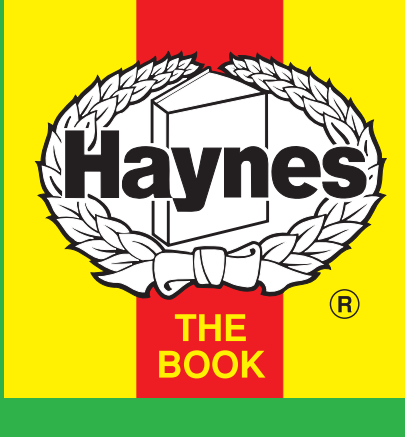


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
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HELP

Engine and cooling systemLaguna 3.0i V6 (B56E/R)1994 to 1997

Type		Z7X-7-60/-7-65 125kW
Capacity (cm³) / number of cylinders		2963 / 6
Compression ratio / pressure	bar	9.6 / _
Oil pressure	bar	2.2 [4.4]
Oil temperature	°C	80
Valve clearance - inlet	mm	0: Hyd.
Valve clearance - exhaust	mm	0: Hyd.
Firing order		1-6-3-5-2-4
No 1 cylinder position		RL
Thermostat opening temperature	°C	84
Radiator cap pressure	bar	1.2

Fuel systemLaguna 3.0i V6 (B56E/R)1994 to 1997

Idle speed - manual [auto]	rpm	700±50 N/A
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	≤0.3 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		_Siemens Bendix
Type / ref		MPI
Main jet / needle		_
Injection pressure	bar	2.5±0.2
Pump pressure	bar	3.0±0.2
Octane rating	RON	95[U]

Ignition systemLaguna 3.0i V6 (B56E/R)1994 to 1997

Type		Renix - AEI
Ignition coil		_
Primary resistance	ohms	0.4 to 0.8
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		Eyquem
Type		RFC58LS3
Electrode gap	mm	1.20 N/A

Electrical systemLaguna 3.0i V6 (B56E/R)1994 to 1997

Battery	V / CC / RC	12V 50/60AH
Alternator voltage / full load current / engine rpm		13.5/80, 110/_
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	_

Running gearLaguna 3.0i V6 (B56E/R)1994 to 1997

Brakes -		
Front (min. friction material thickness)	mm	6.0 with backing
Rear (min. friction material thickness)	mm	6.0 with backing

Tyres		
Saloon	Size	205/60x15
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	2.5 / 2.3
- Estate / Van	bar	_

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	1.0±1.0
Camber		-9'±30'
Castor		3°±30'
King pin inclination		11°52'±30'

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	-3.0±1.0
Camber		-1°15'±10'

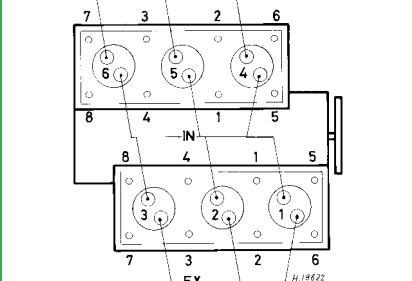
Torque wrench settingsLaguna 3.0i V6 (B56E/R)1994 to 1997

Cylinder head - stage 1	Nm	60
- stage 2	Nm	Wait 3 mins, slacken
Cylinder head - stage 3	Nm	40
- stage 4	Nm	+ 180°
Big-end bearings	Nm	42
Main bearings	Nm	30 + 75°
Clutch cover	Nm	26 to 28
Flywheel [driveplate]	Nm	47.5
Front hubs	Nm	250
Rear hubs	Nm	190
Wheel nuts / bolts	Nm	100
Spark plugs	Nm	20 to 30

CapacitiesLaguna 3.0i V6 (B56E/R)1994 to 1997

Engine oil & filter	litres	7.0
Gearbox - 4-speed [5-speed]	litres	2.3 to 2.8
Automatic transmission - refill	litres	4.0
Final drive	litres	WT. AT: 1.5
Cooling system	litres	8.5
Fuel tank	litres	66

Notes and Illustrations



2963 cm³