

Capacity (cm ³) / number of cylinders		B204 B0HC 16V 50kW 1985 / 4
Compression ratio / pressure	bar	10.1 / ≥10.0
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	89±2
Radiator cap pressure	bar	0.9 to 1.2

Idle speed - manual [auto]	rpm	850±75
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
CO2 @ idle speed [3000 rpm] - see page VI	%	≥14.0
O2 @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection		Saab
Type / ref		Trionic
Main jet / needle		—
Injection pressure	bar	3.0
Pump pressure	bar	—
Octane rating	RON	91[U]

Type	DIS	
Ignition coil	Bosch	
Primary resistance	ohms	0.52 to 0.76
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	° Crankshaft @ rpm	14 BTDC @ 850 N/A
V = Vacuum NV = No Vacuum	NV	
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	
Type	BCPR6ES	
Electrode gap	mm	1.00 to 1.10

Battery	V / CC / RC	12 / 60Ah
Alternator voltage / full load current / engine rpm		13.9 to 14.8 / 80 / 2500
Starter motor current / voltage - cranking	A / V	315 / 9.0
- locked	A / V	650 to 750 / 4.0

Running gear			5000 2.0i CAT	1994 to 1997
Brakes -				
Front (min. friction material thickness)	mm	4.0		
Rear (min. friction material thickness)	mm	4.0		

Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	2.1 / 2.1
- Estate / Van	bar	—

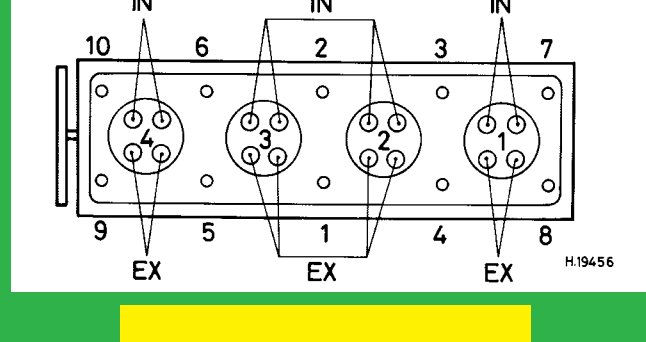
Camber	-0.65°±0.5°
Castor	+1.65°±0.5°
King pin inclination	+11.3°±0.5°

Toe in (°) / Toe out (°)	mm [°]	+2.0/-1.0
Camber		-0.25°±0.25°

Cylinder head - stage 1	Nm	60
- stage 2	Nm	80
- stage 3	Nm	+90°
- stage 4	Nm	—
Big-end bearings	Nm	48
Main bearings	Nm	110
Clutch cover	Nm	22±2
Flywheel [driveplate]	Nm	60 ¹
Front hubs	Nm	270 to 290
Rear hubs	Nm	270 to 290
Wheel nuts / bolts	Nm	90 to 110
Spark plugs	Nm	25 to 29

Engine oil & filter	litres	5.5
Gearbox - 4-speed [5-speed]	litres	1.8
Automatic transmission - refill	litres	3.0 to 3.5
Final drive	litres	WT
Cooling system	litres	9.0
Fuel tank	litres	66

¹19mm head bolt: 85



1985 cm³, 16V