

Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
------------------	------	----------	------------	--------------	-----------------	------------	-----------------------



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 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

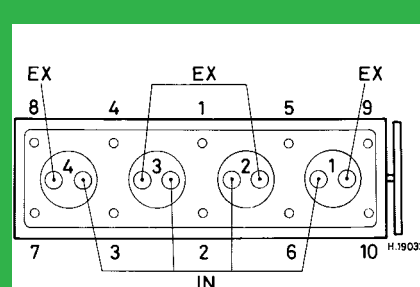
Notes and Illustrations

¹Checking value only, adjust to 0.20

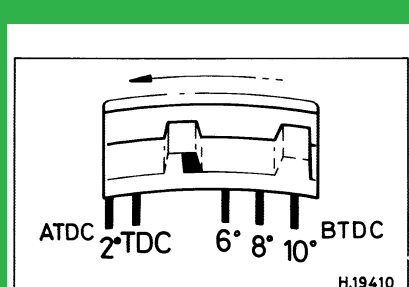
²Checking value only, adjust to 0.40

³87 ▶: 96 RON, [E 95 RON]. CAT: [U]

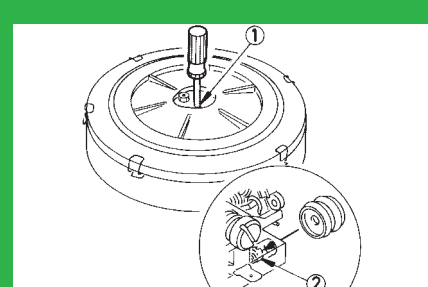
1: Idle speed 2: CO / Mixture



1721 cm³



1721 cm³



Solex CISAC Z10