

Capacity (cm ³) / number of cylinders		3528 / 8
Compression ratio / pressure	bar	9.75 / 9.0
Oil pressure	bar	[2.4]
Oil temperature	°C	80
Valve clearance - inlet	mm	0: Hyd.
- exhaust	mm	0: Hyd.
Firing order		1-8-4-3-6-5-7-2
No 1 cylinder position		FL
Thermostat opening temperature	°C	88
Radiator cap pressure	bar	1.0

Idle speed - manual [auto]	rpm	800 to 850
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	1.0 to 1.5
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		Lucas
Type / ref		L electronic
Main jet / needle		—
Injection pressure	bar	—
Pump pressure	bar	1.8 to 2.5
Octane rating	RON	97[L]

Type		Electronic
Ignition coil		Lucas, Ducellier, Bosch
Primary resistance	ohms	0.6 to 1.0
Ballast resistor	ohms	—
Voltage - Tmnl 15(+) to earth	V	—
Distributor		Lucas
Points gap (air gap)	mm	[≥0.15]
Dwell angle	° (%)	—
Condenser capacity	μF	—
Rotation		Clockwise
Ignition timing - basic [static	° Crankshaft @ rpm	5 to 8 BTDC @ 600
V = Vacuum NV = No Vacuum		NV
Total ignition advance	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
Centrifugal check.	° Crankshaft @ rpm	14±4 @ 2000
	° Crankshaft @ rpm	19±4 @ 3000
	° Crankshaft @ rpm	22±4 @ 5000
Vacuum range check	mbar	100 to 356
Maximum vacuum advance	° Crankshaft	14±4
Spark plugs		Unipart/Champion
Type		GSP151 or GSP4462 / RN9YC
Electrode gap	mm	1.0

Battery	V / CC / RC	12 / 60Ah
Alternator voltage / full load current / engine rpm		13.6 to 14.4 / _ / 3000
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	505 to 550 /

Brakes -		2007 to 2008	2009 to 2010
Front (min. friction material thickness)	mm	3.0	
Rear (min. friction material thickness)	mm	3.0	

Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	1.5 / 1.7
- Estate / Van	bar	—

Camber	0±0.5°
Castor	+3.5°±0.5°
King pin inclination	+6°
Rear suspension / wheel alignment	

Camber	$\pm 0.5^\circ \pm 0.5^\circ$
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- stage 2	Nm	Nos 11 to 14: 68
- stage 3	Nm	—
- stage 4	Nm	—
Big-end bearings	Nm	47
Main bearings	Nm	75
Clutch cover	Nm	27
Flywheel [driveplate]	Nm	81
Front hubs	Nm	WSM
Rear hubs	Nm	271
Wheel nuts / bolts	Nm	95
Spark plugs	Nm	15

Engine oil & filter	litres	4.7
Gearbox - 4-speed [5-speed]	litres	1.9
Automatic transmission - refill	litres	–
Final drive	litres	1.5
Cooling system	litres	11.0
Fuel tank	litres	61

[illegible]

H.19168

L electronic