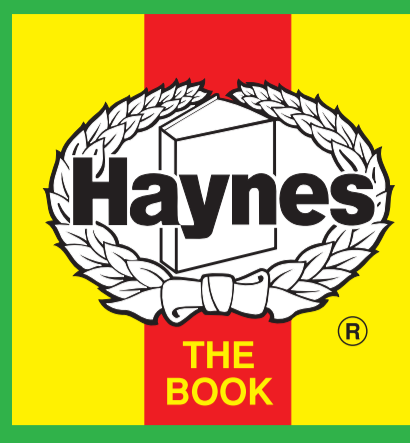


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
------------------	------	----------	------------	--------------	-----------------	------------	-----------------------



# 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 Mondeo 2.5i 24V    1996 to 1997

Type	SEA Duratec VE 125kW EEC96	
Capacity (cm <sup>3</sup> ) / number of cylinders	2544 / 6	
Compression ratio / pressure	bar	9.7 / 9.0 to 15.0
Oil pressure	bar	0.5 [3.0 to 3.5 @ 3000rpm]
Oil temperature	°C	80
Valve clearance - inlet	mm	0: Hyd.
Valve clearance - exhaust	mm	0: Hyd.
Firing order	1-4-2-5-3-6	
No 1 cylinder position	-	
Thermostat opening temperature	°C	-
Radiator cap pressure	bar	On cap

### Fuel system Mondeo 2.5i 24V    1996 to 1997

Idle speed - manual [auto]	rpm	725 N/A
Fast idle speed - manual [auto]	rpm	-
CO @ idle speed [3000 rpm] - see page VI	%	-
HC @ idle speed [3000 rpm] - see page VI	ppm	-
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 Mondeo 2.5i 24V    1996 to 1997

Type	EEC V	
Ignition coil	-	
Primary resistance	ohms	-
Ballast resistor	ohms	-
Voltage - Tmnl 15(+) to earth	V	-
Distributor	-	
Points gap (air gap)	mm	-
Dwell angle	° (%)	N/A
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
Centrifugal check.	° Crankshaft @ rpm	Computer control
Vacuum range check	mbar	Computer control
Maximum vacuum advance	° Crankshaft	-
Spark plugs	_/Champion	
Type	RC9YCC4	
Electrode gap	mm	1.00

### Electrical system Mondeo 2.5i 24V    1996 to 1997

Battery	V / CC / RC	-
Alternator voltage / full load current / engine rpm	14.8 / 90, 95 / _	
Starter motor current / voltage - cranking	A / V	-
- locked	A / V	-

### Running gear Mondeo 2.5i 24V    1996 to 1997

<b>Brakes -</b>		
Front (min. friction material thickness)	mm	-
Rear (min. friction material thickness)	mm	-
<b>Tyres</b>		
Saloon	Size	195/60x15: 205/55x15
Estate / Van	Size	-
Pressure - front / rear - Saloon	bar	2.1 / 2.1
- Estate / Van	bar	-
<b>Front suspension / wheel alignment</b>		
Toe-in (+) / Toe-out (-)	mm [°]	- 0°20' ± 10'
Camber		-35'±1°15'
Castor		2°21'±1°15'
King pin inclination	-	
<b>Rear suspension / wheel alignment</b>		
Toe-in (+) / Toe-out (-)	mm [°]	+ 0°18' ± 12'
Camber		-37'±1°

### Torque wrench settings Mondeo 2.5i 24V    1996 to 1997

Cylinder head - stage 1	Nm	40
- stage 2	Nm	+ 90°, loosen
Cylinder head - stage 3	Nm	40
- stage 4	Nm	+ 90°, + 90°
Big-end bearings	Nm	23, then 43 + 90° N
Main bearings	Nm	40, + 90° WSM
Clutch cover	Nm	30
Flywheel [driveplate]	Nm	80
Front hubs	Nm	340
Rear hubs	Nm	340
Wheel nuts / bolts	Nm	85
Spark plugs	Nm	14

### Capacities Mondeo 2.5i 24V    1996 to 1997

Engine oil & filter	litres	5.5
Gearbox - 4-speed [5-speed]	litres	2.0
Automatic transmission - refill	litres	9.7
Final drive	litres	WT
Cooling system	litres	7.5
Fuel tank	litres	61.5

### Notes and Illustrations

