

Engine & Cooling

Fuel

Ignition

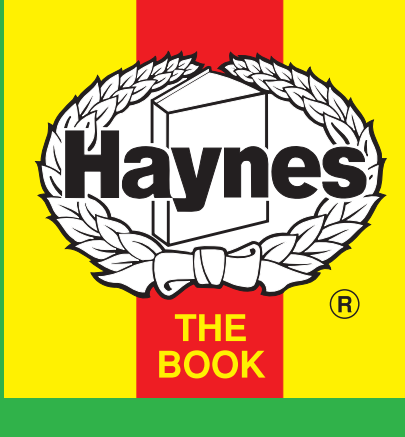
Electrical

Running gear

Torque settings

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Notes & Illustrations



Automotive Technical
DATA BOOK

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Engine and cooling system121, 1.3 8V1996 to 1997

Type	Endura-E JJA OHV 44kW	
Capacity (cm³) / number of cylinders	1297 / 4	
Compression ratio / pressure	bar	9.5 / 13.0 to 16.0
Oil pressure	bar	≥0.6 [1.5]
Oil temperature	°C	80
Valve clearance - inlet	mm	0.20
Valve clearance - exhaust	mm	0.30
Firing order	1-2-4-3	
No 1 cylinder position	TCE	
Thermostat opening temperature	°C	85 to 89
Radiator cap pressure	bar	1.20

Fuel system121, 1.3 8V1996 to 1997

Idle speed - manual [auto]	rpm	750±50 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, 1.3 8V1996 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 V = Vacuum NV = No Vacuum	° Crankshaft @ rpm	Computer control N/A
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	RS9YCC	
Electrode gap	mm	0.80

Electrical system121, 1.3 8V1996 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, 1.3 8V1996 to 1997

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

Tyres		
Saloon	Size	155/70x13: 165/70x13
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	2.4 / 1.8. 165/70: 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°	

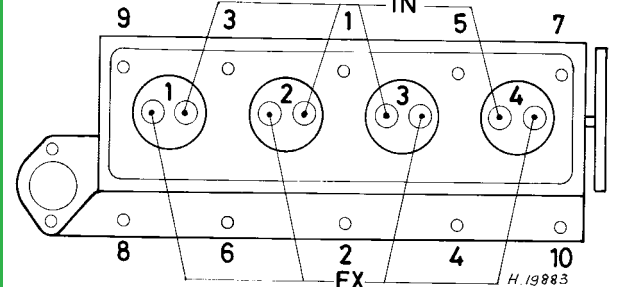
Torque wrench settings121, 1.3 8V1996 to 1997

Cylinder head - stage 1	Nm	30, Re-use once
- stage 2	Nm	+90°
Cylinder head - stage 3	Nm	+90°
- stage 4	Nm	—
Big-end bearings	Nm	4 + 90° N
Main bearings	Nm	95 N
Clutch cover	Nm	30
Flywheel [driveplate]	Nm	67
Front hubs	Nm	270
Rear hubs	Nm	270
Wheel nuts / bolts	Nm	85
Spark plugs	Nm	17

Capacities121, 1.3 8V1996 to 1997

Engine oil & filter	litres	3.25
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



1297 cm³, 8V