





# 800

FSR 500 CREW CAB

ORDERING CODE  
8EP03-421

## ENGINE - ISUZU 68G1

### Lubrication:

- Pressure feed lubrication with full flow paper element filter, oil cooler. Oil capacity 12.5 litres including filter.

### Cooling System:

- Six blade plastic cooling fan with thermatic clutch. Size 475 mm diameter.
- Tube and corrugated fin pressure type radiator. Size 622h x 559w x 53t. Frontal area 0.348 m<sup>2</sup> with bell mouth fan shroud.

## FUEL SYSTEM

- Two stage paper element air cleaner Donaldson 9" with high vertical air intake stack and rain head
- In line plunger, Bosch 'A' 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. 350 mm (14") diameter. Lining area 1164 cm<sup>2</sup> (both sides).

## 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 99.6 km/h.
- Three piece propellor shaft, 90 mm diameter.

Length: 1st section:	686 mm
2nd section:	861 mm
3rd section:	1282 mm

## REAR AXLE - CAPACITY 9,200 kg

- Banjo type, fully floating, single reduction.  
Ratio: 6.143:1  
Hypoid type ring gear: 398 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: 1420 x 80 x 12 mm - 1 leaf  
1420 x 80 x 13 mm - 6 leaves  
Auxiliary: 1000 x 80 x 13 mm - 4 leaves  
1000 x 80 x 12 mm - 2 leaves
- Stabiliser bar.

## FRONT AXLE - CAPACITY 5,000 kg

- Reverse Elliot I-beam type. King pin diameter 45 mm with cylindrical roller thrust bearing.

## FRONT SUSPENSION - CAPACITY 6,300 kg

- Semi elliptical alloy steel, tapered multi-leaf springs. Fully wrapped eye with greasable shackles.
- Size - length x width x thickness:  
1470 x 80 x 18.7 mm - 1 leaf  
1470 x 80 x 20.8 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

- Air over hydraulic, dual circuit front and rear leading/trailing. Drum diameter. Front and rear 410 mm. Total lining area 4640 cm<sup>2</sup>.
- 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 253 x 80 x 7.5 mm.
- Frame reinforcement angle section 240 x 72.5 x 4.5mm at cab back.
- High tensile steel, HT55 weldable frame material.

## WHEELS AND TYRES

- 7.00 T x 20 - 8 stud disc wheels front and rear, 20 mm bolt size.
- 9.00 R 20 - 14 ply Goodyear G291 tubed radial tyres front and rear. Number of tyres 7, including spare.
- Winch type spare wheel carrier.

## ELECTRICAL SYSTEM

- Batteries 2 x 12 volt - 55 amp/hour, 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, power tilt, four door cab, cation electro deposition primer.
- Heavy duty bumper bar with four rectangular halogen head lamps inset.
- 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 side quarter vent windows.
- Corrosion resistant non slip cab front entry steps.
- Steel rear entry steps.
- Exterior grab handles on 'B' and 'C' pillars.
- Tool kit with 10,000 kg capacity jack.

## CAB INTERIOR

- Air suspension driver's seat, reclining with seat slide and height control.
- Outboard passenger seat, folding centre seat back with lockable compartment and snack tray.
- Rear 4 seater bench seat.
- All outboard seats have lap/sash seat belts with emergency locking retractor, inboard seats have lap belts.
- Vinyl seat material, padded roof lining and heavy duty vinyl floor mat.
- Overhead parcel shelf with driver and passenger sunvisors.
- Easy entry grab handles on 'A' and 'B' pillars full length grab rail for rear passengers.
- Soft feel urethane steering wheel.
- Heater demister with 4 speed fan, 4 outlet vents to screen, 5 fascia outlets, 5 foot outlets.
- AM/FM radio with digital clock.
- Front and rear compartment lamps.

## INSTRUMENTATION

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

## INDICATOR LAMPS

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

## WARNING LAMPS

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

## SWITCHES

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