

MENU **HELP**

Engine and cooling system		25, 2.0 TXi (B292)	1989 to 1993
Type		J7R-7-20 [AT: -7-21] 12V 104kW	
Capacity (cm ³) / number of cylinders		1995 / 4	
Compression ratio / pressure	bar	9.3 / _	
Oil pressure	bar	1.3 [3.0]	
Oil temperature	°C	80	
Valve clearance - inlet	mm	0.15 to 0.20	
Valve clearance - exhaust	mm	0.20 to 0.25	
Firing order		1-3-4-2	
No 1 cylinder position		FE	
Thermostat opening temperature	°C	88	
Radiator cap pressure	bar	0.8 to 1.2	

Fuel system		25, 2.0 TXi (B292)	1989 to 1993
Idle speed - manual [auto]	rpm	850±50	N/A
Fast idle speed - manual [auto]	rpm	—	
CO @ idle speed [3000 rpm] - see page VI	%	1.8±0.2	
HC @ idle speed [3000 rpm] - see page VI	ppm	≤1200	
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[IE 95 RON]	

Ignition system			25, 2.0 TXi (B292)	1989 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			Eyquem/Champion	
Type			FC62LS3 / C7YCC	
Electrode gap	mm		1.20 N/A	

Electrical system		25, 2.0 TXi (B292)	1989 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	— / 12	

	- locked	A / V	400 / _
Running gear			25, 2.0 TXi (B292) 1989 to 1993
Brakes -			
Front (min. friction material thickness)	mm	6.0 with backing	
Rear (min. friction material thickness)	mm	6.0 with backing	

Tyres	Rear (min. friction material thickness)	mm	6.0 with backing
	Saloon	Size	195/60x15: 195/65x15
	Estate / Van	Size	—
	Pressure - front / rear - Saloon	bar	2.5 / 2.3
	- 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'

Cambridge	1 15 150
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Torque wrench settings		25, 2.0 TXi (B292)	1989 to 1993
Cylinder head - stage 1	Nm	20	
- stage 2	Nm	+ 80° + 80°	

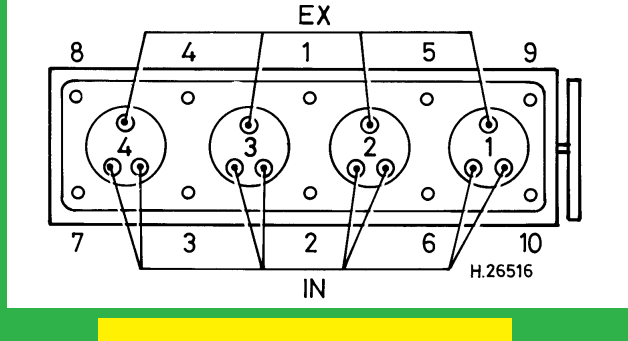
Cylinder head - stage 3	Nm	run for 15 mins
- stage 4	Nm	cool for 3 hours, then + 20°
Big-end bearings	Nm	45 to 50
Main bearings	Nm	88 to 98
Clutch cover	Nm	25
Flywheel [driveplate]	Nm	60
Front hubs	Nm	250
Rear hubs	Nm	160
Wheel nuts / bolts	Nm	90 ¹
Spark plugs	Nm	24 to 30

Spark plugs	mm	24 to 33
Capacities		25, 2.0 TXi (B292) 1989 to 1993
Engine oil & filter	litres	5.5
Gearbox - 4-speed [5-speed]	litres	2.2
Automatic transmission - refill	litres	4.0
Final drive	litres	AT: 0.8
Cooling system	litres	7.1
Fuel tank	litres	72

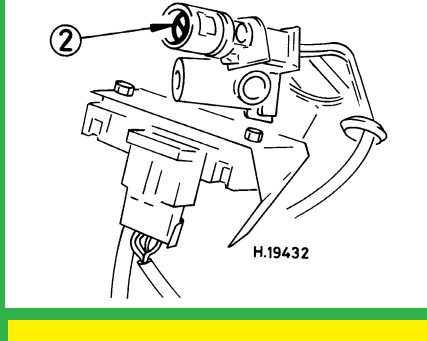
Notes and Illustrations

15 bolt fixing: 100

1: Idle speed 2: CO / Mixture



1995 cm³, 12V



Bendix R, not CAT