

Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustration
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HELP

Engine and cooling system

Capacity (cm ³) / number of cylinders		1275 / 4
Compression ratio / pressure	bar	9.4 / _
Oil pressure	bar	1.0 [4.1]
Oil temperature	°C	_
Valve clearance - inlet	mm	0.30 to 0.35
Valve clearance - exhaust	mm	0.35 to 0.41
Firing order		1-3-4-2
No 1 cylinder position		TCE
Thermostat opening temperature	°C	88
Radiator cap pressure	bar	1.04

Fuel system

Idle speed - manual [auto]	rpm	880±50
Fast idle speed - manual [auto]	rpm	1050 to 1150
CO @ idle speed [3000 rpm] - see page VI	%	0.5 to 2.5
HC @ idle speed [3000 rpm] - see page VI	ppm	≤1200
CO2 @ idle speed [3000 rpm] - see page VI	%	—
O2 @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection		SU
Type / ref		HIF44 FZX 1435 (sealed)
Main jet / needle		0.100 / BDD
Injection pressure	bar	—
Pump pressure	bar	—
Octane rating	RON	97[L]

Ignition system

Type			Electronic
Ignition coil			Unipart GCL 143
Primary resistance	ohms		0.78±0.08
Ballast resistor	ohms		—
Voltage - Tmnl 15(+) to earth	V		—
Distributor			Lucas
Points gap (air gap)	mm		[0.20±0.05]
Dwell angle	° (%)		—
Condenser capacity	μF		—
Rotation			Anticlockwise
Ignition timing - basic [static	° Crankshaft @ rpm		9 to 10 BTDC @ 1500
V = Vacuum NV = No Vacuum			NV
Total ignition advance	° Crankshaft @ rpm		—
	° Crankshaft @ rpm		—
	° Crankshaft @ rpm		—
Centrifugal check.	° Crankshaft @ rpm		8.8 to 13.5 @ 2360
	° Crankshaft @ rpm		11 to 15.5 @ 2880
	° Crankshaft @ rpm		15 to 19.5 @ 5600
Vacuum range check	mbar		20 to 213
Maximum vacuum advance	° Crankshaft		22 to 26
Spark plugs			Unipart/Champion
Type			GSP4452 / RN7YC
Electrode gap	mm		0.85

Electrical system

Battery	V / CC / RC	12 / 30,40Ah
Alternator voltage / full load current / engine rpm		13.6 to 14.4 / _ / 3000
Starter motor current / voltage - cranking	A / V	50 / 12
- locked	A / V	360 / 7.0

Running gear

Brakes -

Front (min. friction material thickness)	mm	3.0
Rear (min. friction material thickness)	mm	3.0

Tyres

Saloon	Size	165/60x13
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	2.0 / 2.0
- Estate / Van	bar	

Front suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	-4.7 to -6.3
Camber		-1°30'
Castor		+3°±1°
King pin inclination		-

Rear suspension / wheel alignment

10e-in (+) / 10e-out (-)	mm [-]	+5.2
Camber		+1°+1°30'-30'

Torque wrench settings

Cylinder head - stage 1	Nm	38
- stage 2	Nm	75
Cylinder head - stage 3	Nm	—
- stage 4	Nm	—
Big-end bearings	Nm	45
Main bearings	Nm	85
Clutch cover	Nm	25
Flywheel [driveplate]	Nm	Centre bolt: 152
Front hubs	Nm	2 hole shaft: 203 ¹
Rear hubs	Nm	81
Wheel nuts / bolts	Nm	57
Spark plugs	Nm	25

Capacities

Engine oil & filter	litres	5.1
Gearbox - 4-speed [5-speed]	litres	With engine
Automatic transmission - refill	litres	—
Final drive	litres	With engine
Cooling system	litres	4.8
Fuel tank	litres	34

Notes and Illustrations

¹1 hole shaft: 262

1: Idle speed 2: CO / Mixture

