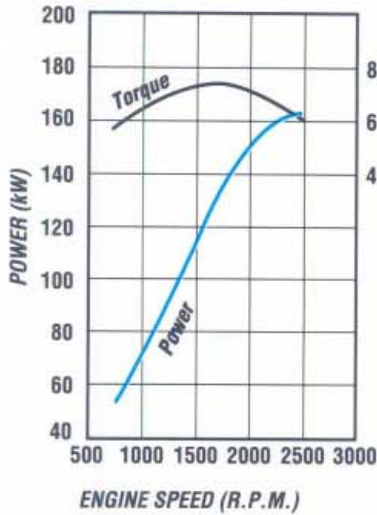


1400

FVZ 1400 MEDIUM/AUTO

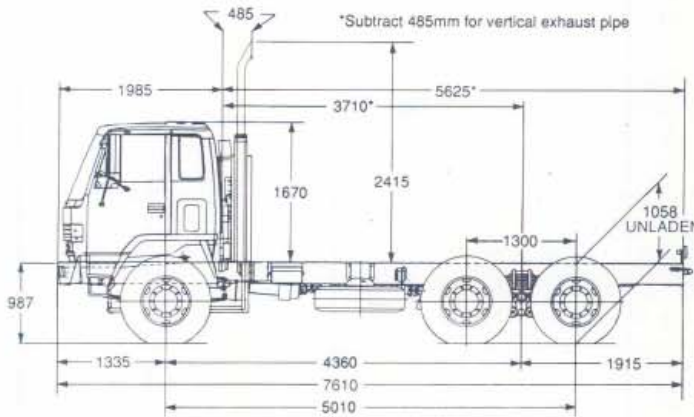
GVM: 22,500kg
GCM: 31,750kg
WHEELBASE: 4,360mm

ISUZU 6SA1-T ENGINE PERFORMANCE

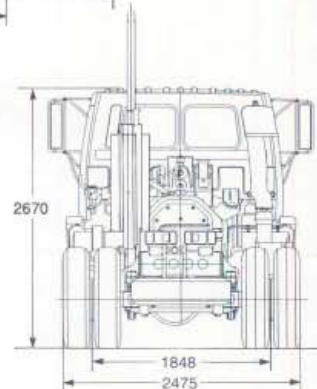


- Type: 6 cylinder, turbocharged, overhead camshaft diesel, four stroke, direct injection.
- Bore x Stroke 115 x 135 mm
- Displacement 8413 cc
- Compression Ratio 16.5:1
- Output-Power 163 kW @ 2550 rpm (DIN Nett)
- Torque 735 Nm @ 1700 rpm (DIN Nett)

DIMENSIONS AND WEIGHTS



| | |
|--------------------------------|-----------|
| *ESTIMATED KERB MASS (kg) | |
| FRONT | 3130 3050 |
| REAR | 3620 3680 |
| TOTAL | 6750 6730 |
| FRAME WIDTH (mm) | 850 |
| TURNING CIRCLE (m) | |
| Kerb to Kerb | 16.6 |
| BODY LENGTH (mm) | 5486 |
| Subject to weight distribution | |



*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

12/30 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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1400

FVZ 1400 MEDIUM/AUTO (ALLISON MT653)

**ORDERING CODE:
8FU02-751**

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:

- Six blade plastic cooling fan, size 520 mm diameter with thermatic fan clutch.
- Horton 7 blade air assisted (Auto only).
- 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.
- In line paper filter, see through water separator with drain cock.
- Fuel tank capacity 200 litres.
- Vertical exhaust muffler, mounted on independent gantry with heat shield.

CLUTCH

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

TRANSMISSION - Fuller Road Ranger RT7608LL

- Ten speed direct drive, range change, oil capacity 9.2 litres.
- Gear Ratios:1

| | | | |
|----------------|-------|--------------------|-------|
| Low Low | 18.81 | 6th | 1.83 |
| Low | 12.31 | 7th | 1.36 |
| 1st | 8.24 | 8th | 1.00 |
| 2nd | 6.07 | Reverse H | 3.52 |
| 3rd | 4.51 | Reverse L | 11.87 |
| 4th | 3.32 | Reverse L.L | 17.87 |
| 5th | 2.48 | | |

- Maximum geared speed 99.6 km/h.
- One piece propeller shaft, 114.3 mm diameter Length 745 mm.
- Inter axle propeller shaft, 90 mm diameter Length 635 mm.
- Allison MT653 5 speed Direct Auto (Optional).

REAR AXLE - (E)DS451P CAPACITY 18,500kg

- Banjo type, fully floating, single reduction.
- Tandem drive, with inter axle diff lock. Ratio 4.875:1
- Spiral bevel type ring gear, 420 mm diameter Oil capacity Front 18 litres Rear 17 litres

REAR SUSPENSION

- Isuzu 6 rod, type with semi-elliptical alloy steel multi-leaf springs.
- Size: 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 multi-leaf springs. Fully wrapped eye with greasable shackles.
- Size: length - width x thickness, No. leaves:

| |
|------------------------|
| 1470 - 80 x 12, 1 leaf |
| 80 x 13, 4 leaves |
| 80 x 14, 1 leaf |
| 80 x 16, 1 leaf |
| 80 x 18, 1 leaf |

- 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.

BRAKES

- 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 system. Activation switch on wiper/washer control stalk.

CHASSIS FRAME

- Parallel rail, ladder type, channel section, cold rivetted.
- Side member dimensions 254 x 85 x 8 mm
- Frame reinforcement angle section 238 x 77 x 4.5 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.
- 11R 22.5 - 16 ply radial 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 - 5.5 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°, electro deposition primer, torsion bar counter balanced.
- Heavy duty bumper bar with 4 rectangular halogen headlamps inset.
- Combination turn signal 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 fluid checks without tilting cab.
- Tool kit with 10,000 kg capacity jack.

CAB INTERIOR

- Fully trimmed cab interior with two tone cloth seat facings, formed roof lining and overhead parcel shelf with driver and passenger sun visors.
- 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 retractor, 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 outlets to screen, 5 fascia outlets, 5 foot outlets.
- AM/FM radio with digital clock, dash mounted.
- Park brake activation lever beside drivers seat.

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.

WARNING LAMPS

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

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.
- Controls for diff lock engagement and emergency park brake release.