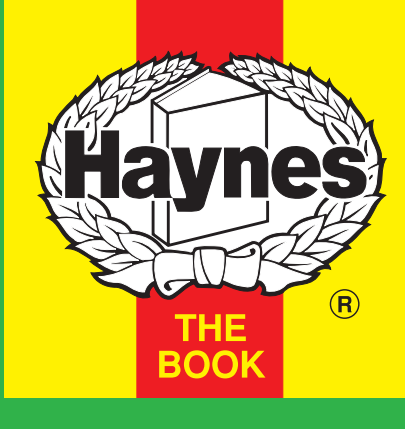


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
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Automotive
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HELP

Engine and cooling systemCroma 2.5 V61993 to 1996

Type		834 G.000 117kW V6
Capacity (cm ³) / number of cylinders		2492 / 6
Compression ratio / pressure	bar	10.0
Oil pressure	bar	≥1.5 [5.0]
Oil temperature	°C	100
Valve clearance - inlet	mm	0.475 to 0.50
Valve clearance - exhaust	mm	0.225 to 0.250
Firing order		1-4-2-5-3-6
No 1 cylinder position		—
Thermostat opening temperature	°C	85 to 89
Radiator cap pressure	bar	0.98

Fuel systemCroma 2.5 V61993 to 1996

Idle speed - manual [auto]	rpm	700±50
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	≤0.3
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		—Bosch
Type / ref		M1.7 Motronic MPI
Main jet / needle		—
Injection pressure	bar	3.0
Pump pressure	bar	—
Octane rating	RON	95[U]

Ignition systemCroma 2.5 V61993 to 1996

Type		Motronic
Ignition coil		Bosch 0.221.503.417
Primary resistance	ohms	0.45 to 0.55
Ballast resistor	ohms	—
Voltage - Tmnl 15(+) to earth	V	—
Distributor		—
Points gap (air gap)	mm	—
Dwell angle	° (%)	—
Condenser capacity	µF	—
Rotation		—
Ignition timing - basic [static	° Crankshaft @ rpm	N/A
V = Vacuum NV = No Vacuum		—
Total ignition advance	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
Centrifugal check.	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
Vacuum range check	mbar	—
Maximum vacuum advance	° Crankshaft	—
Spark plugs		—/Champion
Type		RN7YCC
Electrode gap	mm	0.70 to 0.80

Electrical systemCroma 2.5 V61993 to 1996

Battery	V / CC / RC	12 / 320 / 60Ah
Alternator voltage / full load current / engine rpm		14.35 to 14.65v
Starter motor current / voltage - cranking	A / V	—
- locked	A / V	—

Running gearCroma 2.5 V61993 to 1996

Brakes -		
Front (min. friction material thickness)	mm	1.5
Rear (min. friction material thickness)	mm	1.5

Tyres		
Saloon	Size	195/60x15: 205/55x15
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	2.2 / 2.2
- Estate / Van	bar	—

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	0±1.0
Camber		-20'±20'
Castor		2°50'±20'
King pin inclination		—

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	2.0±2.0
Camber		-20'±20'

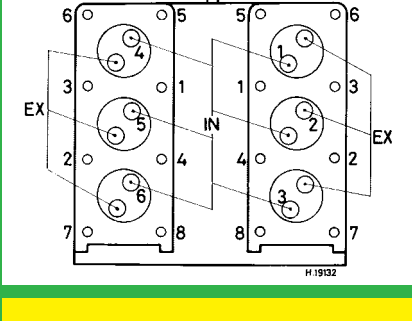
Torque wrench settingsCroma 2.5 V61993 to 1996

Cylinder head - stage 1	Nm	25
- stage 2	Nm	+240°
Cylinder head - stage 3	Nm	—
- stage 4	Nm	—
Big-end bearings	Nm	56.2
Main bearings	Nm	88.3
Clutch cover	Nm	—
Flywheel [driveplate]	Nm	122 locked
Front hubs	Nm	—
Rear hubs	Nm	—
Wheel nuts / bolts	Nm	—
Spark plugs	Nm	32

CapacitiesCroma 2.5 V61993 to 1996

Engine oil & filter	litres	6.6
Gearbox - 4-speed [5-speed]	litres	—
Automatic transmission - refill	litres	—
Final drive	litres	WT
Cooling system	litres	10.0
Fuel tank	litres	65

Notes and Illustrations



2492 cm³