



MENU

HELP

145, 146 1.7 16V 1994 to 1997

Capacity (cm ³) / number of cylinders		1712 / 4
Compression ratio / pressure	bar	10.0 / ≥10.3
Oil pressure	bar	0.8 [4.0]
Oil temperature	°C	80
Valve clearance - inlet	mm	0: Hyd.
Valve clearance - exhaust	mm	0: Hyd.
Firing order		1-3-2-4
No 1 cylinder position		FR
Thermostat opening temperature	°C	86±2
Radiator cap pressure	bar	1.0±0.1

145	146	17	16V	1994 to 1997
-----	-----	----	-----	--------------

		135, 140 17 18V	1994 to 1997
Idle speed - manual [auto]	rpm	900±50	
Fast idle speed - manual [auto]	rpm	—	
CO @ idle speed [3000 rpm] - see page VI	%	≤0.2	
HC @ idle speed [3000 rpm] - see page VI	ppm	≤50	
CO2 @ idle speed [3000 rpm] - see page VI	%	—	
O2 @ idle speed [3000 rpm] - see page VI	%	—	
Carburettor / fuel injection		—Bosch	
Type / ref		M2.10.3-Motronic	
Main jet / needle		—	
Injection pressure	bar	2.8 to 3.2	
Pump pressure	bar	—	
Octane rating	RON	95[1]	

145	146	1.7	16V	1994 to 1997
-----	-----	-----	-----	--------------

Ignition system		143, 146 1.7 16V	1994 to 1997
Type		Motronic	
Ignition coil		Bosch	
Primary resistance	ohms	0.5	
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	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		NGK	
Type		PFR6B	
Electrode gap	mm	0.70	

145. 146 1.7 16V 1994 to 1997

Battery	V / CC / RC	12 / 45Ah A/C: 12 / 60Ah
Alternator voltage / full load current / engine rpm		14 / 80 / _
Starter motor current / voltage - cranking	A / V	_

Runni

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

R Tyres

Saloon	Size	185/60x14: 185/60x15
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	2.2 / 2.0

Front suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	+3.5±1.0
Camber		+10'±20'
Castor		+3°20'±30'

King pin inclination

Rear suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	+4.0±2.0
Camber		-1°±15'

145	146	17	16V	1994 to 1997
-----	-----	----	-----	--------------

Torque Wrench Settings		143, 146 1.7 10V	1994 to 1997
Cylinder head - stage 1	Nm	30	
- stage 2	Nm	60	
Cylinder head - stage 3	Nm	91 to 101	
- stage 4	Nm	—	
Big-end bearings	Nm	53 to 58 oiled	
Main bearings	Nm	67 to 74. Side: 41 to 50 oiled	
Clutch cover	Nm	19 to 23	
Flywheel [driveplate]	Nm	97 to 107 oiled	
Front hubs	Nm	266 to 294	
Rear hubs	Nm	266 to 294	
Wheel nuts / bolts	Nm	83 to 103	
Spark plugs	Nm	25 to 34	

145 146 1 7 16V 1994 to 1997

Capacities		145, 146 1.7 16V	1994 to 1997
Engine oil & filter	litres	4.0	
Gearbox - 4-speed [5-speed]	litres	2.4	
Automatic transmission - refill	litres	—	
Final drive	litres	WT	
Cooling system	litres	6.7	
Fuel tank	litres	51	

Fuel tank

[illegible]