

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

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HELP

Engine and cooling system Colt 1600 Turbo 1984 to 1988

Type		4G32T
Capacity (cm ³) / number of cylinders		1597 / 4
Compression ratio / pressure	bar	8.5 / _
Oil pressure	bar	1.5 [3.5]
Oil temperature	°C	80
Valve clearance - inlet	mm	0.15 H
Valve clearance - exhaust	mm	0.25 H
Firing order		1-3-4-2
No 1 cylinder position		TBE
Thermostat opening temperature	°C	88
Radiator cap pressure	bar	0.6

Fuel system Colt 1600 Turbo 1984 to 1988

Idle speed - manual [auto]	rpm	800±50 N/A
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	2.5±0.5
HC @ idle speed [3000 rpm] - see page VI	ppm	≤1200
CO ₂ @ idle speed [3000 rpm] - see page VI	%	_
O ₂ @ idle speed [3000 rpm] - see page VI	%	_
Carburettor / fuel injection		Mikuni
Type / ref		Electronic + Turbo
Main jet / needle		_
Injection pressure	bar	_
Pump pressure	bar	2.5
Octane rating	RON	98[L]

Ignition system Colt 1600 Turbo 1984 to 1988

Type		Electronic
Ignition coil		LB119
Primary resistance	ohms	1.2±0.1
Ballast resistor	ohms	_
Voltage - Tmnl 15(+) to earth	V	_
Distributor		Mitsubishi
Points gap (air gap)	mm	[0.80]
Dwell angle	° (%)	_
Condenser capacity	µF	_
Rotation		Clockwise
Ignition timing - basic [static	° Crankshaft @ rpm	8±2 BTDC @ 750
V = Vacuum NV = No Vacuum		NV
Total ignition advance	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	_
Centrifugal check.	° Crankshaft @ rpm	0 @ 1000
	° Crankshaft @ rpm	26 @ 4500
	° Crankshaft @ rpm	_
Vacuum range check	mbar	107 to 480
Maximum vacuum advance	° Crankshaft	15
Spark plugs		NGK/Champion
Type		BPR7ES / RN7YC
Electrode gap	mm	0.70 to 0.80

Electrical system Colt 1600 Turbo 1984 to 1988

Battery	V / CC / RC	12 / 55 or 65Ah
Alternator voltage / full load current / engine rpm		14.4 to 15.0 / _ / 3000
Starter motor current / voltage - cranking	A / V	60 / 11.5 (no load)
- locked	A / V	_

Running gear Colt 1600 Turbo 1984 to 1988

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

Tyres		
Saloon	Size	185/60x14
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	1.8 / 1.8
- Estate / Van	bar	_

Front suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	0±1.5
Camber		0±30'
Castor		+43'±30'
King pin inclination		_

Rear suspension / wheel alignment

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

Torque wrench settings Colt 1600 Turbo 1984 to 1988

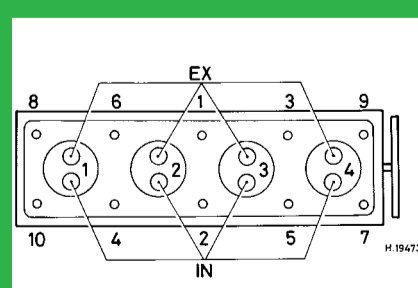
Cylinder head - stage 1	Nm	35
- stage 2	Nm	70 to 75 C
Cylinder head - stage 3	Nm	80 to 85 H
- stage 4	Nm	_
Big-end bearings	Nm	32 to 35
Main bearings	Nm	50 to 55
Clutch cover	Nm	15 to 21
Flywheel [driveplate]	Nm	130 to 140
Front hubs	Nm	118 to 177
Rear hubs	Nm	WSM
Wheel nuts / bolts	Nm	Steel: 75. Alloy: 90
Spark plugs	Nm	20 to 29

Capacities Colt 1600 Turbo 1984 to 1988

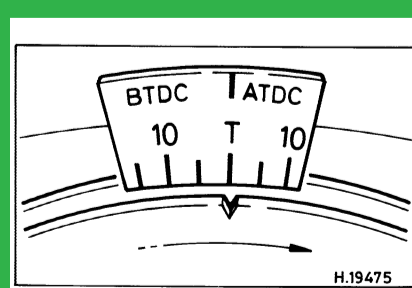
Engine oil & filter	litres	4.0
Gearbox - 4-speed [5-speed]	litres	2.3
Automatic transmission - refill	litres	_
Final drive	litres	WT
Cooling system	litres	5.0
Fuel tank	litres	45

Notes and Illustrations

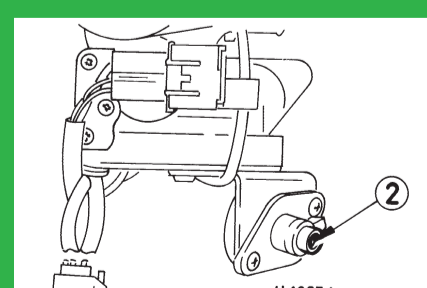
1: Idle speed 2: CO / Mixture



1597 cm³, 8V



1597 cm³



EFi