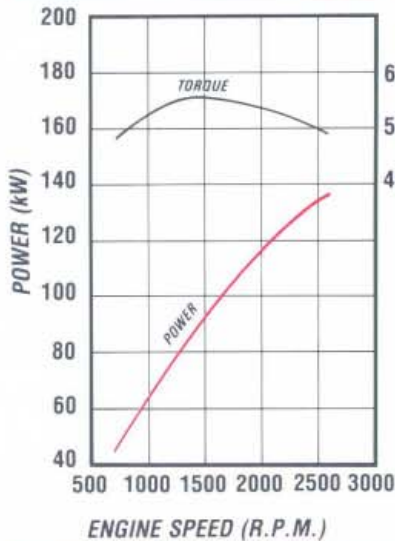


# 900

FVR 900 LONG

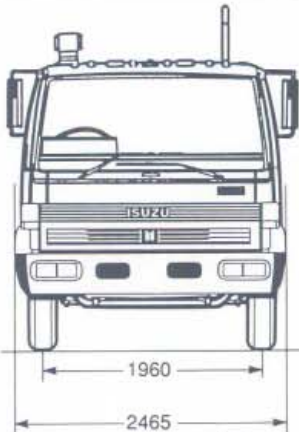
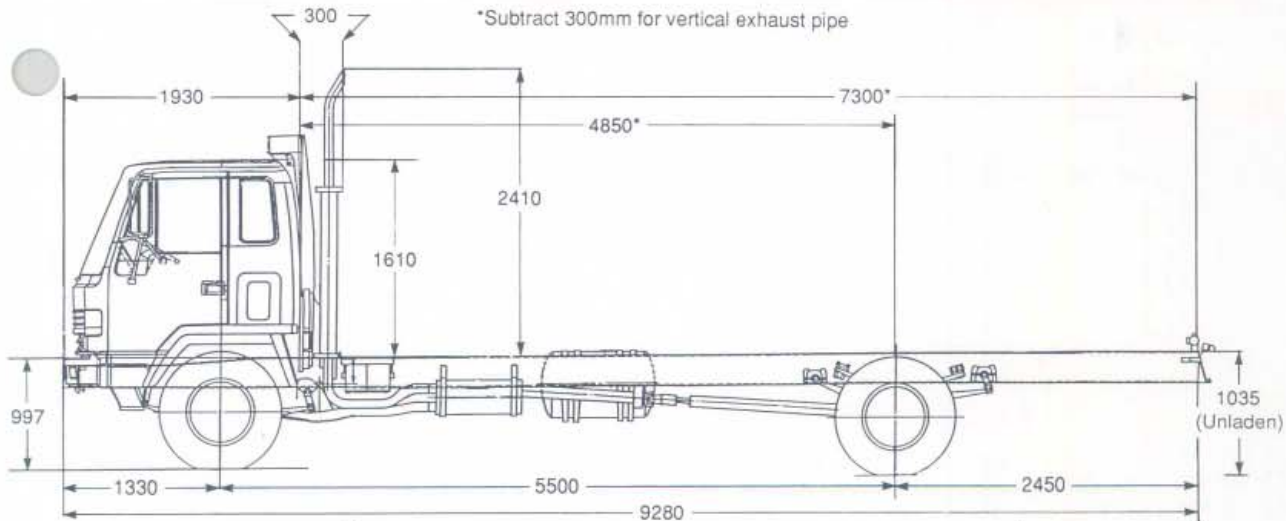
GVM 15,000 kg  
GCM 24,000 kg  
WHEELBASE 5,500 mm

## ISUZU 6SA1 ENGINE PERFORMANCE

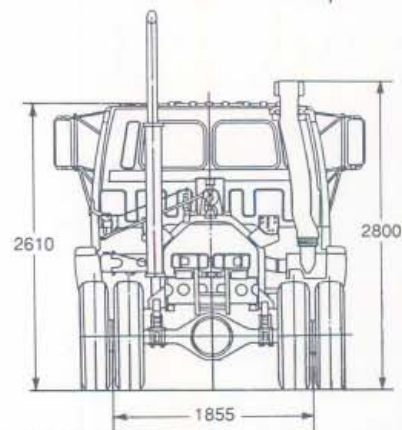


- Type: 6 Cylinder Diesel, four stroke, overhead camshaft, direct injection
- Bore x Stroke (mm) 115 x 135
- Displacement 8413 (cc)
- Compression ratio (:1) 16.5
- Output-Power (kW) 134 @ 2520 rpm (DIN Nett)
- Torque (Nm) 560 @ 1400 rpm (DIN Nett)

## DIMENSIONS



*ESTIMATED KERB MASS (kg)	
FRONT	2870
REAR	2130
TOTAL	5000
FRAME WIDTH (mm) 850	
TURNING CIRCLE (m)	
kerb to kerb	19.3
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.

PLEASE NOTE: as the policy of Isuzu-General Motors Australia Motors is one of continual product improvement, all specifications and equipment are subject to change without notice. Body illustrated are not standard. No I-GM dealer or other person is authorised or permitted to give or make any statement, assertion or undertaking in relation to the quality performance characteristics descriptions or fitness for any purpose of any I-GM product or in connection with the supply of any I-GM product which is at variance with any written statement assertion or undertaking on any of these subjects given or made by Isuzu-General Motors Australia Limited in its published sales literature, and the company accepts no liability for any such unauthorised action. Isuzu-General Motors Australia Limited has franchised dealers in many parts of Australia. For the sale of service parts and the provision of service to owners of I-GM products. Every endeavour is made to ensure that such dealers carry adequate stocks of service parts, and are equipped to provide satisfactory service, but makes no promise, other than that contained in the New Vehicle Warranty given by Isuzu-General Motors Australia Limited, that such parts or service facilities will be available, or available at any specific location or any particular time.

CT2930-10/91

# ISUZU



# ISUZU 900

## FVR 900 LONG

**ORDERING CODE**  
**8EU02-641**

### ENGINE - ISUZU 6SA1

#### Lubrication:

- Pressure feed lubrication with full flow paper element filter, oil cooler. Oil capacity 13.5 litres including filter.

#### Cooling System:

- Six blade plastic cooling fan with thermatic clutch, size 475 mm diameter.
- In line plunger, Bosch 'AD' type fuel injection pump with mechanical all speed governor.
- Size (mm) 622h x 599w x 71t. Frontal area 0.348 m<sup>2</sup> with bell mouth fan shroud.

### FUEL SYSTEM

- Two stage paper element air cleaner, Donaldson 11" with high 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 stack.

### CLUTCH

- Hydraulic control, dry single plate with 6 coil type cushioning springs, 380 mm diameter. Lining area 1362 cm<sup>2</sup>, torque capacity 735 Nm.
- Air servo assistance.

### 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	8.307

- Maximum geared speed 99.8 km/h.
- Three piece propeller shaft, 90 mm diameter.

#### Length:

1st section	856 mm
2nd section	1141 mm
3rd section	1257 mm

### REAR AXLE - CAPACITY 10,500 kg

- Banjo type, fully floating, single reduction. Ratio: 5.571:1.
- Hypoid type ring gear: 420 mm diameter
- Oil capacity: 8 litres

### REAR SUSPENSION - CAPACITY 14,600 kg

- Semi-elliptical alloy steel, tapered multi-leaf springs. Fully wrapped eye with greasable shackles.
- Size - length x width x thickness:
 

Main	1200 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 6,000 kg

- Reverse Elliot I-beam type. King pin diameter 50 mm with cylindrical roller thrust bearing.

### FRONT SUSPENSION - CAPACITY 6,900 kg

- Semi elliptical, alloy steel, tapered, multi-leaf spring. Fully wrapped eye with greasable shackles.
- Size - length x width x thickness:
 

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. Number of turns lock to lock 5.4.
- Gear driven vane type oil pump, oil capacity 2.5 litres.

### BRAKES

- Air over hydraulic, dual circuit, front and rear leading/trailing. Drum diameter 410 mm front and rear. Total lining area 5300 cm<sup>2</sup>.
- 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 riveted.
- Side member dimensions - 254 x 85 x 8 mm
- Frame reinforcement L section 220 x 77 x 4.5mm at back of cab.
- High tensile steel, HT55 weldable frame material.

### WHEELS AND TYRES

- 8.25 T x 22.5 - 10 stud disc wheels front and rear, 22 mm bolt size.
- 11 R 22.5 - 16 ply tubeless radial tyres. Front - Goodyear G159. Rear and spare - Goodyear G291, number of tyres 7, including spare.
- Winch type spare wheel carrier.

### ELECTRICAL SYSTEM

- Batteries 2 x 12 volt - 53 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°. Cation electro deposition primer. Torsion bar counter balanced.
- Heavy duty bumper bar with four rectangular halogen headlamps inset.
- Access to engine fluid checks without tilting cab.

- Combination turn signal and park lamps.
- West Coast type rear view mirrors with clearance lamps.
- Laminated windshield, 2 speed wiper with intermittent mode and washers.
- Front and rear quarter vent windows.
- Corrosion resistant, non-slip, cab entry steps.
- 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 driver's seat with mechanical suspension, 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 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 level beside driver's 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 brake fluid, low air pressure, air cleaner clogged, stop and tail lamp failure.

### SWITCHES

- Left side combination switch for exhaust brake, wipers and washers.
- Hazard lamp switch.
- Right side combination switch for headlamps, turn signals and headlamp dip.
- Key operation for engine stop and start, external engine crank switch for service when cab is tilted.
- 24 Volt 2 pin accessory plug on centre fascia.
- Three way switch for interior lamp activated by driver and passenger doors.