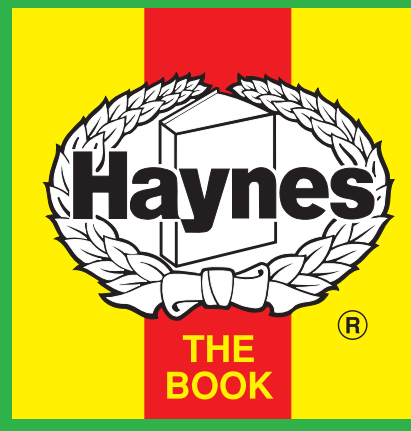


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
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Automotive Technical DATA BOOK

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 Colt 1.6 1996 to 1997

Type	4G92 SOHC 16V	
Capacity (cm ³) / number of cylinders	1597 / 4	
Compression ratio / pressure	bar	10.0 / ≥10.8
Oil pressure	bar	–
Oil temperature	°C	–
Valve clearance - inlet	mm	H: 0.20
Valve clearance - exhaust	mm	H: 0.30
Firing order	1-3-4-2	
No 1 cylinder position	TBE	
Thermostat opening temperature	°C	82
Radiator cap pressure	bar	0.74 to 1.03

Fuel system Colt 1.6 1996 to 1997

Idle speed - manual [auto]	rpm	700±100 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 ₂ @ idle speed [3000 rpm] - see page VI	%	–
O ₂ @ idle speed [3000 rpm] - see page VI	%	–
Carburettor / fuel injection	_Mitsubishi	
Type / ref	SEFI	
Main jet / needle	–	
Injection pressure	bar	2.6
Pump pressure	bar	3.2
Octane rating	RON	95[U]

Ignition system Colt 1.6 1996 to 1997

Type	DIS	
Ignition coil	2 x Twin output	
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 V = Vacuum NV = No Vacuum]	° Crankshaft @ rpm	5°±3° BTDC 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	NGK/Nippon Denso	
Type	BKR6E-11 / K20PRU11	
Electrode gap	mm	1.10

Electrical system Colt 1.6 1996 to 1997

Battery	V / CC / RC	–
Alternator voltage / full load current / engine rpm	14.6 / 80A	
Starter motor current / voltage - cranking	A / V	–
- locked	A / V	–

Running gear Colt 1.6 1996 to 1997

Brakes -		
Front (min. friction material thickness)	mm	2.0
Rear (min. friction material thickness)	mm	1.0

Tyres		
Saloon	Size	175/70x13
Estate / Van	Size	–
Pressure - front / rear - Saloon	bar	Refer to vehicle
- Estate / Van	bar	–

Front suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	0.0±3.0
Camber	0°00'±30'	
Castor	2°51'±30'	
King pin inclination	12°52'	

Rear suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	3.0±2.0
Camber	-0°40'±30'	

Torque wrench settings Colt 1.6 1996 to 1997

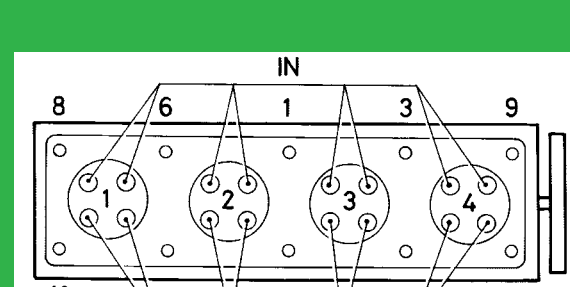
Cylinder head - stage 1	Nm	74 oiled ¹
- stage 2	Nm	Slacken
Cylinder head - stage 3	Nm	20 +90°
- stage 4	Nm	+90°
Big-end bearings	Nm	20 +90°
Main bearings	Nm	25 +90°
Clutch cover	Nm	15 to 22
Flywheel [driveplate]	Nm	93 to 103
Front hubs	Nm	216 to 255 N
Rear hubs	Nm	172 N
Wheel nuts / bolts	Nm	98
Spark plugs	Nm	20 to 30

Capacities Colt 1.6 1996 to 1997

Engine oil & filter	litres	3.8
Gearbox - 4-speed [5-speed]	litres	2.1
Automatic transmission - refill	litres	7.8
Final drive	litres	WT
Cooling system	litres	6.0
Fuel tank	litres	–

Notes and Illustrations

¹Bolt shank length: ≤96.4 mm



1597 cm³