

Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
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## 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 19, 1.7i CAT(B/C/L53B) 1990 to 1992

Type		F3N-7-40 [F3N-7-41]
Capacity (cm <sup>3</sup> ) / 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	89
Radiator cap pressure	bar	1.2

### Fuel system 19, 1.7i CAT(B/C/L53B) 1990 to 1992

Idle speed - manual [auto]	rpm	700±50 N/A
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	≤0.3 N/A
HC @ idle speed [3000 rpm] - see page VI	ppm	≤200
CO <sub>2</sub> @ idle speed [3000 rpm] - see page VI	%	≥14.5
O <sub>2</sub> @ idle speed [3000 rpm] - see page VI	%	_
Carburettor / fuel injection		Siemens Bendix
Type / ref		Monopoint SPI
Main jet / needle		_
Injection pressure	bar	1.2±0.05
Pump pressure	bar	3.0
Octane rating	RON	91[U]

### Ignition system 19, 1.7i CAT(B/C/L53B) 1990 to 1992

Type		AEI
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	AEI control
V = Vacuum NV = No Vacuum		_
Total ignition advance	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	_
Centrifugal check.	° Crankshaft @ rpm	AEI control
	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	_
Vacuum range check	mbar	AEI control
Maximum vacuum advance	° Crankshaft	_
Spark plugs		Champion
Type		RN9YC
Electrode gap	mm	0.75 to 0.85

### Electrical system 19, 1.7i CAT(B/C/L53B) 1990 to 1992

Battery	V / CC / RC	12 / 50Ah
Alternator voltage / full load current / engine rpm		13.5 to 15.0 / _ / 3000
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	350 to 460 / _

### Running gear 19, 1.7i CAT(B/C/L53B) 1990 to 1992

<b>Brakes -</b>		
Front (min. friction material thickness)	mm	6.0 with backing
Rear (min. friction material thickness)	mm	2.5 <sup>1</sup>

<b>Tyres</b>		
Saloon	Size	155x13: 165/70x13
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	2.0 / 2.2 <sup>2</sup>
- Estate / Van	bar	_

<b>Front suspension / wheel alignment</b>		
Toe-in (+) / Toe-out (-)	mm [°]	-1.0±1.0
Camber		-5'±30'
Castor		+1°55'. PAS: +4°
King pin inclination		+12°55'±30'

<b>Rear suspension / wheel alignment</b>		
Toe-in (+) / Toe-out (-)	mm [°]	+1.0 to 3.0
Camber		-50'±30'

### Torque wrench settings 19, 1.7i CAT(B/C/L53B) 1990 to 1992

Cylinder head - stage 1	Nm	30
- stage 2	Nm	70, wait 3 min. Slacken
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 [65]
Front hubs	Nm	250
Rear hubs	Nm	160
Wheel nuts / bolts	Nm	80
Spark plugs	Nm	_

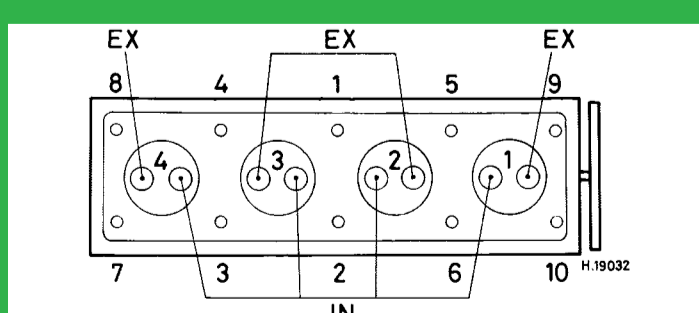
### Capacities 19, 1.7i CAT(B/C/L53B) 1990 to 1992

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	6.0
Fuel tank	litres	55

### Notes and Illustrations

<sup>1</sup>Discs: 5.0 with backing

<sup>2</sup>AT: 2.1 / 2.2



1721 cm<sup>3</sup>