

Capacity (cm ³) / number of cylinders		1332 / 4
Compression ratio / pressure	bar	9.8 / ≥9.8
Oil pressure	bar	0.3 [2.5 to 4.9]
Oil temperature	°C	80
Valve clearance - inlet	mm	0.15 to 0.25
- exhaust	mm	0.31 to 0.41
Firing order		1-3-4-2
No 1 cylinder position		TBE
Thermostat opening temperature	°C	80 to 84
Radiator cap pressure	bar	0.74 to 1.03

Idle speed - manual [auto]	rpm	700±50
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	≤0.3 N/A
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		Toyota
Type / ref		MPI (D-Jetronic) TCCS
Main jet / needle		
Injection pressure	bar	— 2.3 to 2.6
Pump pressure	bar	2.81 to 2.87
Octane rating	RON	95[U]

Type		TCCS - IIA
Ignition coil		
Primary resistance	ohms	1.11 to 1.75
Ballast resistor	ohms	—
Voltage - Tmnl 15(+) to earth	V	12.0
Distributor		Toyo Denso
Points gap (air gap)	mm	[0.20 to 0.40]
Dwell angle	° (%)	—
Condenser capacity	μF	—
Rotation		Anticlockwise
Ignition timing - basic [static	° Crankshaft @ rpm	10 BTDC @ 700±50 ¹
V = Vacuum NV = No Vacuum		NV
Total ignition advance	° Crankshaft @ rpm	6 to 18 BTDC @ 700±50
	° 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
Type		BKR6EYA
Electrode gap	mm	0.80

Battery	V / CC / RC	12 / 50Ah
Alternator voltage / full load current / engine rpm		13.9 to 15.1 / 70 / 2000
Starter motor current / voltage - cranking	A / V	90 / 11.5
- locked	A / V	

Running gear		Corolla 1.3i CAT (EE101)	1992 to 1997
Brakes -			
Front (min. friction material thickness)	mm	1.0	
Rear (min. friction material thickness)	mm	1.0	

Saloon	Size	163/70x15. 175/65x14
Estate / Van	Size	175/65x14
Pressure - front / rear - Saloon	bar	2.5 / 2.5
- Estate / Van	bar	2.5 / 2.5

Toe-in (+) / Toe-out (-)	mm [°]	+1.0±1.0
Camber		-13'±45'
Castor		+1°24'±45'
King pin inclination		+12°41'±45'

Toe-in (+) / Toe-out (-)	mm [-]	+3.0±2.0
Camber		-55'±45'

Torque wrench settings		Corolla 1.5i CAT (EE101)	1992 to 1997
Cylinder head - stage 1	Nm	20	
- stage 2	Nm	44	
- stage 3	Nm	+ 90°	

Big-end bearings	Nm	39
Main bearings	Nm	57
Clutch cover	Nm	19
Flywheel [driveplate]	Nm	88

Rear hubs	Nm	125 N. Estate, WSM
Wheel nuts / bolts	Nm	103
Spark plugs	Nm	18

Consumables		Vehicle 1st CAT (2010)	2001 to 2007
Engine oil & filter	litres	3.2	
Gearbox - 4-speed [5-speed]	litres	2.4	
Automatic transmission - refill	litres	2.5	

Cooling system	litres	4.0: A/I. 4.7: A/C. 5.1
Fuel tank	litres	50

Notes and Illustrations

10. *Journal of the American Medical Association*, 2000; 284: 2689-2695.

1: Idle speed 2: CO / Mixture

1332 cm³

1332 cm³

Toyota MPi (D-Jetronic)