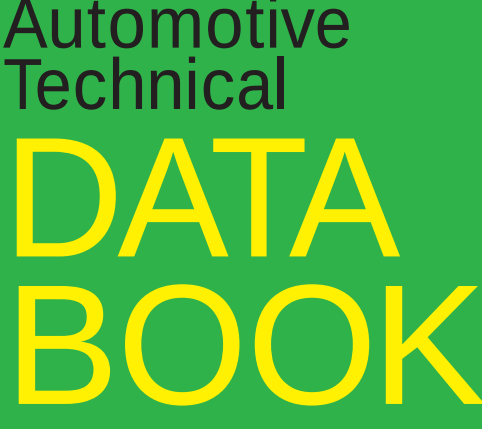


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustration
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HELP

1985 to 1988

Type		149 A5.000
Capacity (cm ³) / number of cylinders		1498 / 4
Compression ratio / pressure	bar	9.5 / _
Oil pressure	bar	[3.4 to 4.9]
Oil temperature	°C	100
Valve clearance - inlet	mm	0.40
Valve clearance - exhaust	mm	0.50
Firing order		1-3-4-2
No 1 cylinder position		TBE
Thermostat opening temperature	°C	83 to 87
Radiator cap pressure	bar	0.98

1985 to 1988

Idle speed - manual [auto]	rpm	850±50
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	1.0±0.5
HC @ idle speed [3000 rpm] - see page VI	ppm	≤1200
CO2 @ idle speed [3000 rpm] - see page VI	%	—
O2 @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection		Weber
Type / ref		32-34 TLDE 2/150
Main jet / needle		100, 105 or 115, 140
Injection pressure	bar	—
Pump pressure	bar	0.18
Octane rating	RON	98II 1

1985 to 1988

Ignition system		Strada 65	1995 to 1999
Type		Digiplex	
Ignition coil		Marelli BAE 209 B	
Primary resistance	ohms	0.31 to 0.38	
Ballast resistor	ohms	—	
Voltage - Tmnl 15(+) to earth	V	—	
Distributor		Marelli	
Points gap (air gap)	mm	—	
Dwell angle	° (%)	—	
Condenser capacity	µF	—	
Rotation		—	
Ignition timing - basic [static	° Crankshaft @ rpm	12 BTDC @ 850±50	
V = Vacuum NV = No Vacuum		NV	
Total ignition advance	° Crankshaft @ rpm	42±2 @ 4500	
	° 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		WR6DC / RN7YC	
Electrode gap	mm	0.70 to 0.80	

1985 to 1988

Battery	V / CC / RC	12 / 175 / 60
Alternator voltage / full load current / engine rpm		14.0 to 14.3 / _ / 3000
Starter motor current / voltage - cranking	A / V	200 / 10
- locked	A / V	100 / 7.8 to 8.3

1985 to 1988

Front (min. friction material thickness)	mm	1.5
Rear (min. friction material thickness)	mm	1.5

Tyres	Rear (min. friction material thickness)	mm	1.5
	Saloon	Size	165/70x13; 165/65x14
	Estate / Van	Size	-
	Pressure - front / rear - Saloon	bar	2.0 / 1.9
	- Estate / Van	bar	-

Front suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	-1.0 to +1.0
Camber		+1°15' to 2°15'
Castor		+50' to 1°50'
King pin inclination		-

Rear suspension / wheel alignment

Toe in (°) / Toe out (°)	mm [°]	0 to +1.0
Camber		+30' to -30'

1985 to 1988

Cylinder head - stage 1	Nm	20 ¹
- stage 2	Nm	40 ¹
Cylinder head - stage 3	Nm	+ 90 ^{o1}
- stage 4	Nm	+ 90 ^{o1}
Big-end bearings	Nm	51
Main bearings	Nm	80
Clutch cover	Nm	16
Flywheel [driveplate]	Nm	83
Front hubs	Nm	216
Rear hubs	Nm	216
Wheel nuts / bolts	Nm	86
Spark plugs	Nm	25 to 30

1985 to 1988

Engine oil & filter	litres	4.1
Gearbox - 4-speed [5-speed]	litres	3.3
Automatic transmission - refill	litres	–
Final drive	litres	WT
Cooling system	litres	7.0
Fuel tank	litres	55

Notes and Illustrations

¹Additional bolts: 30

1: Idle speed 2: CO / Mixture

