

**Telephone:**  
**Fax:**  
**VAT Registration No.:**

<b>Name:</b>		<b>Manufacturer:</b>	Daihatsu
<b>Address:</b>		<b>Model:</b>	
		<b>Year:</b>	
		<b>Registration:</b>	
<b>Tel - Private:</b>		<b>Mileage:</b>	
<b>Tel - Business:</b>		<b>Job number:</b>	

Service checks and adjustments				
Notes			Specified value	Measured value
	Valve clearance -INLET	mm	0,18±0,05 cold	
	Valve clearance -EXHAUST	mm	0,31 cold	
	Compression pressure	bar	12,85	
	Oil pressure	bar/rpm	2,25/4000	
	Radiator cap	bar	1,1	
	Thermostat opens	°C	80	
	Drive belt tension - alternator/PAS/AC	mm	6-7/7,5-11,5	

Lubricants and capacities				
Notes			Specified value	Measured value
	Engine oil grade - cold climate	SAE	5W/30 Semi-Synth.	
	Engine oil grade - moderate climate	SAE	10W/30 Semi-Synth.	
	Engine oil grade - hot climate	SAE	Semi-Synth.20W/50	
	Engine oil classification	API/ACEA	SH/A3-96	
	Engine oil grade - alternative - moderate climate	SAE	10W/40	
	Engine oil classification - alternative - moderate climate	API/ACEA	SH/A2-96	
	Engine with filter	litres	3,2	
	Gearbox oil grade	SAE	75W/85	
	Gearbox 4/5 speed	litres	2,25	
	Automatic transmission fluid	Type	Dexron III	
	Automatic transmission (drain & refill)	litres	1,9	
	Differential oil grade - front	SAE	80W/90	
	Differential front/AT	litres	1,0	
	Differential oil grade - rear	SAE	75W/85	
	Differential rear	litres	1,3	
	Cooling system	litres	5,8	
	Brake fluid	Type	DOT 3	
	Power steering fluid	Type	Dexron II	

Tightening torques				
Notes			Specified value	Measured value
	Cylinder head instructions			
Cylinder head				
		Renew bolts	No	
	Stage 1	Tighten	20 Nm	
	Stage 2	Tighten	32-34 Nm	
	Stage 3	Tighten	90°	

Other tightening torques				
	Main bearings	Renew bolts/nuts	No	
	Main bearings	Stage 1	30 Nm	
	Main bearings	Stage 2	53-65 Nm	
	Big end bearings	Renew bolts/nuts	Yes	
	Big end bearings	Stage 1	15 Nm	
	Big end bearings	Stage 2	19-24 Nm	
	Oil pump to cylinder block		7-11 Nm	
15	Sump bolts			
	Sump drain bolt		24-34 Nm	
	Flywheel/driveplate		73-83 Nm	
	Clutch to flywheel		15-21 Nm	
	Crankshaft pulley/damper		120-140 Nm	
	Camshaft sprocket/gear		40-54 Nm	
	Camshaft carrier/cap		10-14 Nm	
	Camshaft/rocker cover		9-13 Nm	
	Inlet manifold to cylinder head		15-23 Nm	
	Exhaust manifold to cylinder head		20-30 Nm	
	Exhaust downpipe to manifold		40-54 Nm	
	Spark plugs		15-20 Nm	
	Fuel rail to inlet manifold		17-25 Nm	
	Camshaft position (CMP) sensor		6-10 Nm	
	Engine coolant temperature (ECT) sensor		29-39 Nm	
	Oxygen sensor (Lambda)		29-39 Nm	
	Engine oil pressure switch		10-17 Nm	
	Front hub		167-226 Nm	
17	Rear hub		59-79 Nm	
	Steering track rod end		59-78 Nm	
	Brake caliper to carrier	Front	37-49 Nm	
	Brake caliper carrier to hub	Front	90-135 Nm	
	Back plate to hub	Rear	36-42 Nm	
	ABS sensor	Front	8 Nm	
	Road wheels		89-118 Nm	
Starting and charging				
Notes			Specified value	Measured value
	Battery	V/RC(Ah)	12	
Brake disc and drum dimensions				
Notes			Specified value	Measured value
	Minimum disc thickness - solid	Front	10 mm	
	Minimum disc thickness - ventilated	Front	15 mm	
	Disc runout	Front	0,10 mm	
	Maximum drum diameter	Rear	181 mm	
	Minimum pad thickness	Front	1 mm	
	Minimum shoe thickness	Rear	1 mm	
	Handbrake travel	No. of notches	4-7	

#### Autodata Note 15

Sump bolts

M6 = 6-11 Nm

M10 = 29-55 Nm.

#### Autodata Note 17

Rear hub

4WD = 177-255 Nm.

## Tightening sequence

