FVZ 1400 LONG

32000kg



ISUZU 6SA1-T ENGINE PERFORMANCE

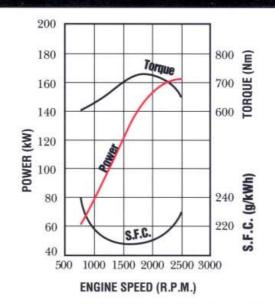
- Type: 6 cylinder, turbocharged overhead camshaft diesel, four stroke, direct injection
- Bore x stroke: 115 x 135 mm
- Displacement: 8413 cc
- Compression Ratio: 16.5:1
- Output -

Power:

163kW @ 2500 rpm (DIN Nett)

Torque:

735 Nm @ 1700 rpm (DIN Nett)



DIMENSIONS AND WEIGHTS

*ESTIMATED KERB MASS (kg) FRONT 3030

REAR 3790 TOTAL 6820

FRAME WIDTH (mm) 850

TURNING CIRCLE (m)

Kerb to Kerb 21.0

BODY LENGTH (mm) 7620 Subject to weight distribution

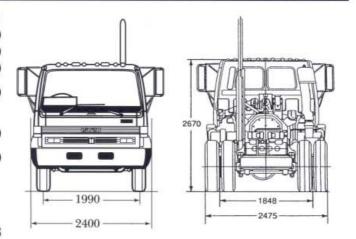
CHASSIS HEIGHT (mm)

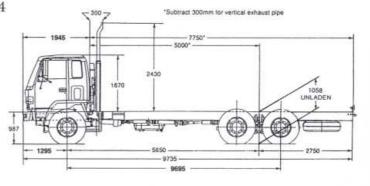
At centre line of rear axle

UNLADEN CHASSIS CAB 1058

AT GVM 1034

*Chassis and cab with oil, water and fuel tank containing 10 litres of fuel.







ISUZU GENERAL MOTORS AUSTRALIA LTD A.C.N. 006 962 572.

12/50 WARRANTY. Every Isuzu Truck 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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FVZ 1400 LONG

ORDERING CODE: 8FV02-751



ENGINE - ISUZU 6SA1-T

Lubrication

 Pressure feed lubrication with full flow paper element and partial flow sub filter.
 Plate type oil cooler in water jacket. Oil capacity 16.6 litres including filter.

COOLING SYSTEM

- 6 blade plastic cooling fan size 520 mm diameter with thermatic fan clutch.
- Tube and corrugated fin pressure type radiator with bell mouth fan shroud. Size (mm) 682 h x 559 w x 80 t. Frontal area 0.393 m².
- Coolant capacity 28.2 litres.

FUEL SYSTEM

- Two stage paper element air cleaner, Donaldson 13" with vertical air intake stack and rain head.
- In line plunger, Bosch 'AD' type fuel injection pump with mechanical all speed governor.
- · Electronic road speed limiter.*
- In line paper filter, see through water separator with drain cock.
- · Fuel tank capacity 180 litres.
- Horizontal exhaust muffler with vertical exhaust stack.

CLUTCH

- Hydraulic control dry single plate with coil type cushioning springs. 380 mm (15") diameter.
- · Air Servo assistance.
- Asbestos free lining material. Total lining area (both sides) 1362 cm².

TRANSMISSION - FULLER ROAD RANGER RT6609

- 9 speed direct drive, range change. Oil capacity 5.8 litres.
- · Gear ratios: 1

Low	12.66
1st	8.48
2nd	6.24
3rd	4.64
4th	3.42
5th	2.48
6th	1.83
7th	1.36
8th	1.00
Reverse	H 3.52
Reverse	L 12.03

- Maximum geared speed 110 km/h.*
- Three piece propeller shaft, 114.3 mm diameter.

Length: 1st section 837 mm 2nd section 837 mm 3rd section 934 mm

 Inter axle propeller shaft, 90 mm diameter. Length 635 mm.

REAR AXLE - (E)DS451P 18,500 KG

- Banjo type, fully floating, single reduction with pump.
- Tandem drive with inter axle diff lock, ratio 4.333:1.
- Spiral bevel type ring gear, 420 mm diameter.
 Oil capacity Front 18 litres Rear 17 litres

REAR SUSPENSION

- Isuzu 6 rod with semi-elliptical alloy steel multi-leaf springs.
- Length Width x thickness No. leaves 1300 80 x 20 mm 10 leaves

FRONT AXLE - F063 CAPACITY 6,300 KG

 Reverse Elliot I-beam type. King pin diameter 50 mm with cylindrical roller thrust bearing. Oil filled front hubs with demountable brake drums.

FRONT SUSPENSION

 Semi-elliptical, alloy steel tapered multileaf springs. Fully wrapped eye with greasable shackles.

· Length - Width x thickness	No. leaves
1470 - 80 x 12 mm	1 leaf
$80 \times 13 \text{ mm}$	4 leaves
$80 \times 14 \text{ mm}$	1 leaf
$80 \times 16 \text{ mm}$	1 leaf
$80 \times 18 \text{ mm}$	1 leaf
N. C.	

- Stabiliser bar.
- Hydraulic, double acting, telescopic shock absorbers.

STEERING

- Fully integral power assisted recirculating ball type. Gear ratio 22.4:1. Turns lock to lock 5.4.
- Gear driven vane type oil pump, oil capacity 3.5 litres.

RRAKES

- Full air 'S' cam, dual circuit front and rear leading and trailing. Drum diameter 419 mm. Total swept area 13,370.2 cm².
- · Air tank capacity 85.9 litres, with air dryer.
- Compressor bore x stroke 85 x 60 mm driven at half engine speed.
- Spring park brake acting on rear wheels with emergency release.
- Butterfly, air controlled exhaust brake.
 Activation switch on wiper/washer control stalk.

CHASSIS FRAME

- Parallel rail, ladder type, channel section, cold rivetted.
- \bullet Side member dimensions 254 x 85 x 8 mm.
- Frame reinforcement 238 x 77 x 4.5 mm at back of cab.
- · Material, SAPH45 mild steel.

WHEELS AND TYRES

- 8.25T x 22.5 10 stud disc wheels, 22 mm bolt size. 160 mm offset.
- 11 R 22.5 16 ply Goodyear G291 (F) G167
 (R) radial tubeless tyres front and rear.
- · Number of tyres, 11 including spare.
- Winch type spare wheel carrier.

ELECTRICAL SYSTEM

- Batteries 2 x 12 volt 55 amp/h, negative earth.
- · Alternator 24 volt 40 amp.
- · Starter motor 24 volt 4.5 kW output.
- Rear stop and tail lamps and licence plate lamp with long leads for variable body mounting. Turn signal side indicator lamps for body mounting.

CAB EXTERIOR

- All steel cab, manual tilt to 45°. Torsion bar counter balanced.
- · Cation, electro deposition primer.

- · Heavy duty bumper bar.
- · Four rectangular halogen headlamps.
- · Combination turn signals and park lamps.
- Tinted laminated windshield, 2 speed wiper/washer with intermittent mode.
- · Tinted quarter vent, side and rear glass.
- West Coast type rear view mirrors with clearance lamps.
- · Corrosion resistant non slip cab entry steps.
- Access to engine fluid checks without tilting cab.
- · Tool kit with 10,000 kg capacity jack.

CAR INTERIOR

- Fully trimmed cab interior with two tone cloth seat facings, formed roof lining and overhead parcel shelf with driver and passenger sun visor.
- ISRI 6000 drivers seat with mechanical suspension and lumbar support, adjustment for seat back recline, seat slide and height control.
- Outboard reclining passenger seat, folding centre seat back with lockable compartment and snack tray.
- Outboard lap/sash seat belts with emergency locking retractors, inboard lap seat belt.
- Tilt telescopic adjustable steering column, soft feel urethane steering wheel. Easy entry grab handles on 'A' and 'B' pillars.
- Heater demister with 4 speed fan, 4 outlet vents to screen, 5 fascia outlets, 5 foot outlets.
- AM/FM radio with digital clock, dash mounted.

INSTRUMENTATION

- · Speedometer, odometer and tachometer.
- Gauges for coolant temperature, fuel level and brake air pressure.
- · Dash illumination control.

INDICATOR LAMPS

 Turn signals, parking brake on, high beam on, exhaust brake engaged, brake fluid level.

WARNING LAMPS

- With warning bulb check switch.
- Battery charge, oil filter clogged, oil pressure, low air pressure, brake system, air cleaner clogged, stop and tail lamp failure.
- · Reversing lamp and beeper.

SWITCHES

- Left side combination switch for exhaust brake, wipers and washer.
- Right side combination switch for headlamps, turn signals and headlamp dip.
- · Hazard lamp switch.
- Key operation for engine stop and start, external engine crank switch for service when cab is tilted.
- Three way switch for interior lamp activated by driver and passenger doors.
- 24 volt 2 pin accessory plug on centre fascia panel.
- Controls for diff lock engagement and emergency park brake release.