

Type		103A (R1G) (51kW)
Capacity (cm ³) / number of cylinders		1360 / 4
Compression ratio / pressure	bar	9.3 / _
Oil pressure	bar	1.5 [4.0]
Oil temperature	°C	80
Valve clearance - inlet	mm	0.20
Valve clearance - exhaust	mm	0.40
Firing order		1-3-4-2
No 1 cylinder position		FE
Thermostat opening temperature	°C	88
Radiator cap pressure	bar	1.0

Idle speed - manual [auto]	rpm	750±50
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	0.8 to 1.5
HC @ idle speed [3000 rpm] - see page VI	ppm	≤1200
CO2 @ idle speed [3000 rpm] - see page VI	%	≥10.0
O2 @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection		Solex
Type / ref		34 PBISA 17-481
Main jet / needle		132
Injection pressure	bar	—
Pump pressure	bar	0.25
Octane rating	RON	97[IRA]¹

Ignition system		403, 1.4	1989 to 1991
Type		Electronic	
Ignition coil		—	
Primary resistance	ohms	0.7	
Ballast resistor	ohms	—	
Voltage - Tmnl 15(+) to earth	V	—	
Distributor		—	
Points gap (air gap)	mm	—	
Dwell angle	° (%)	—	
Condenser capacity	µF	—	
Rotation		Clockwise	
Ignition timing - basic [static	° Crankshaft @ rpm	8 BTDC @ 750 ¹	
V = Vacuum NV = No Vacuum		NV	
Total ignition advance	° Crankshaft @ rpm	C057-D044	
	° Crankshaft @ rpm	—	
	° Crankshaft @ rpm	—	
Centrifugal check.	° Crankshaft @ rpm	7 to 11 @ 1000	
	° Crankshaft @ rpm	20 to 24 @ 3200	
	° Crankshaft @ rpm	31 to 35 @ 5600	
Vacuum range check	mbar	160 to 385	
Maximum vacuum advance	° Crankshaft	6.5 to 9.5	
Spark plugs		Eyquem/Champion	
Type		FC52LS / C9YC	
Electrode gap	mm	0.80	

Battery	V / CC / RC	12 / 200 / 33
Alternator voltage / full load current / engine rpm		13.8 to 14.8 / _ / 3000
Starter motor current / voltage - cranking	A / V	_
	A / V	

Running gear		405, 1.4	1989 to 1991
Brakes -			
Front (min. friction material thickness)	mm	—	
Rear (min. friction material thickness)	mm	—	

Saloon	Size	1037/6X14, 1737/6X14
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	2.1 / 2.1

Toe-in (+) / Toe-out (-)	mm [°]	+1.0±0.5 PW
Camber		0±30'
Castor		+2°25'±30'
King pin inclination		+11°25'±30'

Toe-in (+) / Toe-out (-)	mm [°]	+2.5±0.8 PW
Camber		-1°20'±30'

Cylinder head - stage 1	Nm	20
- stage 2	Nm	+ 240°

- stage 4	Nm	–
Big-end bearings	Nm	40
Main bearings	Nm	WSM

Flywheel [driveplate]	Nm	65 LKc
Front hubs	Nm	265
Rear hubs	Nm	275

Spark plugs	Nm	28	
Capacities			
		405, 1.4	1989 to 1991

Gearbox - 4-speed [5-speed]	litres	2.0
Automatic transmission - refill	litres	–
Final drive	litres	WT

Fuel tank	litres	70
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Notes and Illustrations

[E 95 RON], -4

1: Idle speed 2: CO / Mixture

