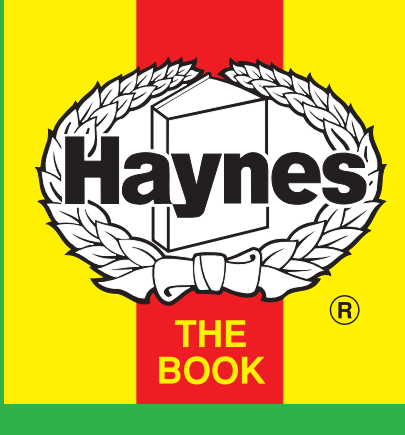


| Engine & Cooling | Fuel | Ignition | Electrical | Running gear | Torque settings | Capacities | Notes & Illustrations |
|------------------|------|----------|------------|--------------|-----------------|------------|-----------------------|
|------------------|------|----------|------------|--------------|-----------------|------------|-----------------------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



Automotive  
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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 systemEspero 1.5 16V1995 to 1997

|                                      |     |               |
|--------------------------------------|-----|---------------|
| Type                                 |     | DOHC 16V 67kW |
| Capacity (cm³) / number of cylinders |     | 1498 / 4      |
| Compression ratio / pressure         | bar | 9.2 / _       |
| Oil pressure                         | bar | _             |
| Oil temperature                      | °C  | _             |
| 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       | °C  | 87            |
| Radiator cap pressure                | bar | 0.90          |

Fuel systemEspero 1.5 16V1995 to 1997

|                                           |     |        |
|-------------------------------------------|-----|--------|
| Idle speed - manual [auto]                | rpm | 850±50 |
| Fast idle speed - manual [auto]           | rpm | _      |
| CO @ idle speed [3000 rpm] - see page VI  | %   | ≤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              |     | _      |
| Type / ref                                |     | MPI    |
| Main jet / needle                         |     | _      |
| Injection pressure                        | bar | _      |
| Pump pressure                             | bar | _      |
| Octane rating                             | RON | 95[U]  |

Ignition systemEspero 1.5 16V1995 to 1997

|                                 |                    |                  |
|---------------------------------|--------------------|------------------|
| Type                            |                    | Electronic       |
| Ignition coil                   |                    | _                |
| Primary resistance              | ohms               | _                |
| 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 | 15 BTDC @ 850±50 |
| 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                            |                    | BKR6E-11         |
| Electrode gap                   | mm                 | 1.00 to 1.10     |

Electrical systemEspero 1.5 16V1995 to 1997

|                                                     |             |               |
|-----------------------------------------------------|-------------|---------------|
| Battery                                             | V / CC / RC | 12 / 55 / 270 |
| Alternator voltage / full load current / engine rpm |             | _ / 85 / _    |
| Starter motor current / voltage - cranking          | A / V       | _             |
| - locked                                            | A / V       | _             |

Running gearEspero 1.5 16V1995 to 1997

|                                          |    |   |
|------------------------------------------|----|---|
| Brakes -                                 |    |   |
| Front (min. friction material thickness) | mm | _ |
| Rear (min. friction material thickness)  | mm | _ |

|                                  |      |           |
|----------------------------------|------|-----------|
| Tyres                            |      |           |
| Saloon                           | Size | 185/65x14 |
| Estate / Van                     | Size | _         |
| Pressure - front / rear - Saloon | bar  | 2.2 / 2.4 |
| - Estate / Van                   | bar  | _         |

|                                    |        |            |
|------------------------------------|--------|------------|
| Front suspension / wheel alignment |        |            |
| Toe-in (+) / Toe-out (-)           | mm [°] | 0±1.0      |
| Camber                             |        | -25'±45'   |
| Castor                             |        | +2°30'±30' |
| King pin inclination               |        | _          |

|                                   |        |              |
|-----------------------------------|--------|--------------|
| Rear suspension / wheel alignment |        |              |
| Toe-in (+) / Toe-out (-)          | mm [°] | +1.0 to +4.0 |
| Camber                            |        | -1.0 to 0    |

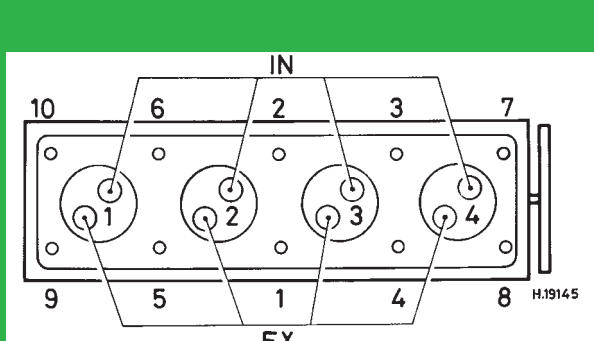
Torque wrench settingsEspero 1.5 16V1995 to 1997

|                         |    |                             |
|-------------------------|----|-----------------------------|
| Cylinder head - stage 1 | Nm | 20 N                        |
| - stage 2               | Nm | + 65°                       |
| Cylinder head - stage 3 | Nm | +65° + 65°                  |
| - stage 4               | Nm | Warm up, + 30° to 40°       |
| Big-end bearings        | Nm | 25° to 30° N                |
| Main bearings           | Nm | 50 + 45° to 60°             |
| Clutch cover            | Nm | 35                          |
| Flywheel [driveplate]   | Nm | 35 + 30° to 45° N           |
| Front hubs              | Nm | 100, slacken, then 20 + 90° |
| Rear hubs               | Nm | WSM                         |
| Wheel nuts / bolts      | Nm | 90                          |
| Spark plugs             | Nm | _                           |

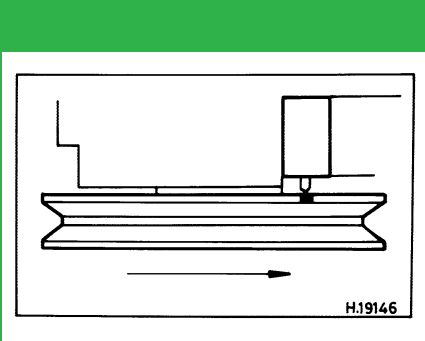
CapacitiesEspero 1.5 16V1995 to 1997

|                                 |        |            |
|---------------------------------|--------|------------|
| Engine oil & filter             | litres | 3.75       |
| Gearbox - 4-speed [5-speed]     | litres | 1.8        |
| Automatic transmission - refill | litres | 6.5 to 7.0 |
| Final drive                     | litres | WT         |
| Cooling system                  | litres | 6.7        |
| Fuel tank                       | litres | 50         |

Notes and Illustrations



1498 cm³, DOHC 16V



1498 cm³, DOHC 16V