylinder position	TBE	
Thermostat opening temperature	°C	85 to 89
Radiator cap pressure	bar	1.20

Fuel system121, 1.25 16V1996 to 1997

Idle speed - manual [auto]	rpm	800 N/A
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	≤0.3
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	_ Ford	
Type / ref	EEC V SEFI	
Main jet / needle	_	
Injection pressure	bar	2.7
Pump pressure	bar	_
Octane rating	RON	95[U]

Ignition system121, 1.25 16V1996 to 1997

Type	EEC V	
Ignition coil	_	
Primary resistance	ohms	0.4 to 0.6
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	_/Champion	
Type	RE7YCC	
Electrode gap	mm	1.00

Electrical system121, 1.25 16V1996 to 1997

Battery	V / CC / RC	_
Alternator voltage / full load current / engine rpm	13.7 to 14.6 / 55, 70, 90 / _	
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	_

Running gear121, 1.25 16V1996 to 1997

Brakes -		
Front (min. friction material thickness)	mm	1.5
Rear (min. friction material thickness)	mm	1.0

Tyres		
Saloon	Size	165/70x13
Estate / Van	Size	
Pressure - front / rear - Saloon	bar	2.1 / 1.8
- Estate / Van	bar	

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	0±1.0
Camber	44' to -2°44'.PAS: 47' to -2°1	
Castor	1°20'±1°15'. PAS: 2°14'±1°15'	
King pin inclination	_	

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	+0.3 to 4.3
Camber	-30' to -2°	

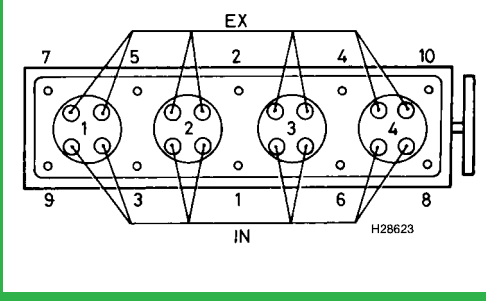
Torque wrench settings121, 1.25 16V1996 to 1997

Cylinder head - stage 1	Nm	15
- stage 2	Nm	30
Cylinder head - stage 3	Nm	+90°
- stage 4	Nm	_
Big-end bearings	Nm	8 + 90°
Main bearings	Nm	WSM
Clutch cover	Nm	30
Flywheel [driveplate]	Nm	85
Front hubs	Nm	270
Rear hubs	Nm	270
Wheel nuts / bolts	Nm	85
Spark plugs	Nm	15

Capacities121, 1.25 16V1996 to 1997

Engine oil & filter	litres	4.0
Gearbox - 4-speed [5-speed]	litres	2.6
Automatic transmission - refill	litres	4.2
Final drive	litres	WT
Cooling system	litres	7.1
Fuel tank	litres	42

Notes and Illustrations



1242 cm³, 16V