



HELP

Galant Sapporo 2400	1987 to 1989
1G64	

Type		4G64
Capacity (cm ³) / number of cylinders		2351 / 4
Compression ratio / pressure	bar	9.5 / 11.8
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

Galant Sapporo 2400 1987 to 1989

Idle speed - manual [auto]	rpm	800±100
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	1.5±0.5
HC @ idle speed [3000 rpm] - see page VI	ppm	≤1200
CO2 @ idle speed [3000 rpm] - see page VI	%	—
O2 @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection		Mitsubishi
Type / ref		ECI
Main jet / needle		—
Injection pressure	bar	2.6
Pump pressure	bar	3.2 to 3.5
Octane rating	RON	98[R]

Galant Sapporo 2400 1987 to 1989

Type		Electronic
Ignition coil		F-088
Primary resistance	ohms	0.72 to 0.88
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 @ idle
V = Vacuum NV = No Vacuum		NV
Total ignition advance	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
Centrifugal check.	° Crankshaft @ rpm	Electronic control
	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
Vacuum range check	mbar	Electronic control
Maximum vacuum advance	° Crankshaft	—
Spark plugs		NGK/Champion
Type		BPR7ES / RN9YC4
Electrode gap	mm	1.00 to 1.10

Galant Sapporo 2400 1987 to 1989

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	—
	A / V	

Colony Sennors 3400 1087 to 1089

Rutina

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

Tyres

Saloon	Size	195/60x15
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	2.0 / 1.8
Pressure - front / rear - Estate / Van	bar	2.0 / 1.8

Front suspension / wheel alignment

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	0±1.5
Camber		+30'±30'
Castor		+1°15'±30'
King pin inclination		

Bear suspension / wheel alignment

Toe-in (+) / Toe-out (-)	mm [°]	0
Camber		-45'±14'

49 ± 14

Torque wrench settings		Galant Sapporo 2400	1987 to 1989
Cylinder head - stage 1	Nm	90 to 100 C	
- stage 2	Nm	100 to 110 H	
Cylinder head - stage 3	Nm	—	
- stage 4	Nm	—	
Big-end bearings	Nm	50 to 53	
Main bearings	Nm	50 to 55	
Clutch cover	Nm	15 to 22	
Flywheel [driveplate]	Nm	130 to 140	
Front hubs	Nm	200 to 260	
Rear hubs	Nm	WSM	
Wheel nuts / bolts	Nm	90 to 110	
Spark plugs	Nm	20 to 30	

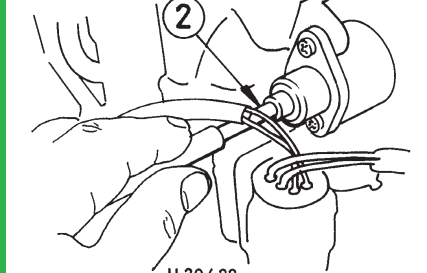
Colony Sensors 2400 1987 to 1990

Capacities		Galant Sapporo 2400	1987 to 1989
Engine oil & filter	litres	4.0	
Gearbox - 4-speed [5-speed]	litres	1.8	
Automatic transmission - refill	litres	6.1	
Final drive	litres	WT	
Cooling system	litres	6.5	
Fuel tank	litres	60	

Notes and Illustrations



1: Idle speed 2: CO / Mixture



Mitsubishi ECI