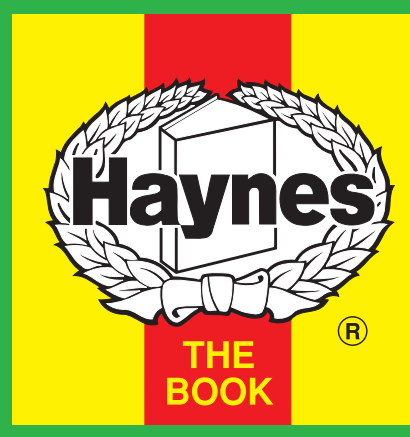


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
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Automotive Technical DATA BOOK

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

900 2.3i 1993 to 1997

Type	B234i DOHC 16V 116kW	
Capacity (cm ³) / number of cylinders	2290 / 4	
Compression ratio / pressure	bar	10.5 / _
Oil pressure	bar	[2.7]
Oil temperature	°C	80
Valve clearance - inlet	mm	0: Hyd.
- exhaust	mm	0: Hyd.
Firing order	1-3-4-2	
No 1 cylinder position	TCE	
Thermostat opening temperature	°C	87 to 91
Radiator cap pressure	bar	0.9 to 1.2

Fuel system

900 2.3i 1993 to 1997

Idle speed - manual [auto]	rpm	900±50 N/A
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	≤0.3
HC @ idle speed [3000 rpm] - see page VI	ppm	≤200
CO ₂ @ idle speed [3000 rpm] - see page VI	%	_
O ₂ @ idle speed [3000 rpm] - see page VI	%	_
Carburettor / fuel injection	Bosch	
Type / ref	M2.10.2-Motronic	
Main jet / needle	_	
Injection pressure	bar	3.0
Pump pressure	bar	_
Octane rating	RON	95[U]

Ignition system

900 2.3i 1993 to 1997

Type	Direct electronic	
Ignition coil	Saab	
Primary resistance	ohms	_
Ballast resistor	ohms	_
Voltage - Tmnl 15(+) to earth	V	_
Distributor	_	
Points gap (air gap)	mm	_
Dwell angle	° (%)	_
Condenser capacity	µF	_
Rotation	_	
Ignition timing - basic [static V = Vacuum NV = No Vacuum]	° Crankshaft @ rpm	Computer control N/A
Total ignition advance	° Crankshaft @ rpm	Computer control
	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	_
Centrifugal check.	° Crankshaft @ rpm	Computer control
	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	_
Vacuum range check	mbar	Computer control
Maximum vacuum advance	° Crankshaft	_
Spark plugs	NGK/Champion	
Type	BCPR6ES / C9YCC	
Electrode gap	mm	0.80

Electrical system

900 2.3i 1993 to 1997

Battery	V / CC / RC	12 / 60Ah
Alternator voltage / full load current / engine rpm	13.9 to 14.8 / 70 / 2500	
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	_

Running gear

900 2.3i 1993 to 1997

Brakes -		
Front (min. friction material thickness)	mm	4.0
Rear (min. friction material thickness)	mm	4.0

Tyres		
Saloon	Size	195/60x15
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	2.2 / 2.2
- Estate / Van	bar	_

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	1.5±0.5
Camber	-0°30'±20'	
Castor	2°08'±20'	
King pin inclination	13°18'	

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	1.0±2.0
Camber	-2°12'	

Torque wrench settings

900 2.3i 1993 to 1997

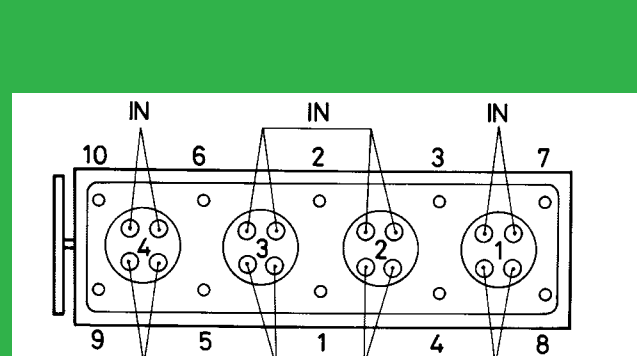
Cylinder head - stage 1	Nm	60
- stage 2	Nm	80
- stage 3	Nm	Warm up, then cool, slacken
- stage 4	Nm	80 + 90°
Big-end bearings	Nm	20 + 90°
Main bearings	Nm	20 + 90°
Clutch cover	Nm	22±2
Flywheel [driveplate]	Nm	60
Front hubs	Nm	290
Rear hubs	Nm	WSM
Wheel nuts / bolts	Nm	90 to 110
Spark plugs	Nm	25 to 29

Capacities

900 2.3i 1993 to 1997

Engine oil & filter	litres	4.0
Gearbox - 4-speed [5-speed]	litres	2.5
Automatic transmission - refill	litres	2.5 to 3.0
Final drive	litres	WT
Cooling system	litres	8.5
Fuel tank	litres	68

Notes and Illustrations

2290 cm³