

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 systemClio 1.2i (B/C/S577)1995 to 1997

Type		C3G-7-20
Capacity (cm ³) / number of cylinders		1239 / 4
Compression ratio / pressure	bar	9.2 / _
Oil pressure	bar	0.7 [3.5]
Oil temperature	°C	80
Valve clearance - inlet	mm	0.15
Valve clearance - exhaust	mm	0.20
Firing order		1-3-4-2
No 1 cylinder position		FE
Thermostat opening temperature	°C	83
Radiator cap pressure	bar	0.9

Fuel systemClio 1.2i (B/C/S577)1995 to 1997

Idle speed - manual [auto]	rpm	730±50 N/A
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	≤0.5 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		Magneti-Marelli
Type / ref		Monopoint SPI
Main jet / needle		_
Injection pressure	bar	1.05±0.05
Pump pressure	bar	1.06±0.1
Octane rating	RON	95[U]

Ignition systemClio 1.2i (B/C/S577)1995 to 1997

Type		Computerized
Ignition coil		Renix
Primary resistance	ohms	0.4 to 0.8
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	Computer control
V = Vacuum NV = No Vacuum		
Total ignition advance	° Crankshaft @ rpm	Computer control
	° 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/Bosch/_
Type		BF5ESZ / W9DC
Electrode gap	mm	0.85 to 0.95

Electrical systemClio 1.2i (B/C/S577)1995 to 1997

Battery	V / CC / RC	_
Alternator voltage / full load current / engine rpm		13.5 to 14.8 / 60, 70 / 4000
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	460 / _

Running gearClio 1.2i (B/C/S577)1995 to 1997

Brakes -		
Front (min. friction material thickness)	mm	6.0 with backing
Rear (min. friction material thickness)	mm	2.5 with backing

Tyres		
Saloon	Size	145/70x13: 155/70x13
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	2.4 / 2.4. 155: 2.1 / 2.3
- Estate / Van	bar	_

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	-1.0±1.0 UL
Camber		-20'±30' N/A
Castor		+1°55'±30' N/A
King pin inclination		+10°±30' N/A

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	+0.5 to 2.5 N/A
Camber		-50'±30' N/A

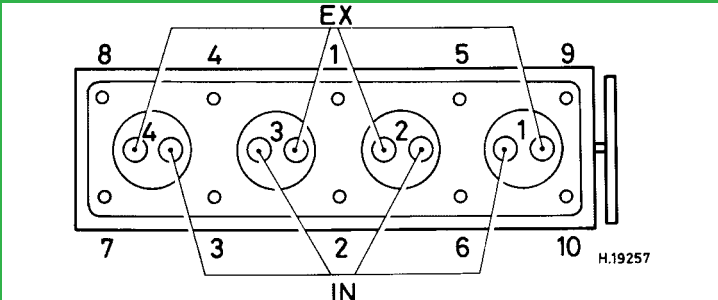
Torque wrench settingsClio 1.2i (B/C/S577)1995 to 1997

Cylinder head - stage 1	Nm	20
- stage 2	Nm	+ 90±4°
Cylinder head - stage 3	Nm	Wait 3 mins. Slacken in turn
- stage 4	Nm	20 + 90±4°
Big-end bearings	Nm	35
Main bearings	Nm	55 to 65
Clutch cover	Nm	25. M8: 30
Flywheel [driveplate]	Nm	50
Front hubs	Nm	250
Rear hubs	Nm	160
Wheel nuts / bolts	Nm	90
Spark plugs	Nm	_

CapacitiesClio 1.2i (B/C/S577)1995 to 1997

Engine oil & filter	litres	3.5
Gearbox - 4-speed [5-speed]	litres	3.4
Automatic transmission - refill	litres	_
Final drive	litres	WT
Cooling system	litres	5.5
Fuel tank	litres	43

Notes and Illustrations



1239 cm³