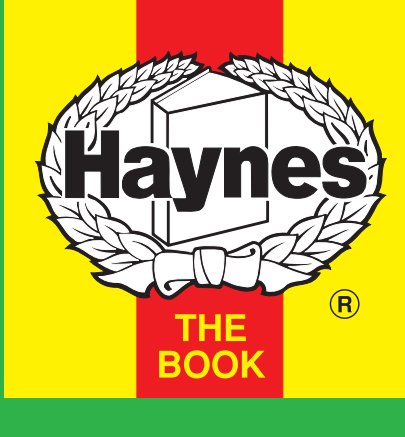


Engine & CoolingFuelIgnitionElectricalRunning gearTorque settingsCapacitiesNotes & Illustrations



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.

MENUHELP

Engine and cooling system

Galant 2.0i CAT1993 to 1997

Type		SOHC 16V 101kW
Capacity (cm ³) / number of cylinders		1997 / 4
Compression ratio / pressure	bar	10.5 / 14.0
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	88
Radiator cap pressure	bar	0.76 to 1.04

Fuel system

Galant 2.0i CAT1993 to 1997

Idle speed - manual [auto]	rpm	800±100 N/A
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	≤0.1 N/A
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		ECI Multi MPI
Main jet / needle		—
Injection pressure	bar	2.6
Pump pressure	bar	3.3 to 3.5
Octane rating	RON	95[U]

Ignition system

Galant 2.0i CAT1993 to 1997

Type		Electronic
Ignition coil		Mitsubishi
Primary resistance	ohms	0.90 to 1.20
Ballast resistor	ohms	—
Voltage - Tmnl 15(+) to earth	V	—
Distributor		Mitsubishi
Points gap (air gap)	mm	—
Dwell angle	° (%)	—
Condenser capacity	µF	—
Rotation		—
Ignition timing - basic [static	° Crankshaft @ rpm	5±2 BTDC @ 800±100
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/Champion
Type		BKR6E-11 / RC7YCC4
Electrode gap	mm	1.00 to 1.10

Electrical system

Galant 2.0i CAT1993 to 1997

Battery	V / CC / RC	12 / 101 / 348 or / 71 / 390
Alternator voltage / full load current / engine rpm		13.4 to 14.9 / _ / 2500
Starter motor current / voltage - cranking	A / V	—
- locked	A / V	—

Running gear

Galant 2.0i CAT1993 to 1997

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

Tyres		
Saloon	Size	185/70x14: 195/65x14
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	2.0 / 1.8
- Estate / Van	bar	—

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	0±1.5
Camber		+22'±30'
Castor		+2°±30'
King pin inclination		+13°55'

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	0±1.5 PW
Camber		-45'±14'

Torque wrench settings

Galant 2.0i CAT1993 to 1997

Cylinder head - stage 1	Nm	75, slacken
- stage 2	Nm	20
Cylinder head - stage 3	Nm	+ 90°
- stage 4	Nm	+ 90°
Big-end bearings	Nm	20 + 90°
Main bearings	Nm	25 + 90°
Clutch cover	Nm	15 to 22
Flywheel [driveplate]	Nm	135
Front hubs	Nm	200 to 260
Rear hubs	Nm	20 then 0 then 10 ⁴
Wheel nuts / bolts	Nm	90 to 110
Spark plugs	Nm	20 to 30

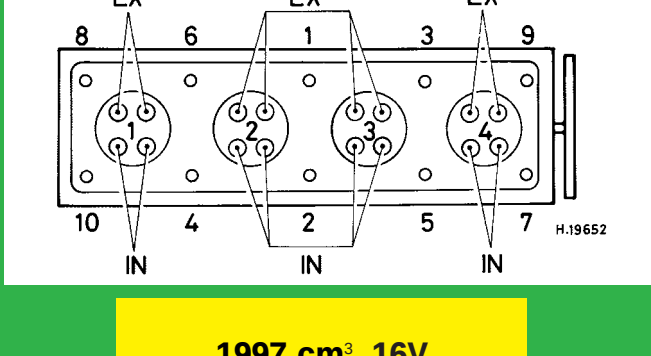
Capacities

Galant 2.0i CAT1993 to 1997

Engine oil & filter	litres	4.3
Gearbox - 4-speed [5-speed]	litres	1.8
Automatic transmission - refill	litres	6.1
Final drive	litres	WT
Cooling system	litres	7.0
Fuel tank	litres	60

Notes and Illustrations

¹With rear discs: 200 to 260



1997 cm³, 16V