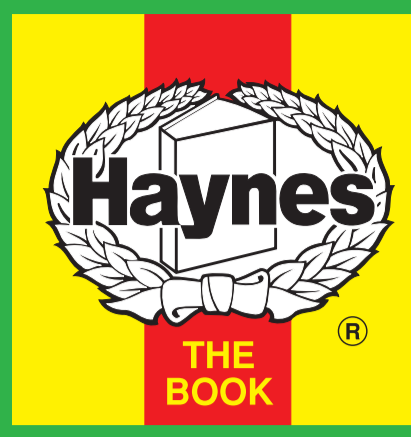


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
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Automotive Technical DATA BOOK

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MENU

HELP

Engine and cooling system 340, 1.7 & CAT 1985 to 1992

Type		B172K SOHC. 59/60kW
Capacity (cm ³) / number of cylinders		1721 / 4
Compression ratio / pressure	bar	10.0 (87 ▶: 9.5) / 8.8
Oil pressure	bar	[3.4]
Oil temperature	°C	80
Valve clearance - inlet	mm	0.20±0.05 ¹
- exhaust	mm	0.40±0.05 ²
Firing order		1-3-4-2
No 1 cylinder position		FE
Thermostat opening temperature	°C	89
Radiator cap pressure	bar	0.74

Fuel system 340, 1.7 & CAT 1985 to 1992

Idle speed - manual [auto]	rpm	900±50
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	1.0-0.5+1.0
HC @ idle speed [3000 rpm] - see page VI	ppm	≤300
CO ₂ @ idle speed [3000 rpm] - see page VI	%	—
O ₂ @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection		Solex
Type / ref		28-34 CISAC (Z10) 857/894
Main jet / needle		857: 95, 117. 894: 92.5, 117
Injection pressure	bar	—
Pump pressure	bar	0.16 to 0.28
Octane rating	RON	98[E 98 RON] ³

Ignition system 340, 1.7 & CAT 1985 to 1992

Type		AEI
Ignition coil		Renix
Primary resistance	ohms	0.4 to 0.8
Ballast resistor	ohms	—
Voltage - Tmnl 15(+) to earth	V	—
Distributor		Ducellier/Renix
Points gap (air gap)	mm	—
Dwell angle	° (%)	Electronic control
Condenser capacity	µF	—
Rotation		Clockwise
Ignition timing - basic [static	° Crankshaft @ rpm	6±1 BTDC @ 900
V = Vacuum NV = No Vacuum		NV
Total ignition advance	° Crankshaft @ rpm	16 @ 2500
	° 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		Bosch/Champion
Type		WR9DC / N279YC
Electrode gap	mm	0.70 to 0.80

Electrical system 340, 1.7 & CAT 1985 to 1992

Battery	V / CC / RC	12 / 36, 45Ah
Alternator voltage / full load current / engine rpm		14.0 / 50 / 4000
Starter motor current / voltage - cranking	A / V	200 to 265 / 9.0
- locked	A / V	390 to 480 / 6.0

Running gear 340, 1.7 & CAT 1985 to 1992

Brakes -		
Front (min. friction material thickness)	mm	2.0
Rear (min. friction material thickness)	mm	2.0

Tyres		
Saloon	Size	175/70x13
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	1.9 / 2.1
- Estate / Van	bar	—

Front suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	+4.0±1.0
Camber		-30'±30"
Castor		+7°30'±30'
King pin inclination		+9°35'±30'

Rear suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	0±3.0
Camber		-2°±30'

Torque wrench settings 340, 1.7 & CAT 1985 to 1992

Cylinder head - stage 1	Nm	30
- stage 2	Nm	70
- stage 3	Nm	70, wait 3 minutes
- stage 4	Nm	Slacken, 20 + 123±2°
Big-end bearings	Nm	48
Main bearings	Nm	63
Clutch cover	Nm	23
Flywheel [driveplate]	Nm	53
Front hubs	Nm	55, - 90° & lock
Rear hubs	Nm	245
Wheel nuts / bolts	Nm	115
Spark plugs	Nm	25

Capacities 340, 1.7 & CAT 1985 to 1992

Engine oil & filter	litres	5.0
Gearbox - 4-speed [5-speed]	litres	[2.8]
Automatic transmission - refill	litres	—
Final drive	litres	1.4
Cooling system	litres	6.5
Fuel tank	litres	45

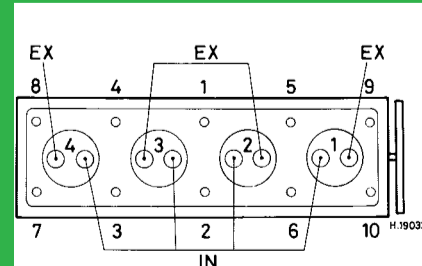
Notes and Illustrations

¹Checking value only, adjust to 0.20

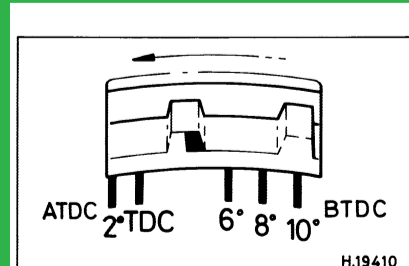
²Checking value only, adjust to 0.40

³87 ▶: 96 RON, [E 95 RON]. CAT: [U]

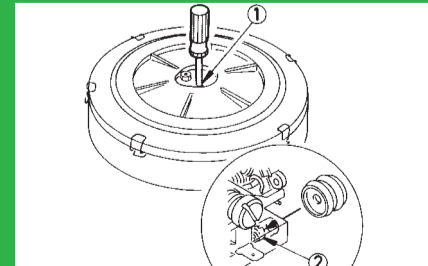
1: Idle speed 2: CO / Mixture



1721 cm³



1721 cm³



Solex CISAC Z10