

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 system

5, 1.7i CAT (B/C408)

1987 to 1990

Type		F3N-G7-16
Capacity (cm ³) / number of cylinders		1721 / 4
Compression ratio / pressure	bar	9.5 / _
Oil pressure	bar	2.0 [3.5]
Oil temperature	°C	80
Valve clearance - inlet	mm	0.20
Valve clearance - exhaust	mm	0.40
Firing order		1-3-4-2
No 1 cylinder position		FE
Thermostat opening temperature	°C	83
Radiator cap pressure	bar	0.9

Fuel system

5, 1.7i CAT (B/C408)

1987 to 1990

Idle speed - manual [auto]	rpm	750±50 [700±50] N/A
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	N/A
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		Bendix
Type / ref		Renix Monopoint SPI
Main jet / needle		_
Injection pressure	bar	1.2±0.05
Pump pressure	bar	3.0
Octane rating	RON	92[U]

Ignition system

5, 1.7i CAT (B/C408)

1987 to 1990

Type		Computerized
Ignition coil		Renix
Primary resistance	ohms	0.4 to 0.8
Ballast resistor	ohms	_
Voltage - Tmnl 15(+) to earth	V	_
Distributor		Renix
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	_
	° 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		Champion
Type		RN9YC
Electrode gap	mm	0.75 to 0.85

Electrical system

5, 1.7i CAT (B/C408)

1987 to 1990

Battery	V / CC / RC	12 / 175 / 60
Alternator voltage / full load current / engine rpm		13.5 / _ / 3000
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	340 to 460 / _

Running gear

5, 1.7i CAT (B/C408)

1987 to 1990

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

Tyres		
Saloon	Size	165/65x13
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	2.2 / 2.2 ¹
- Estate / Van	bar	_

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	-1.0±1.0
Camber		0±30'
Castor		+1°30'±30'
King pin inclination		+13°10'±30'

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	0 to +3.0
Camber		-50'±30'

Torque wrench settings

5, 1.7i CAT (B/C408)

1987 to 1990

Cylinder head - stage 1	Nm	30
- stage 2	Nm	70, wait 3 min, loosen
Cylinder head - stage 3	Nm	20
- stage 4	Nm	+ 123±2°
Big-end bearings	Nm	45 to 50
Main bearings	Nm	60 to 65
Clutch cover	Nm	25
Flywheel [driveplate]	Nm	50 to 55 ²
Front hubs	Nm	250
Rear hubs	Nm	160
Wheel nuts / bolts	Nm	80
Spark plugs	Nm	_

Capacities

5, 1.7i CAT (B/C408)

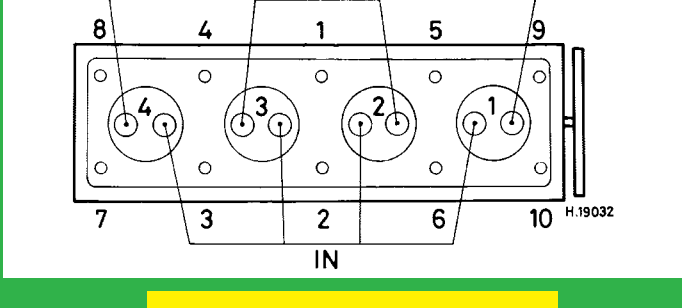
1987 to 1990

Engine oil & filter	litres	5.2
Gearbox - 4-speed [5-speed]	litres	3.4
Automatic transmission - refill	litres	2.0
Final drive	litres	WT
Cooling system	litres	6.5
Fuel tank	litres	43

Notes and Illustrations

¹AT: 2.3 / 2.2

²AT: [65 to 70]



1721 cm³