

Engine & Cooling

Fuel

Ignition

Electrical

Running gear

Torque settings

Capacities

Notes & Illustrations



Automotive Technical
DATA BOOK

Click on one of the buttons above to view data for this car. To return to this screen and make another choice, click anywhere on the data screen.

MENU

HELP

Engine and cooling systemCroma 2000 ie Turbo1986 to 1989

Type		154 A2.000 DOHC 8V 114kW
Capacity (cm³) / number of cylinders		1995 / 4
Compression ratio / pressure	bar	8.0±0.1 / _
Oil pressure	bar	[3.4 to 4.9]
Oil temperature	°C	100
Valve clearance - inlet	mm	0.35±0.04
Valve clearance - exhaust	mm	0.40±0.04²
Firing order		1-3-4-2
No 1 cylinder position		TBE
Thermostat opening temperature	°C	81 to 85
Radiator cap pressure	bar	0.98

Fuel systemCroma 2000 ie Turbo1986 to 1989

Idle speed - manual [auto]	rpm	750±50
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	1.5±0.5
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		Bosch
Type / ref		LE2-Jetronic plus Turbo
Main jet / needle		_
Injection pressure	bar	3.0±0.2
Pump pressure	bar	≤4.5
Octane rating	RON	98[L]³

Ignition systemCroma 2000 ie Turbo1986 to 1989

Type		Microplex
Ignition coil		Marelli BAE 209 / BK
Primary resistance	ohms	0.31 to 0.38
Ballast resistor	ohms	_
Voltage - Tmnl 15(+) to earth	V	_
Distributor		Marelli
Points gap (air gap)	mm	_
Dwell angle	° (%)	_
Condenser capacity	µF	_
Rotation		_
Ignition timing - basic [static	° Crankshaft @ rpm	2±1.5 BTDC @ 0 to 2000
V = Vacuum NV = No Vacuum		NV
Total ignition advance	° Crankshaft @ rpm	Fully electronic
	° Crankshaft @ rpm	40±1.5 @ 3000 to 5000
	° Crankshaft @ rpm	_
Centrifugal check.	° Crankshaft @ rpm	Computer control
	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	_
Vacuum range check	mbar	Computer control
Maximum vacuum advance	° Crankshaft	_
Spark plugs		Bosch/Champion
Type		WR6DC / RN7YCC
Electrode gap	mm	0.85 to 0.95

Electrical systemCroma 2000 ie Turbo1986 to 1989

Battery	V / CC / RC	12 / 210 / 65 (45Ah)
Alternator voltage / full load current / engine rpm		14.0 to 14.3 / 65, 90 / 3500
Starter motor current / voltage - cranking	A / V	270 / 9.2
- locked	A / V	_

Running gearCroma 2000 ie Turbo1986 to 1989

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

Tyres		
Saloon	Size	195/60x14
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	2.2 / 2.2
- Estate / Van	bar	_

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	-1.0 to +1.0
Camber		-20'±20'
Castor		+2°30' to 3°10'
King pin inclination		_

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	+2.0 to 5.0
Camber		-20'±20'

Torque wrench settingsCroma 2000 ie Turbo1986 to 1989

Cylinder head - stage 1	Nm	20
- stage 2	Nm	40
Cylinder head - stage 3	Nm	+ 90°
- stage 4	Nm	+ 90°
Big-end bearings	Nm	25 + 50°
Main bearings	Nm	20⁴
Clutch cover	Nm	20
Flywheel [driveplate]	Nm	142
Front hubs	Nm	360
Rear hubs	Nm	320
Wheel nuts / bolts	Nm	86
Spark plugs	Nm	25 to 30

CapacitiesCroma 2000 ie Turbo1986 to 1989

Engine oil & filter	litres	5.5
Gearbox - 4-speed [5-speed]	litres	1.5 to 1.6
Automatic transmission - refill	litres	_
Final drive	litres	WT
Cooling system	litres	9.0
Fuel tank	litres	70

Notes and Illustrations

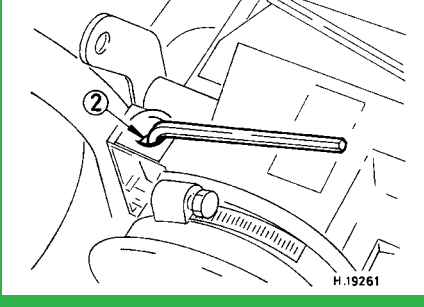
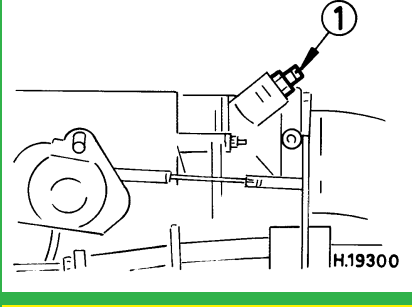
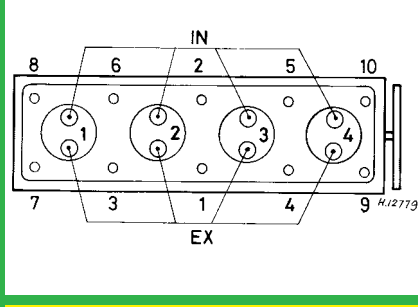
¹Engine 795 762 ►: 0.34±0.04

²Engine 795 762 ►: 0.39±0.04

³Chassis no. 183445 ►: [E 95 RON]

⁴Centre bearing: + 120°. Others: + 80°

1: Idle speed2: CO / Mixture



1995 cm³, 8V

LE2-Jetronic

LE2-Jetronic