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 — Toledo 1.8i 1994 to 1997

Type		ABS SOHC 8V 66kW
Capacity (cm³) / number of cylinders		1781 / 4
Compression ratio / pressure	bar	10.0 / ≥7.5
Oil pressure	bar	[2.0]
Oil temperature	ºC	80
Valve clearance - inlet	mm	0: Hyd.
- exhaust	mm	0: Hyd.
Firing order		1-3-4-2
No 1 cylinder position		TBE
Thermostat opening temperature	ºC	87
Radiator cap pressure	bar	1.20 to 1.50

Fuel system — Toledo 1.8i 1994 to 1997

Idle speed - manual [auto]	rpm	825 to 1025 N/A
Fast idle speed - manual [auto]	rpm	2500 to 2800
CO @ idle speed [3000 rpm] - see page VI	%	≤0.5 [≤0.3]
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		Mono-Motronic
Main jet / needle		_
Injection pressure	bar	0.50
Pump pressure	bar	_
Octane rating	RON	95[U]

Ignition system — Toledo 1.8i 1994 to 1997

Type		Motronic
Ignition coil		Bosch
Primary resistance	ohms	0.52 to 0.76
Ballast resistor	ohms	_
Voltage - Tmnl 15(+) to earth	V	_
Distributor		Bosch
Points gap (air gap)	mm	_
Dwell angle	º (%)	_
Condenser capacity	µF	_
Rotation		Clockwise
Ignition timing - basic [static	º Crankshaft @ rpm	6±1 BTDC @ 825 to 1025 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		NGK/Bosch
Type		BUR6ET / W7LTCR
Electrode gap	mm	0.70 to 0.90 / 0.90 to 1.10

Electrical system — Toledo 1.8i 1994 to 1997

Battery	V / CC / RC	12 / 220 / 54Ah
Alternator voltage / full load current / engine rpm		12.5 to 14.5 / 65, 90 / 3000
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	_

Running gear — Toledo 1.8i 1994 to 1997

Brakes -		
Front (min. friction material thickness)	mm	7.0 with backing
Rear (min. friction material thickness)	mm	2.5
Tyres		
Saloon	Size	175/70x13: 185/60x14:195/50x15
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	2.1 / 1.8
- Estate / Van	bar	_
Front suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [º]	0±1.0
Camber		-30'±20'
Castor		+1°30'±30'
King pin inclination		_
Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [º]	20'±10'
Camber		-1°30'±10'

Torque wrench settings — Toledo 1.8i 1994 to 1997

Cylinder head - stage 1	Nm	40
- stage 2	Nm	60
- stage 3	Nm	+ 90°
- stage 4	Nm	+ 90°
Big-end bearings	Nm	30 + 90°
Main bearings	Nm	65
Clutch cover	Nm	20
Flywheel [driveplate]	Nm	60 + 90° N
Front hubs	Nm	260
Rear hubs	Nm	WSM
Wheel nuts / bolts	Nm	110
Spark plugs	Nm	25

Capacities — Toledo 1.8i 1994 to 1997

Engine oil & filter	litres	3.8
Gearbox - 4-speed [5-speed]	litres	2.0
Automatic transmission - refill	litres	_
Final drive	litres	WT
Cooling system	litres	6.2
Fuel tank	litres	55

Notes and Illustrations

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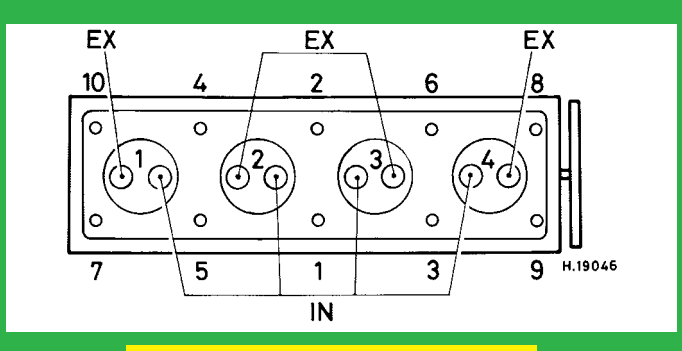

1781 cm³, 8V