

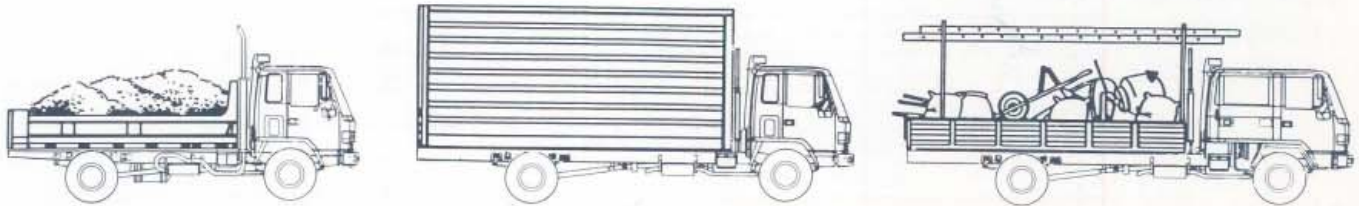
ISUZU TRUCK SPECIFICATIONS

650

4x2 CAB/CHASSIS

MODEL:
 FSR 650 SHORT
 FSR 650 LONG
 FSR 650 AUTO
 FSR 650 CREW

ORDERING CODE:
 8EC02-321
 8EG02-321
 8EG02-322
 8EG03-321



MODEL RANGE SUMMARY

	ENGINE	TRANSMISSION	AXLE FRONT	AXLE REAR		WHEELBASE (mm)		BRAKES	
	6BG1 6.5l	MBG6P 6 Speed	ALLISON AT545 4 Speed Auto	3400kg Capacity	7700kg Capacity	Ratio:1	3650	4720	Air over Hydraulic
FSR 650 SHORT	●	●		●	●	6.143	●		●
FSR 650 LONG	●	●		●	●	6.143		●	●
FSR 650 AUTO	●		●	●	●	5.571		●	●
FSR 650 CREW	●	●		●	●	6.143		●	●

RATINGS

	GVM (kg)	GCM (kg)	TYRES	ESTIMATED KERB MASS (kg) *			MAX GEARED SPEED (km/h)
				Front	Rear	Total	
FSR 650 SHORT	*10,500	16,000	8.25 - 20 - 12 Ply Opt. 8.25R - 20 - 14 Ply	2075	1335	3410	106
FSR 650 LONG	11,000	16,000	8.25R - 20 - 14 Ply	2150	1420	3570	106
FSR 650 AUTO	11,000	14,000		2175	1435	3610	92
FSR 650 CREW	11,000	16,000		2380	1460	3840	106

• Chassis and cab with oil, water and fuel tank containing 10 litres of fuel.
 * 11,000kg GVM with optional radial ply tyres.

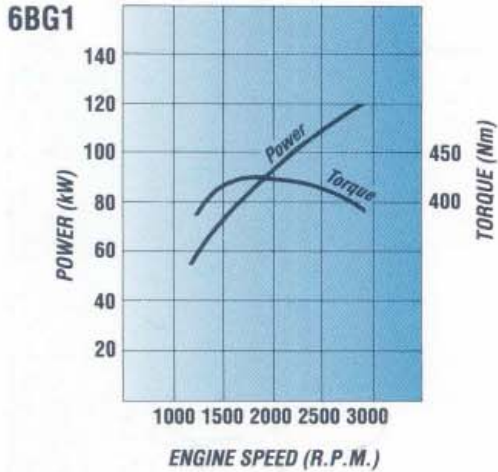


MECHANICAL Cab/Chassis Components

		FSR 650 SHORT	FSR 650 LONG	FSR 650 AUTO	FSR 650 CREW
AXLE FRONT	Type: Reverse Elliot I beam	●	●	●	●
	Capacity: 3400 kg	●	●	●	●
AXLE REAR	Type: Banjo, fully floating	●	●	●	●
	Capacity: 7700 kg	●	●	●	●
	Final Gear: 365mm diameter Hypoid	●	●	●	●
	Ratio: 6.143:1	●	●	●	●
	Ratio: 5.571:1			●	
BRAKE, AUXILIARY BRAKE, PARKING BRAKE, SERVICE	Exhaust brake	●	●		●
	Type: Spring park brake acting on rear wheels	●	●	●	●
	Type: Air over hydraulic, dual circuit, front two leading , rear dual two leading	●	●	●	●
	Total lining area: 3972cm ²	●	●	●	●
	Brake drum diam: 400mm x 115mm front 410mm x 115mm rear	●	●	●	●
CABIN	EXTERIOR				
	■ All steel tilt cab	●	●	●	
	■ All steel power tilt cab				●
	■ Dual square Halogen headlamps ■ Fog lamps ■ Vertical air intake stack ■ Tool kit with 7000 kg capacity jack ■ Spare wheel and tyre	●	●	●	●
	INTERIOR				
	■ Fully trimmed cabin interior including cloth seat facings (except crew cab) ■ AM Radio ■ Heater/Demister with 4 speed fan ■ Driver and passenger sunvisors ■ Side vent windows	●	●	●	●
	■ Formed roof lining (except crew cab) ■ Overhead parcel shelf ■ Tilt/telescopic steering wheel	●	●	●	●
	■ Isri 5000 driver's seat with mechanical suspension, adjustments for seat back recline, seat slide and height control Outboard seats have lap/sash seat belts with emergency locking retractor. Centre seat with lap seat belt	●	●	●	
	■ Air suspension driver's seat in lieu of mechanical type and lap belts in lieu of lap sash belts				●
	■ Rear - Four seater bench seat ■ Vinyl trim in lieu of cloth (includ. roof lining)				●
	INSTRUMENTATION				
	■ Speedometer with odometer, Tachometer ■ GAUGES - water temperature, fuel level and brake air pressure	●	●	●	●
	■ INDICATOR LAMPS Turn signals, parking brake on, high beam on, exhaust brake on (except auto), brake fluid	●	●	●	●
■ WARNING LAMPS Battery charge, oil filter, oil pressure, low air pressure, stop and tail light, brake system, air cleaner Warning bulb checking switch	●	●	●	●	
■ SWITCHES Left side combination switch for exhaust brake (except auto), wipers and washer. Hazard lamp switch. Fog lamp switch Right combination switch for headlamps, turn signals and headlamp dip. Key operation for engine start and stop	●	●	●	●	
CLUTCH	Type: Hydraulic control. Dry single plate with cushioning springs	●	●		●
	Size: 325mm	●	●		●
ELECTRICAL SYSTEM	Batteries: 2 x 12V 53 A/H ■ Alternator: 24V - 40A ■ Starter: 24V - 4.5kW	●	●	●	●

		FSR 650 SHORT	FSR 650 LONG	FSR 650 AUTO	FSR 650 CREW	
ENGINE	ISUZU 6BG1 Type: 6 Cylinder OHV diesel ■ Bore x stroke (mm) 105 x 125 ■ Displacement 6494 (cc) ■ Compression ratio (:1) 17.0 ■ Output - Power (kW) 120 @ 2900 rpm (DIN Nett) ■ Torque (Nm) 431 @ 1800 rpm (DIN Nett)	●	●	●	●	
	LUBRICATION Pressure feed with full flow paper element filter, oil cooler ■ Capacity 12.5 litres, including filter	●	●	●	●	
	■ Fuel tank capacity: 160 litres	●				
	■ Fuel tank capacity: 200 litres		●	●	●	
	COOLING Fan type: 6 blade plastic with thermatic clutch Size: 475mm dia. Radiator type: Tube and corrugated fin ■ Size: 622h x 559w x 53t (mm). Frontal area: 0.348m ² with bell mouth fan ring	●	●	●	●	
	AIR CLEANER 2 stage paper element, Donaldson (11"). Vertical air intake stack 2 stage paper element, Donaldson (9"). Vertical air intake stack	●	●	●	●	
	EXHAUST SYSTEM Type: Vertical pipe	●	●	●	●	
	FUEL SYSTEM Injection pump: in line plunger, Bosch 'A' type with mechanical all speed governor	●	●	●	●	
	FRAME	Type: Ladder type channel section ■ Side member dimensions: 225 x 70 x 6mm ■ Frame reinforcement 203 x 64 x 4.5mm at cab back ■ 213 x 64 x 3.2mm at rear axle	●	●	●	●
		STEERING Type: Power assisted recirculating ball ■ Gear ratio: 22.4:1	●	●	●	●
SUSPENSION	FRONT Type: Semi-elliptical, alloy steel leaf springs. Total capacity - 5100 kg Size: l x w x t (mm): 1350 x 70 x 11mm x 1 leaf 12mm x 6 leaves Shock absorbers: Hydraulic, double acting, telescopic	●	●	●	●	
	REAR Type: Semi-elliptical, alloy steel leaf springs. Total capacity - 11,020 kg Size: l x w x t (mm): Main: 1300 x 70 x 12mm x 8 leaves Auxiliary: 850 x 70 x 11mm x 2 leaves 12mm x 5 leaves	●	●	●	●	
TRANSMISSIONS	Type: 6 speed overdrive Model: Isuzu MBG6P Gear Ratios: 1st 2nd 3rd 4th 5th 6th Rev 6.378 3.627 2.239 1.452 1.000 0.787 5.835	●	●		●	
	Type: 4 speed Automatic Model: Allison AT545 Gear Ratios: 1st 2nd 3rd 4th Rev 3.454 2.254 1.407 1.000 5.025			●		
TYRES	Tyre Size: 8.25 - 20 - 12 ply (Dunlop Highway 78)	F/R				
	8.25R - 20 - 14 ply (Michelin XZP)	OPT F/R	F/R	F/R	F/R	
WHEELS	Wheel type and size: 6.50 T x 20, 8 stud disc wheels	●	●	●	●	

ENGINE PERFORMANCE

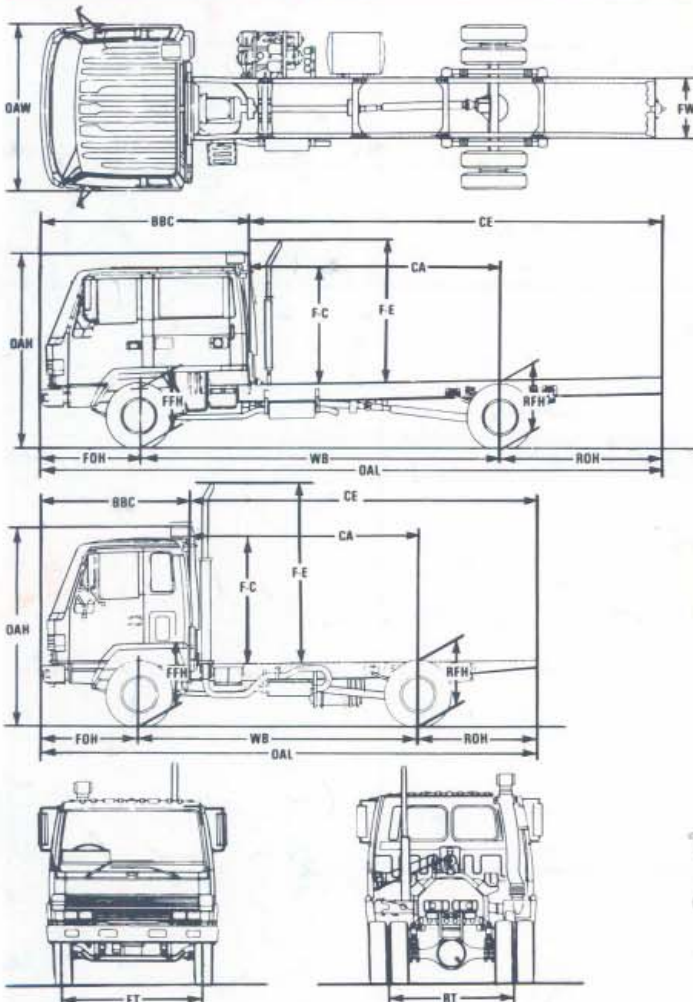


Isuzu 6BG1

Type: 6 Cylinder OHV Diesel ■ Bore x stroke (mm) 105 x 125

■ Displacement (cc) 6494 ■ Compression ratio (:1) 17.0 ■ Output - Power (kW) 120 @ 2900 R.P.M. (DIN Nett) ■ Torque (Nm) 431 @ 1800 R.P.M. (DIN Nett)

DIMENSIONS



	FSR 650 SHORT	FSR 650 LONG	FSR 650 AUTO	FSR 650 CREW
OAL (Overall length)	6530	8130	8130	8130
WB (Wheelbase)	3650	4720	4720	4720
CA (Cab to axle)*	2995	4065	4065	3110
CE (Cab to end of frame)*	4600	6200	6200	5445
ROH (Rear overhang)	1605	2135	2135	2135
FOH (Front overhang)	1275	1275	1275	1275
BBC (Bumper to back of cab)	1930	1930	1930	2685
OAW (Overall width)	2190	2190	2190	2190
FW (Frame width)	800	800	800	800
FT (Front track)	1790	1790	1790	1790
RT (Rear track)	1630	1630	1630	1630
FFH (Front frame height)	846	846	846	846
RFH (Rear frame height)	905	940	940	940
FC (Frame to top of cab)	1610	1610	1610	1610
FE (Frame to top of exhaust)	2340	2340	2340	2340
OAH (Overall height to top of air intake duct)	2660	2660	2660	2660
Turning Circle (m) kerb to kerb	13.3	18.9	18.9	18.9

875
960

ISUZU-GENERAL MOTORS AUSTRALIA LTD. 12/50 WARRANTY. Every Isuzu F Series is covered by the I-GM New Vehicle Warranty which covers your vehicle for the first 12 months or 50,000 kilometres.

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*CA and CE dimensions are effectively reduced by 245mm with fitment of vertical exhaust pipe.