



HELP

1997

type	DOHC 20V 108kW	
Capacity (cm ³) / number of cylinders	1998 / 5	
Compression ratio / pressure	bar	10.0 / _
Oil pressure	bar	[4.0]
Oil temperature	°C	100
Valve clearance - inlet	mm	0: Hyd.
Valve clearance - exhaust	mm	0: Hyd.
Firing order	1-2-4-5-3	
No 1 cylinder position	TBE	
Thermostat opening temperature	°C	81
Radiator cap pressure	bar	0.98

1997

Idle speed - manual [auto]	rpm	750±50
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	%	≥13.0
O2 @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection		—Bosch
Type / ref		M2.10.4-Motronic SEFI
Main jet / needle		—
Injection pressure	bar	3.0
Pump pressure	bar	—
Octane rating	RON	95[II]

1997

Type	Motronic Static	
Ignition coil	Bosch 5x 0 221 504 006	
Primary resistance	ohms	0.40
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	Computer control N/A
V = Vacuum NV = No Vacuum	—	
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	_/_Champion	
Type	RC7BMC	
Electrode gap	mm	0.80

1997

Battery	V / CC / RC	12 / 60 / 380
Alternator voltage / full load current / engine rpm		14.0 to 14.3 / 85 / _
Starter motor current / voltage - cranking	A / V	_

1007

Routine

Brakes -			
Front (min. friction material thickness)	mm	1.5	

R

Tyres		
Saloon	Size	205/50x15
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	2.5 / 2.2

- Estate / Val

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	+1.0 to -1.0
Camber		-14' to -1°14'
Center		2°22' to 2°22'

Kingpin inclination

King pin inclination		–
Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	0 to +4.0

Torque wrench settings		Coupé 2.0 20V	1997
Cylinder head - stage 1	Nm	40	
- stage 2	Nm	+ 90°	
Cylinder head - stage 3	Nm	+ 90°	
- stage 4	Nm	+ 90°	
Big-end bearings	Nm	51	
Main bearings	Nm	113	
Clutch cover	Nm	24	
Flywheel [driveplate]	Nm	142	
Front hubs	Nm	280	
Rear hubs	Nm	280	
Wheel nuts / bolts	Nm	97	
Spark plugs	Nm	25	

1997

Capacities		Coupe 2.0 20V	1997
Engine oil & filter	litres	5.0	
Gearbox - 4-speed [5-speed]	litres	1.98	
Automatic transmission - refill	litres	–	
Final drive	litres	WT	
Cooling system	litres	7.0	
Final tank	litres	62	

Notes and Illustrations

