

Telephone:
Fax:
VAT Registration No.:

Name:		Manufacturer:	Daihatsu
Address:		Model:	
		Year:	
		Registration:	
Tel - Private:		Mileage:	
Tel - Business:		Job number:	

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

