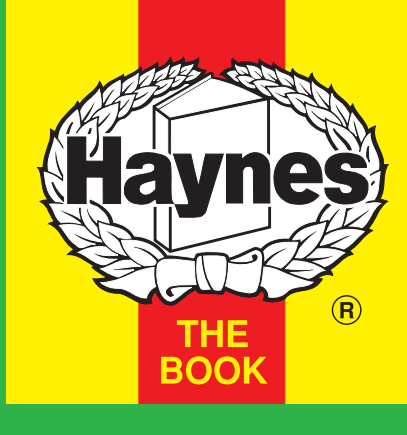


| Engine & Cooling | Fuel | Ignition | Electrical | Running gear | Torque settings | Capacities | Notes & Illustrations |
|------------------|------|----------|------------|--------------|-----------------|------------|-----------------------|
|------------------|------|----------|------------|--------------|-----------------|------------|-----------------------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



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 systemGalant 2.5i V61993 to 1995

|                                      |     |                        |
|--------------------------------------|-----|------------------------|
| Type                                 |     | 6G73 DOHC 24V V6 125kW |
| Capacity (cm³) / number of cylinders |     | 2497 / 6               |
| Compression ratio / pressure         | bar | 10.0 / 13.5            |
| Oil pressure                         | bar | —                      |
| Oil temperature                      | °C  | —                      |
| Valve clearance - inlet              | mm  | 0: Hyd.                |
| Valve clearance - exhaust            | mm  | 0: Hyd.                |
| Firing order                         |     | 1-2-3-4-5-6            |
| No 1 cylinder position               |     | —                      |
| Thermostat opening temperature       | °C  | 82                     |
| Radiator cap pressure                | bar | 0.75 to 1.0            |

Fuel systemGalant 2.5i V61993 to 1995

|                                           |     |             |
|-------------------------------------------|-----|-------------|
| Idle speed - manual [auto]                | rpm | 700±100     |
| Fast idle speed - manual [auto]           | rpm | —           |
| CO @ idle speed [3000 rpm] - see page VI  | %   | ≤0.5        |
| HC @ idle speed [3000 rpm] - see page VI  | ppm | ≤15         |
| CO2 @ idle speed [3000 rpm] - see page VI | %   | —           |
| O2 @ idle speed [3000 rpm] - see page VI  | %   | —           |
| Carburettor / fuel injection              |     | —Mitsubishi |
| Type / ref                                |     | MPI         |
| Main jet / needle                         |     | —           |
| Injection pressure                        | bar | 3.3 to 3.5  |
| Pump pressure                             | bar | —           |
| Octane rating                             | RON | 95[U]       |

Ignition systemGalant 2.5i V61993 to 1995

|                                 |                    |              |
|---------------------------------|--------------------|--------------|
| Type                            |                    | Electronic   |
| Ignition coil                   |                    | Mitsubishi   |
| Primary resistance              | ohms               | 0.67 to 0.81 |
| 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 | WSM          |
| V = Vacuum  NV = No Vacuum      |                    | —            |
| Total ignition advance          | ° Crankshaft @ rpm | —            |
|                                 | ° Crankshaft @ rpm | —            |
|                                 | ° Crankshaft @ rpm | —            |
| Centrifugal check.              | ° Crankshaft @ rpm | —            |
|                                 | ° Crankshaft @ rpm | —            |
|                                 | ° Crankshaft @ rpm | —            |
| Vacuum range check              | mbar               | —            |
| Maximum vacuum advance          | ° Crankshaft       | —            |
| Spark plugs                     |                    | NGK          |
| Type                            |                    | PFR6J-11     |
| Electrode gap                   | mm                 | 1.0 to 1.1   |

Electrical systemGalant 2.5i V61993 to 1995

|                                                     |             |                    |
|-----------------------------------------------------|-------------|--------------------|
| Battery                                             | V / CC / RC | 12 / 52Ah          |
| Alternator voltage / full load current / engine rpm |             | 13.9 to 14.9 / 75A |
| Starter motor current / voltage - cranking          | A / V       | —                  |
| - locked                                            | A / V       | —                  |

Running gearGalant 2.5i V61993 to 1995

|                                          |    |     |
|------------------------------------------|----|-----|
| Brakes -                                 |    |     |
| Front (min. friction material thickness) | mm | 2.0 |
| Rear (min. friction material thickness)  | mm | 2.0 |

|                                  |      |           |
|----------------------------------|------|-----------|
| Tyres                            |      |           |
| Saloon                           | Size | 205/60x15 |
| Estate / Van                     | Size | —         |
| Pressure - front / rear - Saloon | bar  | 2.3 / 2.1 |
| - Estate / Van                   | bar  | —         |

|                                    |        |             |
|------------------------------------|--------|-------------|
| Front suspension / wheel alignment |        |             |
| Toe-in (+) / Toe-out (–)           | mm [°] | 0.0±3.0     |
| Camber                             |        | 10'±30'     |
| Castor                             |        | 4°20'±1°30' |
| King pin inclination               |        | 7°20'±1°30' |

|                                   |        |          |
|-----------------------------------|--------|----------|
| Rear suspension / wheel alignment |        |          |
| Toe-in (+) / Toe-out (–)          | mm [°] | 0.0±3.0  |
| Camber                            |        | -55'±30' |

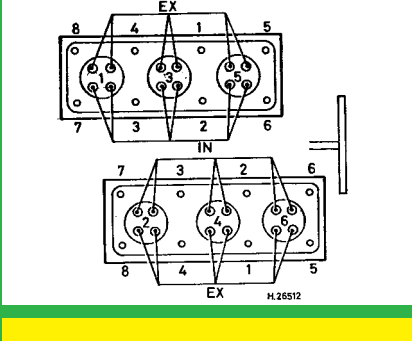
Torque wrench settingsGalant 2.5i V61993 to 1995

|                         |    |            |
|-------------------------|----|------------|
| Cylinder head - stage 1 | Nm | 103 to 113 |
| - stage 2               | Nm | —          |
| Cylinder head - stage 3 | Nm | —          |
| - stage 4               | Nm | —          |
| Big-end bearings        | Nm | 52         |
| Main bearings           | Nm | WSM        |
| Clutch cover            | Nm | 15 to 22   |
| Flywheel [driveplate]   | Nm | 75         |
| Front hubs              | Nm | 196 to 255 |
| Rear hubs               | Nm | 196 to 255 |
| Wheel nuts / bolts      | Nm | 88 to 108  |
| Spark plugs             | Nm | 20 to 30   |

CapacitiesGalant 2.5i V61993 to 1995

|                                 |        |                    |
|---------------------------------|--------|--------------------|
| Engine oil & filter             | litres | 4.6                |
| Gearbox - 4-speed [5-speed]     | litres | 2.2                |
| Automatic transmission - refill | litres | —                  |
| Final drive                     | litres | 0.8. transfer: 0.5 |
| Cooling system                  | litres | 7.0                |
| Fuel tank                       | litres | 64                 |

Notes and Illustrations



2497 cm³