Haynes THE BOOK

Automotive Technical DATA BOOK

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Engine and cooling system

Colt 1.6 1996 to 1997

Type		4G92 SOHC 16V
Capacity (cm³) / number of cylinders		1597 / 4
Compression ratio / pressure	bar	10.0 / ≥10.8
Oil pressure	bar	_
Oil temperature	ºC	_
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	ºC	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
CO2 @ idle speed [3000 rpm] - see page VI	%	_
O2 @ 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	º (%)	_
Condenser capacity	µF	_
Rotation		_
Ignition timing - basic [static	º Crankshaft @ rpm	5°±3° BTDC N/A
V = Vacuum NV = No Vacuum		_
Total ignition advance	º Crankshaft @ rpm	Computer control
	º Crankshaft @ rpm	_
	º Crankshaft @ rpm	_
Centrifugal check.	º Crankshaft @ rpm	Computer control
	º Crankshaft @ rpm	_
	º Crankshaft @ rpm	_
Vacuum range check	mbar	Computer control
Maximum vacuum advance	º 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 [º]	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 [º]	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

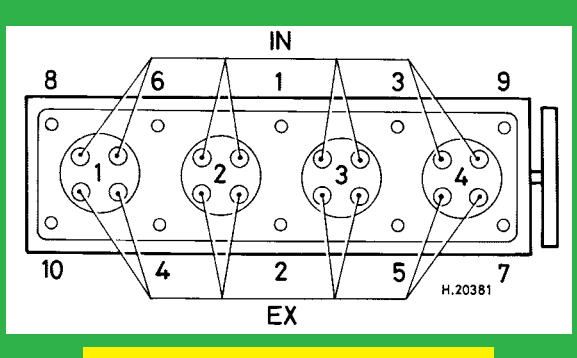
Capacities

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

[1]**Bolt shank length: ≤96.4 mm**



1597 cm³