

Technical Specifications

Engine	
Series:	Isuzu 4JJ1-TC Hi-Power
Description:	3.0 litre, DOHC, 16-valve, in-line 4-cylinder, common-rail direct-injection, VGS intercooled turbo-diesel
Maximum torque:	360 Nm @ 1800 → 2800 rpm (manual) 333 Nm @ 1600 → 3200 rpm (automatic)
Maximum power:	120 kW @ 3600 rpm
Bore x stroke:	95.4 mm x 104.9 mm
Displacement:	2999 cc
Compression ratio:	17.5 : 1
Cylinder head:	Isuzu-patent special aluminium alloy with double-walled water jacketing
Valve gear:	Chain-driven dual overhead camshafts, roller rockers, 4 valves/cylinder, VSS (Variable Swirl System)
Induction:	Electronic ultra high pressure direct fuel injection via common rail & air-cooled variable geometry turbocharger. Return Fuel Cooler.
Cylinder block:	Cast iron upper, cast alloy lower; Isuzu-patent melt-in anti-friction bore liners; special pistons with nickel composite oil rings
Emission level:	Euro 4
Alternator:	90 amp

Fuel use @ ADR81/02* (litres/100km)				CO2 (g/km)
	Combined	Urban	Extra Urban	Combined
4x2 SX Single Cab/chassis manual	7.9	10.4	6.5	208
4x2 SX Crew Cab Ute manual	8.1	10.0	7.0	213
4x2 LS Crew Cab Ute manual	8.4	10.5	7.2	222
4x2 LS Crew Cab Ute auto	9.0	10.9	7.9	237
4x4 EX Single Cab/chassis manual	8.1	10.0	7.0	213
4x4 SX Single Cab/chassis manual	8.1	10.0	7.0	213
4x4 SX Space Cab/chassis manual	8.1	10.0	7.0	213
4x4 SX Crew Cab/chassis manual	8.4	10.5	7.2	222
4x4 SX Crew Cab Ute manual	8.4	10.5	7.2	222
4x4 LS-U/LS-M Crew Cab Ute manual	8.4	10.5	7.2	222
4x4 LS-U/LS-M Crew Cab Ute auto	9.0	10.9	7.9	237

*ADR 81/02 is the federal government's standard laboratory based test regime. Your fuel figures will depend on driving style, conditions of usage, vehicle condition and load, and other factors.

Transmissions

Manual:	MUX low friction design with zincromate carbon composite gearset, cast alloy finned oil pan & 275mm dia clutch plate.
Automatic:	Maximatic III electronically controlled, dual-mode with Adaptive Grade Logic & fuel-saving lock-up torque converter on 3rd & 4th gears.
	Adaptive Grade Logic Control (holds 3rd gear during varied-gradient ascents & selects 3rd on steep descents to hold speed) Power Mode (changes up at higher revs/power) & '3rd' Mode (starts in 3rd gear to avoid wheelspin on ice/snow/slippery road)

Ratios:1:		1st	4.326	2.804
		2nd	2.557	1.532
		3rd	1.490	1.000
		4th	1.000	0.705
		5th	0.790	–
		Reverse	3.942	2.394
Final drive:	4x2	SX	3.416	
		LS	3.727	4.100
	4x4		3.727	4.100
	Limited slip rear differential - all models. All differentials have snorkelled breathers to increase fording depth & reduce mud blockage			
Transfer Gearing:	4x4 low range		2.482	2.482
	4x4 high range		1.000	1.000
	Limited slip rear differential			
4x4 system:	Dash-mounted push button mode selection, including 'shift on the fly' 4H selection at up to 100km/h. Ultra low 40:1 manual first gear low range with stall-saver for idle speed crawl & max engine-braking on steep descent			

Chassis

Frame:	Separate, full-length heavy-duty truck chassis with eight crossmembers including underslung propshaft bearing support & rear rails K-brace Extra-long wheelbase (3200mm) for cab/chassis
Suspension Front:	4x2 SX: Independent, coil springs, double-acting gas shock absorbers, upper & lower, wishbones, stabilizer bar Other: Independent, hi-rise torsion bars, double-acting gas shock absorbers, upper & lower wishbones, stabilizer bar
Suspension Rear:	Alloy-steel Semi-elliptic leaf springs - heavy duty on all cab/chassis, hi-ride on all 4x4 & LS 4x2, gas shock absorbers.

Axles

Front:	Independent. On 4x4: fully floating with outer constant velocity & inner double offset joints. Equal-length front drive shafts to counter torque-steer; free-wheeling front hubs. Capacities: 4x2: 1200kg; 4x4: 1300kg.
Rear:	Rigid semi-floating banjo with hypoid final drive. Limited slip differential on all models. Capacity: 1680kg

Steering

Engine-speed-sensitive power-assisted rack & pinion system; 3.2 turns lock-to-lock via (not on EX) tilt-adjustable wheel

Brakes

Power-assisted via tandem 9" + 8" servo unit; 280mm dia ventilated front discs with 2-pot calipers, 295mm rear drums
ABS with EBD (Anti-skid Brake System with Electronic Brakeforce Distribution) steep slope disable; not on EX 4x4
Central pull up park brake (under-dash pull out type on EX/bench seat model)

Wheels & Tyres

4x2 SX	15"x6.5" drilled silver-finish steel; 215/70 R15 LT
4x4 EX,SX	16"x7" drilled silver-finish steel; 245/70 R16 LT
LS	16"x7" alloy; 245/70 R16

Warranty

3 years or 100,000km, which ever occurs first