

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

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HELP

Engine and cooling system 25 2.0 (B29H) 1987 to 1993

Type	J7R-7-22 [AT: J7R-7-23] 90kW	
Capacity (cm ³) / number of cylinders	1995 / 4	
Compression ratio / pressure	bar	10.0 / _
Oil pressure	bar	0.8 [3.0]
Oil temperature	°C	80
Valve clearance - inlet	mm	0.10 to 0.15
Valve clearance - exhaust	mm	0.20 to 0.25
Firing order	1-3-4-2	
No 1 cylinder position	FE	
Thermostat opening temperature	°C	83
Radiator cap pressure	bar	0.8 to 1.2

Fuel system 25 2.0 (B29H) 1987 to 1993

Idle speed - manual [auto]	rpm	775±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	_
CO ₂ @ idle speed [3000 rpm] - see page VI	%	_
O ₂ @ idle speed [3000 rpm] - see page VI	%	_
Carburettor / fuel injection	Renix	
Type / ref	Bendix R electronic MPI	
Main jet / needle	_	
Injection pressure	bar	2.5±0.2
Pump pressure	bar	3.0±0.2
Octane rating	RON	98[L] ¹

Ignition system 25 2.0 (B29H) 1987 to 1993

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	AC/Champion	
Type	C41CLTS / S6YC	
Electrode gap	mm	0.90±0.05

Electrical system 25 2.0 (B29H) 1987 to 1993

Battery	V / CC / RC	12 / 255 / 85
Alternator voltage / full load current / engine rpm	13.5 to 14.8 / 75, 105 / 3000	
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	400 / _

Running gear 25 2.0 (B29H) 1987 to 1993

Brakes -		
Front (min. friction material thickness)	mm	6.0 with backing
Rear (min. friction material thickness)	mm	2.5 with backing ²

Tyres		
Saloon	Size	185/70x14: 195/60x15
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	2.0 / 2.2
- Estate / Van	bar	_

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	-3.0±1.0
Camber		0±30'
Castor		+2° PAS: +4°
King pin inclination		+12°30'±30'

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	+1.0±1.0
Camber		-1°15'±30'

Torque wrench settings 25 2.0 (B29H) 1987 to 1993

Cylinder head - stage 1	Nm	20
- stage 2	Nm	20 + 105° +105°
Cylinder head - stage 3	Nm	run for 15 mins
- stage 4	Nm	cool for 3 hours, then + 20°
Big-end bearings	Nm	45 to 50
Main bearings	Nm	88 to 98
Clutch cover	Nm	25
Flywheel [driveplate]	Nm	60 [65 to 70]
Front hubs	Nm	250
Rear hubs	Nm	160
Wheel nuts / bolts	Nm	90
Spark plugs	Nm	_

Capacities 25 2.0 (B29H) 1987 to 1993

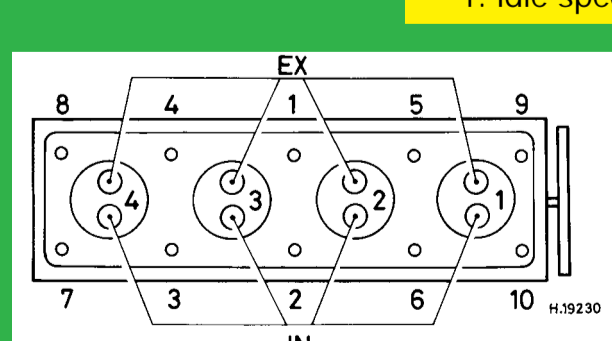
Engine oil & filter	litres	6.5
Gearbox - 4-speed [5-speed]	litres	2.2
Automatic transmission - refill	litres	4.0
Final drive	litres	AT: 0.8
Cooling system	litres	7.8
Fuel tank	litres	72

Notes and Illustrations

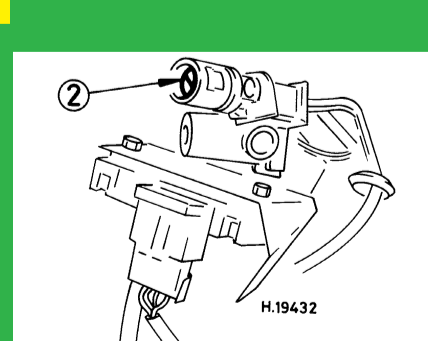
¹1.88 ▶: [E 95 RON]

²ABS: 6.0

1: Idle speed 2: CO / Mixture



1995 cm³, 8V



Bendix R, not CAT