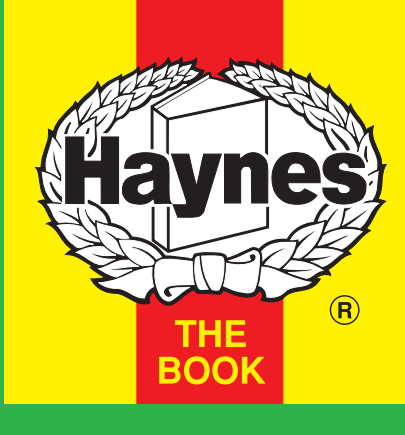


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
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Automotive
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DATA
BOOK

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MENU	HELP
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Engine and cooling systemUno 70 (1372)1990 to 1992

Type		146 C1.000 SOHC. 52kW
Capacity (cm³) / number of cylinders		1372 / 4
Compression ratio / pressure	bar	9.2 / _
Oil pressure	bar	[3.4 to 4.9]
Oil temperature	°C	100
Valve clearance - inlet	mm	0.40±0.05
Valve clearance - exhaust	mm	0.50±0.05
Firing order		1-3-4-2
No 1 cylinder position		TBE
Thermostat opening temperature	°C	80 to 84
Radiator cap pressure	bar	0.98

Fuel systemUno 70 (1372)1990 to 1992

Idle speed - manual [auto]	rpm	850±50 N/A
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	≤0.7±0.3 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		Bosch
Type / ref		Mono-Jetronic SPI
Main jet / needle		_
Injection pressure	bar	1.1±0.1
Pump pressure	bar	2.5
Octane rating	RON	98[E 95 RON]

Ignition systemUno 70 (1372)1990 to 1992

Type		Digiplex 2
Ignition coil		Marelli BAE 504 D
Primary resistance	ohms	0.405 to 0.495
Ballast resistor	ohms	_
Voltage - Tmnl 15(+) to earth	V	_
Distributor		Marelli
Points gap (air gap)	mm	_
Dwell angle	° (%)	_
Condenser capacity	µF	_
Rotation		Clockwise
Ignition timing - basic [static V = Vacuum NV = No Vacuum	° Crankshaft @ rpm	4±2 BTDC @ idle
Total ignition advance	° Crankshaft @ rpm	4±2 @ 0 to 1000
	° Crankshaft @ rpm	46±2 @ 4500 to 6200
	° 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		WR7DC / RN9YC
Electrode gap	mm	0.70 to 0.80

Electrical systemUno 70 (1372)1990 to 1992

Battery	V / CC / RC	12 / 200 / 40Ah
Alternator voltage / full load current / engine rpm		14.0 to 14.3 / 65 / 3000
Starter motor current / voltage - cranking	A / V	200 / 9.8 to 10.0
- locked	A / V	440 / 7.6

Running gearUno 70 (1372)1990 to 1992

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

Tyres		
Saloon	Size	165/65x13: 155/70x13
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	1.9 / 1.9
- Estate / Van	bar	_

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	+1.0±1.0
Camber		-30'±30' N/A
Castor		+2°±15'
King pin inclination		_

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	_
Camber		_

Torque wrench settingsUno 70 (1372)1990 to 1992

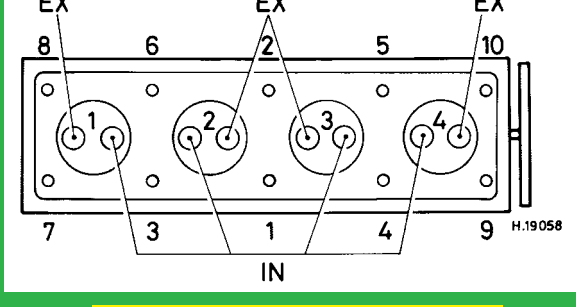
Cylinder head - stage 1	Nm	20
- stage 2	Nm	40
Cylinder head - stage 3	Nm	+ 90°
- stage 4	Nm	+ 90° ¹
Big-end bearings	Nm	51
Main bearings	Nm	80
Clutch cover	Nm	16
Flywheel [driveplate]	Nm	83
Front hubs	Nm	294
Rear hubs	Nm	216
Wheel nuts / bolts	Nm	86
Spark plugs	Nm	25 to 30

CapacitiesUno 70 (1372)1990 to 1992

Engine oil & filter	litres	4.1
Gearbox - 4-speed [5-speed]	litres	2.4
Automatic transmission - refill	litres	3.5
Final drive	litres	WT
Cooling system	litres	6.2
Fuel tank	litres	42

Notes and Illustrations

¹M8 bolts: 30



1372 cm³