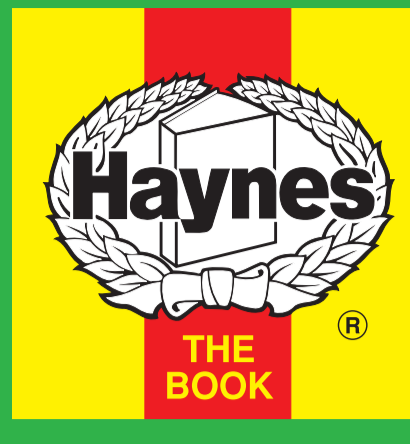


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
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Automotive Technical DATA BOOK

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

240, 2.0 1985 to 1989

Type	B200K. SOHC 8V. 74kW	
Capacity (cm ³) / number of cylinders	1986 / 4	
Compression ratio / pressure	bar	10.0 / ≥9.2
Oil pressure	bar	1.0 [2.5 to 8.0]
Oil temperature	°C	80
Valve clearance - inlet	mm	0.30 to 0.40 H
- exhaust	mm	0.30 to 0.40 H
Firing order	1-3-4-2	
No 1 cylinder position	TBE	
Thermostat opening temperature	°C	86 to 88 or 91 to 93
Radiator cap pressure	bar	0.66 to 0.87

Fuel system

240, 2.0 1985 to 1989

Idle speed - manual [auto]	rpm	900
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	1.0 to 2.5
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	Solex	
Type / ref	CISAC	
Main jet / needle	150, 142. Later: 115, 120	
Injection pressure	bar	—
Pump pressure	bar	0.15 to 0.28
Octane rating	RON	95[E 95 RON]

Ignition system

240, 2.0 1985 to 1989

Type	TZ 28H	
Ignition coil	Bosch	
Primary resistance	ohms	0.6 to 0.8
Ballast resistor	ohms	—
Voltage - Tmnl 15(+) to earth	V	—
Distributor	Bosch	
Points gap (air gap)	mm	—
Dwell angle	° (%)	—
Condenser capacity	µF	—
Rotation	Clockwise	
Ignition timing - basic [static	° Crankshaft @ rpm	7 BTDC @ 750±50
V = Vacuum NV = No Vacuum	NV	
Total ignition advance	° Crankshaft @ rpm	17 to 23 BTDC @ 2500
	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
Centrifugal check.	° Crankshaft @ rpm	17 @ 2000 to 2500
	° Crankshaft @ rpm	27 @ 3000 to 3500
	° Crankshaft @ rpm	32±2 @ 3800
Vacuum range check	mbar	140 to 320
Maximum vacuum advance	° Crankshaft	22±2
Spark plugs	Bosch/Champion	
Type	W7DC. 88 ▶: WR7DC / N9YC	
Electrode gap	mm	0.70 to 0.80

Electrical system

240, 2.0 1985 to 1989

Battery	V / CC / RC	12 / 450 / 90, 440 / 85
Alternator voltage / full load current / engine rpm	Various	
Starter motor current / voltage - cranking	A / V	Various
- locked	A / V	Various

Running gear

240, 2.0 1985 to 1989

Brakes -		
Front (min. friction material thickness)	mm	1.5. Girling: 3.0
Rear (min. friction material thickness)	mm	3.0
Tyres		
Saloon	Size	175x14
Estate / Van	Size	185x14
Pressure - front / rear - Saloon	bar	1.8 / 1.9
- Estate / Van	bar	1.9 / 2.1
Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	[+24'±8'] PAS: [+16'±8']
Camber	+15' to 1°	
Castor	+2° to 3° PAS: +3° to 4°	
King pin inclination	—	
Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	—
Camber	—	

Torque wrench settings

240, 2.0 1985 to 1989

Cylinder head - stage 1	Nm	20
- stage 2	Nm	60
- stage 3	Nm	+ 90°
- stage 4	Nm	—
Big-end bearings	Nm	20 + 90°
Main bearings	Nm	110
Clutch cover	Nm	—
Flywheel [driveplate]	Nm	70 N
Front hubs	Nm	68, - 120° & lock
Rear hubs	Nm	WSM
Wheel nuts / bolts	Nm	115
Spark plugs	Nm	20 to 30

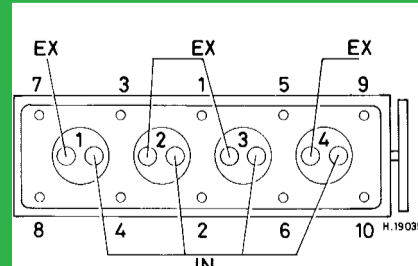
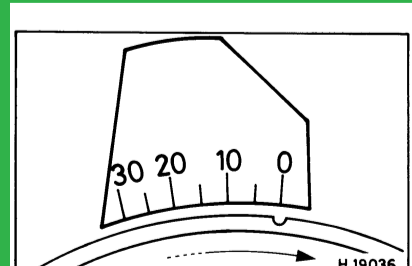
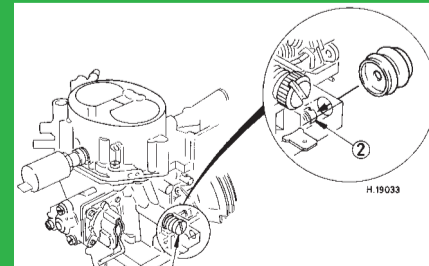
Capacities

240, 2.0 1985 to 1989

Engine oil & filter	litres	3.85
Gearbox - 4-speed [5-speed]	litres	M45: 0.75 M46: 2.3. M47: 1.3
Automatic transmission - refill	litres	BW: 3.5. AW: 3.9
Final drive	litres	1030: 1.3. 1031: 1.6
Cooling system	litres	9.5
Fuel tank	litres	60

Notes and Illustrations

1: Idle speed 2: CO / Mixture

1986 cm³1986 cm³

Solex CISAC