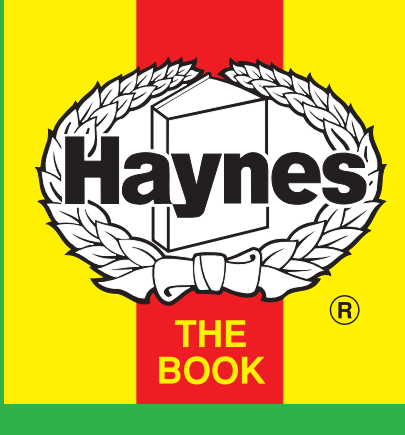


|                  |      |          |            |              |                 |            |                       |
|------------------|------|----------|------------|--------------|-----------------|------------|-----------------------|
| Engine & Cooling | Fuel | Ignition | Electrical | Running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

Engine and cooling systemLaguna 1.8i (B56S)1995 to 1997

|                                      |     |                  |
|--------------------------------------|-----|------------------|
| Type                                 |     | F3P-6-78 SOHC 8V |
| Capacity (cm³) / number of cylinders |     | 1783 / 4         |
| Compression ratio / pressure         | bar | 9.6 / _          |
| Oil pressure                         | bar | 1.2 [3.5]        |
| Oil temperature                      | °C  | 80               |
| Valve clearance - inlet              | mm  | 0.20             |
| Valve clearance - exhaust            | mm  | 0.40             |
| Firing order                         |     | 1-3-4-2          |
| No 1 cylinder position               |     | FE               |
| Thermostat opening temperature       | °C  | 89               |
| Radiator cap pressure                | bar | 1.2              |

Fuel systemLaguna 1.8i (B56S)1995 to 1997

|                                           |     |               |
|-------------------------------------------|-----|---------------|
| Idle speed - manual [auto]                | rpm | 750±50 N/A    |
| Fast idle speed - manual [auto]           | rpm | _             |
| CO @ idle speed [3000 rpm] - see page VI  | %   | ≤0.3N/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                                |     | Monopoint SPI |
| Main jet / needle                         |     | _             |
| Injection pressure                        | bar | 1.06±0.05     |
| Pump pressure                             | bar | 1.06 ± 0.05   |
| Octane rating                             | RON | 95[U]         |

Ignition systemLaguna 1.8i (B56S)1995 to 1997

|                                                              |                    |                      |
|--------------------------------------------------------------|--------------------|----------------------|
| Type                                                         |                    | Computerized         |
| 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<br>V = Vacuum NV = No Vacuum | ° Crankshaft @ rpm | Computer control N/A |
| 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                                                  |                    | _/Bosch/Champion     |
| Type                                                         |                    | W7DCO / N7YCX        |
| Electrode gap                                                | mm                 | 0.75 to 0.85         |

Electrical systemLaguna 1.8i (B56S)1995 to 1997

|                                                     |             |             |
|-----------------------------------------------------|-------------|-------------|
| Battery                                             | V / CC / RC | 12V 50/60Ah |
| Alternator voltage / full load current / engine rpm |             | 60 / 80A    |
| Starter motor current / voltage - cranking          | A / V       | _           |
| - locked                                            | A / V       | _           |

Running gearLaguna 1.8i (B56S)1995 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 | 185/65x14: 195/65x14 |
| Estate / Van                     | Size | _                    |
| Pressure - front / rear - Saloon | bar  | 2.3 / 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' |

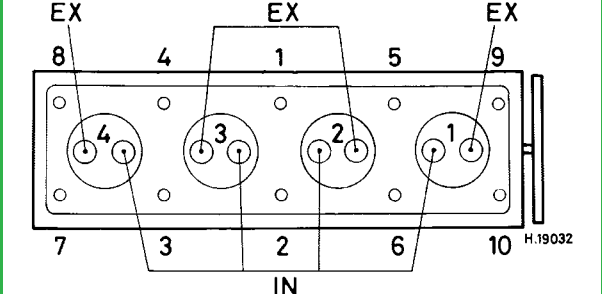
Torque wrench settingsLaguna 1.8i (B56S)1995 to 1997

|                         |    |                      |
|-------------------------|----|----------------------|
| Cylinder head - stage 1 | Nm | 30                   |
| - stage 2               | Nm | 70                   |
| Cylinder head - stage 3 | Nm | Wait 3 mins. Slacken |
| - stage 4               | Nm | 20 + 123±2°          |
| Big-end bearings        | Nm | 45 to 50             |
| Main bearings           | Nm | 60 to 65             |
| Clutch cover            | Nm | 26 to 28             |
| Flywheel [driveplate]   | Nm | 50 to 55             |
| Front hubs              | Nm | 250                  |
| Rear hubs               | Nm | 190                  |
| Wheel nuts / bolts      | Nm | 90 to 100            |
| Spark plugs             | Nm | 20 to 30             |

CapacitiesLaguna 1.8i (B56S)1995 to 1997

|                                 |        |     |
|---------------------------------|--------|-----|
| Engine oil & filter             | litres | 5.3 |
| Gearbox - 4-speed [5-speed]     | litres | 3.4 |
| Automatic transmission - refill | litres | _   |
| Final drive                     | litres | WT  |
| Cooling system                  | litres | 8.5 |
| Fuel tank                       | litres | 66  |

Notes and Illustrations



1783 cm³, 8V