Haynes THE BOOK

Automotive Technical DATA BOOK

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Engine and cooling system

626, 2.0 1990 to 1993

Type		FE. SOHC 12V
Capacity (cm³) / number of cylinders		1998 / 4
Compression ratio / pressure	bar	9.5 / ≥10.0
Oil pressure	bar	[3.0 to 3.9]
Oil temperature	ºC	_
Valve clearance - inlet	mm	0: Hyd.
Valve clearance - exhaust	mm	0: Hyd.
Firing order		1-3-4-2
No 1 cylinder position		TBE
Thermostat opening temperature	ºC	80 to 84
Radiator cap pressure	bar	0.75 to 1.05

Fuel system

626, 2.0 1990 to 1993

Idle speed - manual [auto]	rpm	800 to 850 [900 to 950]
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	2.0±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		_
Type / ref		30-34 2V downdraught
Main jet / needle		114, 155 [AT: 112, 155]
Injection pressure	bar	_
Pump pressure	bar	0.19 to 0.30
Octane rating	RON	95[E 95 RON]

Ignition system

626, 2.0 1990 to 1993

Type		Electronic
Ignition coil		_
Primary resistance	ohms	1.03 to 1.27
Ballast resistor	ohms	_
Voltage - Tmnl 15(+) to earth	V	_
Distributor		_
Points gap (air gap)	mm	_
Dwell angle	º (%)	_
Condenser capacity	µF	_
Rotation		Anticlockwise
Ignition timing - basic [static	º Crankshaft @ rpm	6±1 BTDC @ idle
V = Vacuum NV = No Vacuum		NV
Total ignition advance	º Crankshaft @ rpm	_
	º Crankshaft @ rpm	_
	º Crankshaft @ rpm	_
Centrifugal check.	º Crankshaft @ rpm	0±2 @ 1200
	º Crankshaft @ rpm	12±2 @ 2400
	º Crankshaft @ rpm	18±2 @ 5000
Vacuum range check	mbar	160 to 400
Maximum vacuum advance	º Crankshaft	11 to 15
Spark plugs		NGK/Champion
Type		BKR5E, 6E or 7E / RC9YCC
Electrode gap	mm	0.70 to 0.80

Electrical system

626, 2.0 1990 to 1993

Battery	V / CC / RC	12 / 50Ah
Alternator voltage / full load current / engine rpm		14.1 to 14.7 / _ / 2000
Starter motor current / voltage - cranking	A / V	90 / 11.5 (no load)
- locked	A / V	_

Running gear

626, 2.0 1990 to 1993

Brakes -		
Front (min. friction material thickness)	mm	2.0
Rear (min. friction material thickness)	mm	1.0
Tyres		
Saloon	Size	185/70x14
Estate / Van	Size	185/70x14
Pressure - front / rear - Saloon	bar	2.2 / 1.8
- Estate / Van	bar	2.2 / 2.0
Front suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [º]	0±3.0
Camber		+17'±45'
Castor		+1°13'±45'
King pin inclination		+12°47'
Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [º]	0±3.0
Camber		-30'±45'

Torque wrench settings

626, 2.0 1990 to 1993

Cylinder head - stage 1	Nm	80 to 86
- stage 2	Nm	_
Cylinder head - stage 3	Nm	_
- stage 4	Nm	_
Big-end bearings	Nm	65 to 69
Main bearings	Nm	83 to 88
Clutch cover	Nm	22 to 32
Flywheel [driveplate]	Nm	96 to 103
Front hubs	Nm	235 to 319
Rear hubs	Nm	98 to 117
Wheel nuts / bolts	Nm	118
Spark plugs	Nm	15 to 23

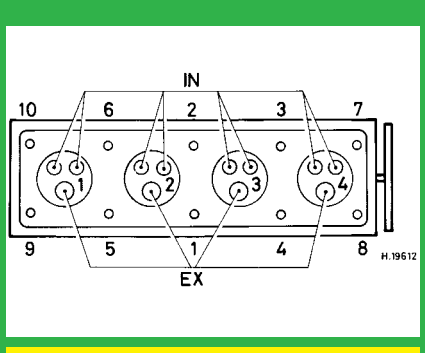
Capacities

626, 2.0 1990 to 1993

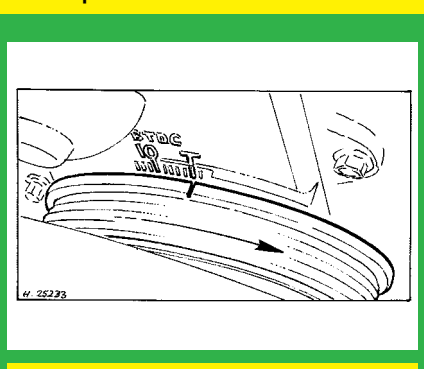
Engine oil & filter	litres	3.8
Gearbox - 4-speed [5-speed]	litres	3.4
Automatic transmission - refill	litres	6.3
Final drive	litres	WT
Cooling system	litres	7.5
Fuel tank	litres	60

Notes and Illustrations

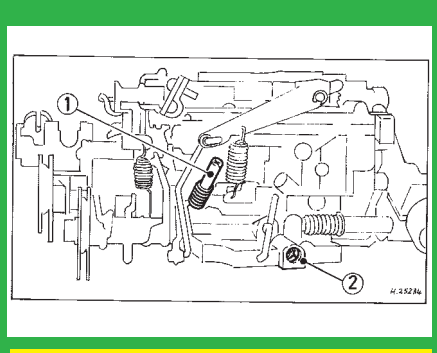
1: Idle speed 2: CO / Mixture



1998 cm³, 12V



1998 cm³, 12V



30-34 carburettor