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

		968 1992 to 1996
Type		M44/43 [AT: M44/44] 176kW
Capacity (cm³) / number of cylinders		2990 / 4
Compression ratio / pressure	bar	11.0 / _
Oil pressure	bar	[≥3.0]
Oil temperature	ºC	80 to 100
Valve clearance - inlet	mm	0: Hyd.
Valve clearance - exhaust	mm	0: Hyd.
Firing order		1-3-4-2
No 1 cylinder position		TBE
Thermostat opening temperature	ºC	_
Radiator cap pressure	bar	_

Fuel system

		968 1992 to 1996
Idle speed - manual [auto]	rpm	840±40 [880±40] N/A
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	0.4 to 0.8 N/A
HC @ idle speed [3000 rpm] - see page VI	ppm	≤200
CO2 @ idle speed [3000 rpm] - see page VI	%	_
O2 @ idle speed [3000 rpm] - see page VI	%	_
Carburettor / fuel injection		Bosch
Type / ref		DME-Motronic SEFI
Main jet / needle		_
Injection pressure	bar	_
Pump pressure	bar	3.6 to 4.0
Octane rating	RON	98[U]

Ignition system

		968 1992 to 1996
Type		DME Motronic
Ignition coil		Bosch
Primary resistance	ohms	_
Ballast resistor	ohms	_
Voltage - Tmnl 15(+) to earth	V	_
Distributor		Bosch
Points gap (air gap)	mm	_
Dwell angle	º (%)	_
Condenser capacity	µF	_
Rotation		_
Ignition timing - basic [static	º Crankshaft @ rpm	10±3 BTDC @ idle N/A
V = Vacuum NV = No Vacuum		_
Total ignition advance	º Crankshaft @ rpm	Computer control
	º Crankshaft @ rpm	_
	º Crankshaft @ rpm	_
Centrifugal check.	º Crankshaft @ rpm	Computer control
	º Crankshaft @ rpm	_
	º Crankshaft @ rpm	_
Vacuum range check	mbar	Computer control
Maximum vacuum advance	º Crankshaft	_
Spark plugs		Bosch
Type		WR7DTC
Electrode gap	mm	0.70

Electrical system

		968 1992 to 1996
Battery	V / CC / RC	12 / 63, 64Ah. RHD: 75Ah
Alternator voltage / full load current / engine rpm		_ / 115 / _
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	_

Running gear

		968 1992 to 1996
Brakes -		
Front (min. friction material thickness)	mm	2.0
Rear (min. friction material thickness)	mm	2.0
Tyres		
Saloon	Size	205/55x16: 225/50x16[1]
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	2.5 / 2.5
- Estate / Van	bar	_
Front suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [º]	[+10'±10']
Camber		0±10'
Castor		+3°15'-45'
King pin inclination		_
Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [º]	[+10'±10'] PW
Camber		-45'±20'

Torque wrench settings

		968 1992 to 1996
Cylinder head - stage 1	Nm	20 oiled
- stage 2	Nm	+ 60°
Cylinder head - stage 3	Nm	+ 60°
- stage 4	Nm	_
Big-end bearings	Nm	75
Main bearings	Nm	WSM
Clutch cover	Nm	42
Flywheel [driveplate]	Nm	90
Front hubs	Nm	WSM
Rear hubs	Nm	_
Wheel nuts / bolts	Nm	_
Spark plugs	Nm	25

Capacities

		968 1992 to 1996
Engine oil & filter	litres	7.0
Gearbox - 4-speed [5-speed]	litres	2.75
Automatic transmission - refill	litres	7.0
Final drive	litres	0.7
Cooling system	litres	8.0
Fuel tank	litres	74

Notes and Illustrations

[1]**Option: 225/45x17: 255/40x17**