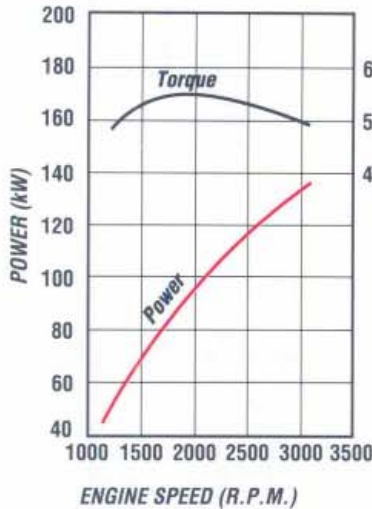


# 9000

**FVR 900 LONG**

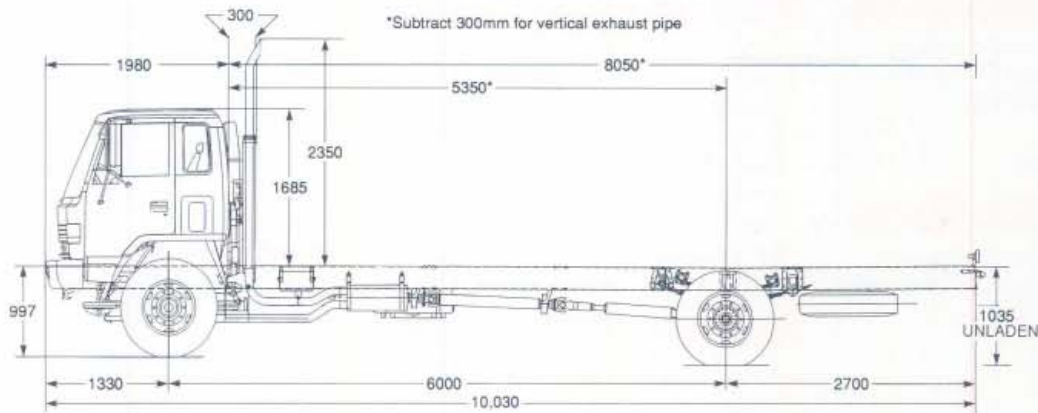
**GVM: 16,000kg  
GCM: 24,000kg  
WHEELBASE: 6,000mm**

## ISUZU 6SA1 ENGINE PERFORMANCE

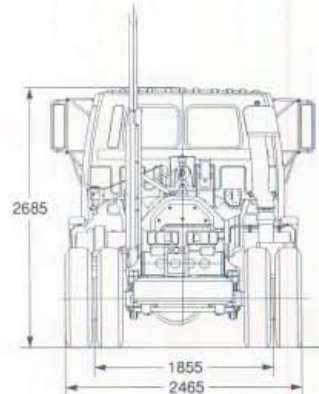


- Type: 6 cylinder, overhead camshaft diesel, four stroke, direct injection
- Bore x Stroke 115 x 135 mm
- Displacement 8413 cc
- Compression Ratio 16.5:1
- Output-Power 134 kW @ 2520 rpm (DIN Nett)
- Torque 560 Nm @ 1400 rpm (DIN Nett)

## DIMENSIONS AND WEIGHTS



*ESTIMATED KERB MASS (kg)	
FRONT	2940
REAR	2280
TOTAL	5220
FRAME WIDTH (mm)	850
TURNING CIRCLE (m)	
Kerb to Kerb	22.1
BODY LENGTH (mm)	7320
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

12/50 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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CT3296 4/92

ISUZU



# ISUZU 900

## FVR 900 LONG

**ORDERING CODE:**  
**8FR02-641**

### ENGINE - ISUZU 6SA1

#### Lubrication:

- Pressure feed lubrication with full flow paper element and partial flow sub filter. Plate type oil cooler in water jacket. Oil capacity 16.0 litres including filter.

#### Cooling System:

- Six blade plastic cooling fan, size 475 mm diameter with thermatic fan clutch.
- Tube and corrugated fin pressure type radiator with bell mouth fan shroud. Size (mm) 622 h x 559 w x 71 t. Frontal area 0.348 m<sup>2</sup>.
- Coolant capacity 25 litres.

### FUEL SYSTEM

- Two stage paper element air cleaner, Donaldson 11" 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.
- Horizontal exhaust muffler with vertical exhaust stack.

### CLUTCH

- Hydraulic control dry single plate with coil type cushioning springs. 350 mm (14") diameter. Lining area 1164 cm<sup>2</sup> (each side).
- Air Servo assistance.
- Asbestos free lining material.

### TRANSMISSION ISUZU MLD7R

- Seven speed overdrive, constant mesh with synchromesh on gears 2-7 and power assisted shift control, oil capacity 8.3 litres.

#### Gear Ratios:1

1st	8.181
2nd	5.167
3rd	3.333
4th	2.105
5th	1.347
6th	1.000
7th	0.863
Reverse L	8.307

- Maximum geared speed 99 km/h.
- Three piece propeller shaft, 101.6 mm diameter  
Length: 1st section 1104 mm  
2nd section 1409 mm  
3rd section 1190 mm

### REAR AXLE - CAPACITY 10,500kg

- Banjo type, fully floating, single reduction. Ratio 5.571:1
- Hypoid type ring gear, 431 mm diameter  
Oil capacity 8 litres

### REAR SUSPENSION

- Semi-elliptical, alloy steel tapered multi leaf springs. Fully wrapped eye with greasable shackles.
- Size - length x width x thickness, No. leaves:

- Main: 1420 x 100 x 12 mm - 8 leaves
- Auxiliary: 980 x 100 x 10 mm - 2 leaves  
980 x 100 x 11 mm - 4 leaves

- Stabiliser bar.

### FRONT AXLE CAPACITY - 6,300kg

- 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 taper leaf springs. Fully wrapped eye with greasable shackles.
- Size - length x width x thickness, No. leaves:  
1470 x 80 x 20 mm - 1 leaf  
1470 x 80 x 22 mm - 2 leaves
- 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 8690.6 cm<sup>2</sup>.
- Air tank capacity 50 litres, with air dryer.
- Compressor bore x stroke 85 x 60 mm driven at half engine speed.
- Spring parking brake acting on rear wheels.
- 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 224 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.
- 11R 22.5 - 16 ply radial tyres.
- Number of tyres, 7 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 with silicon sealed hydraulic mountings.
- Heavy duty bumper bar with 4 rectangular halogen headlamps inset.
- Combination turn signal and park lamps.
- Laminated windshield, 2 speed wiper/washer with intermittent mode.
- Front and rear quarter vent windows.
- 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.

### CAB INTERIOR

- Fully trimmed cab interior with cloth seat facings, formed roof lining and overhead parcel shelf with driver and passenger sun visors.
- ISRI 5000 drivers seat with mechanical suspension and lumbar support, adjustment for seat back recline, seat slide and height control.
- Outboard 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 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.