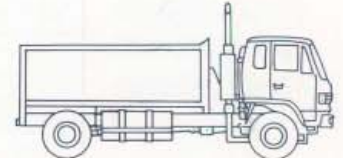
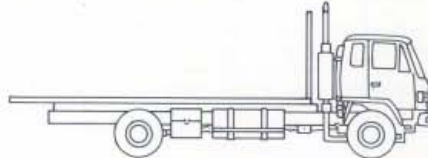
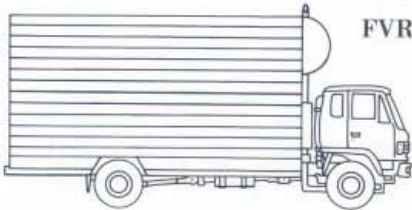


ISUZU TRUCK SPECIFICATIONS

900

4X2 CAB/CHASSIS

MODEL	ORDERING CODE
FVR 900 MEDIUM	8ER02-641
FVR 900 LONG	8EU02-641
FVR 900 TURBO	8EU02-653
FVR 900 TURBO (OVERDRIVE)	8EU02-655



MODEL RANGE SUMMARY

	ENGINE		TRANSMISSION		AXLE FRONT		AXLE REAR	WHEELBASE (mm)		BRAKES		
	6SA1 8.4/	6SA1-T 8.4/ Turbo	MLD7R 7 Spd	FULLER RT6610 10 Spd	FULLER RTO6610 10 Spd	6,000kg Cap.	10,500kg Cap.	Ratio	4200	5500	AOH	Full Air S Cam
FVR 900 MEDIUM	●		●			●	●	5.571	●		●	
FVR 900 LONG	●		●			●	●	5.571		●	●	
FVR 900 TURBO		●		●		●	●	4.556		●		●
FVR 900 TURBO O/DRIVE		●			●	●	●	4.556		●		●

RATINGS

	GVM (kg)	GCM (kg)	TYRES	ESTIMATED KERB MASS (kg) *			MAX GEARED SPEED (km/h)
				Front	Rear	Total	
FVR 900 MEDIUM	15,000	24,000	11 R 22.5-16PR Tubeless Radial	2653	2066	4719	103
FVR 900 LONG	15,000	24,000		2820	2130	4950	103
FVR 900 TURBO	15,000	30,000		2910	2260	5170	105
FVR 900 TURBO O/DRIVE	15,000	24,000		2910	2260	5170	131*

• Chassis and cab with oil, water and fuel tank containing 10 litres of fuel.
 * Recommended maximum vehicle operating speed 120 km/h



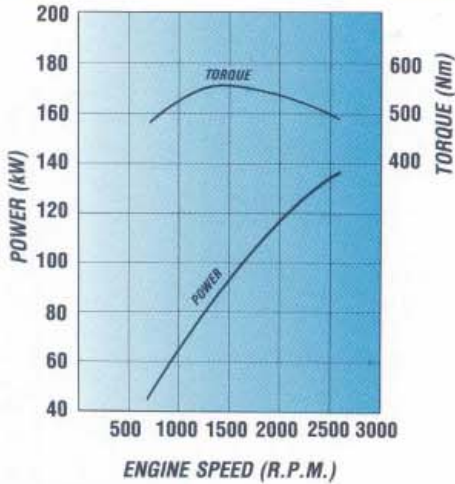
MECHANICAL Cab/Chassis Components

		FVR 900 MED.	FVR 900 LONG	FVR 900 TUR.	FVR 900 TUR. O/D	
AXLE FRONT	Type: Reverse Elliot I beam	●	●	●	●	
	Capacity: 6,000 kg.	●	●	●	●	
AXLE REAR	Type: Banjo, fully floating	●	●	●	●	
	Capacity: 10,500 kg	●	●	●	●	
	Final Gear: 420mm diameter Hypoid	●	●			
	440mm diameter Hypoid			●	●	
	Ratio: 5.571:1	●	●			
	Ratio: 4.556:1			●	●	
BRAKE AUXILIARY BRAKE PARKING BRAKES, SERVICE	Exhaust brake	●	●	●	●	
	Type: Spring park brake acting on rear wheels	●	●	●	●	
	Type: Air over hydraulic dual circuit, front and rear leading - trailing	●	●			
	Total lining area: 5300cm ²	●	●			
	Brake drum diam: 410mm front and rear	●	●			
	Brake lining: front: 140 (w) x 414 (l) x 16 (t) mm	●	●			
	rear: 180 (w) x 414 (l) x 16 (t) mm	●	●			
	Compressor: Gear driven at half engine speed, bore x stroke 85 x 60mm	●	●			
	Type: Full air, S Cam , dual circuit. Front and rear-leading and trailing			●	●	
	Brake drum diam: 410mm front and rear			●	●	
	Brake lining: front: 140 (w) x 414 (l) x 16 (t) mm			●	●	
	rear: 180 (w) x 414 (l) x 16 (t) mm			●	●	
	Total lining area 5300cm ²			●	●	
	Air tank capacity: 50 litres total			●	●	
	Compressor: Driven at half engine speed, displacement 0.34 litres/rev			●	●	
	CABIN	EXTERIOR				
		■ All steel tilt cab ■ Cation electro deposition primer ■ Manual tilt - 45°				
■ Laminated windshield ■ 2 speed wiper with intermittent function and washer						
■ West coast type exterior mirrors with width lamps ■ Dual square Halogen headlamps ■ Fog lamps ■ Combination turn and park lamps ■ Corrosion resistant cabin entry steps ■ Vertical air intake stack ■ Tool kit with 10,000kg capacity jack ■ Access to engine fluid checks without cab tilt operation		●	●	●	●	
INTERIOR						
■ Fully trimmed cabin interior including cloth seat facings ■ AM Radio		●	●	●	●	
■ Heater/Demister with 4 speed fan ■ Driver and passenger sunvisors						
■ Side vent windows ■ Formed roof lining ■ Overhead parcel shelf						
■ Tilt/telescopic steering wheel						
■ Isri 5000 driver's seat with mechanical suspension, adjustments for seat back recline, seat slide and height control. Outboard seats have lap/sash seat belts with emergency locking retractor. Centre seat with lap seat belt. Optional air conditioning.		●	●	●	●	
INSTRUMENTATION						
Speedometer with odometer, tachometer ■ GAUGES - water temperature, fuel level and brake air pressure	●	●	●	●		
■ INDICATOR LAMPS						
Turning indicators, headlamp high beam, exhaust brake on and park brake engaged	●	●	●	●		
■ WARNING LAMPS						
Oil pressure, water separator, low brake fluid, clogged air filter, clogged engine oil filter and low battery charge	●	●	●	●		
■ SWITCHES						
Left side combination switch for exhaust brake, wipers and washer. Hazard lamp switch. Fog lamp switch. Right combination switch for headlamps, turn signals and headlamp dip. Key operation for engine start and stop. Externally mounted switch for engine turnover with cab tilted (mounted on rear RH cab mount)	●	●	●	●		
CLUTCH	Type: Hydraulic control. Dry single plate with cushioning springs and air servo	●	●	●	●	
	Size: 380mm	●	●	●	●	
	Lining area: 1362cm ² (both sides)	●	●	●	●	
	Torque capacity: 578Nm	●	●	●	●	
ELECTRICAL SYSTEM	735Nm			●	●	
	Batteries: 2 x 12v 53 A/H ■ Alternator: 24v - 40A ■ Starter: 24v - 5.5kW	●	●	●	●	
	■ Dash mounted fuse box			●	●	

		FVR 900 MED.	FVR 900 LONG	FVR 900 TUR.	FVR 900 TUR. O/D
ENGINE	Isuzu 6SA1 Type: 6 Cylinder OHC diesel ■ Bore x stroke (mm) 115 x 135 ■ Displacement 8413 (cc) ■ Compression ratios (:1) 16.5 ■ Output - Power (kW) 135 @ 2,600 rpm (DIN Nett) ■ Torque (Nm) 560 @ 1,400 rpm (DIN Nett)	●	●		
	Isuzu 6SA1-T Type: 6 Cylinder Turbocharged OHC diesel ■ Bore x stroke (mm) 115 x 135 ■ Displacement 8413 (cc) ■ Compression ratios (:1) 16.3 ■ Output - Power (kW) 163 @ 2,500 rpm (DIN Nett) ■ Torque (Nm) 735 @ 1,700 rpm (DIN Nett)			●	●
	LUBRICATION Pressure feed with full flow paper element filter, oil cooler ■ Capacity: 13.5 litres, including filters 16.6	●	●	●	●
	COOLING Thermatic type 6 blade fan Size: 475mm Size: 520mm Radiator type: Tube and corrugated fin, pressure type ■ Size: 622h x 599w x 71t (mm) Frontal area: 0.348m ² with bell mouth fan shroud ■ Size: 682h x 559w x 80t (mm) Frontal area: 0.393m ² with bell mouth fan shroud	●	●	●	●
	AIR CLEANER Paper element, double stage, Donaldson (11"). Vertical air intake stack Paper element, double stage, Donaldson (13"). Vertical air intake stack	●	●	●	●
EXHAUST	Type: Vertical pipe Vertical muffler mounted on independent gantry	●	●	●	●
FRAME	Type: Ladder type channel section ■ Side member dimensions: 254 x 85 x 8mm ■ Frame reinforcement L Section 220 x 77 x 4.5 at cab back ■ Combined section modulus: 646 (10 ³ mm ³) ■ Frame material: High tensile steel HT55, weldable	●	●	●	●
FUEL SYSTEM	Injection pump: In line plunger, Bosch 'AD' type with mechanical all speed governor ■ Filters: In line paper filter, water separator with drain cock ■ Fuel tank capacity: 200 litres (cylindrical)	●	●	●	●
STEERING	Type: Fully integral, power assisted recirculating ball with gear driven hydraulic pump ■ Gear ratio: 22.4:1	●	●	●	●
SUSPENSION	FRONT Type: Semi-elliptical, alloy steel taper leaf spring with stabiliser bar Size: l x w x t (mm) : 1470 x 80 x 20 x 1 leaf : 1470 x 80 x 22 x 2 leaves Total capacity: 6,900 kg Shock absorbers: Hydraulic, double acting, telescopic	●	●	●	●
	REAR Type: Semi-elliptical, alloy steel multi-leaf springs Size: main: 1420 x 100 x 13-3 leaves, 14-4 leaves auxiliary: 980 x 100 x 11mm x 2 leaves 980 x 100 x 12mm x 5 leaves Total capacity: 1,7520 kg main: 1420 x 100 x 12-8 leaves auxiliary: 980 x 100 x 10-2 leaves 980 x 100 x 11-4 leaves Total capacity: 1,4600 kg	●	●	●	●
TRANSMISSIONS	Type: 7 speed overdrive Model: Isuzu MLD7R Gear Ratios: 1 -1st 2nd 3rd 4th 5th 6th 7th REV 8.181 5.167 3.333 2.105 1.347 1.000 0.863 8.307	●	●		
	Type: 10 speed direct drive Model: Fuller Roadranger RT 6610 Gear Ratios: 1 -1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th RH RL 8.94 7.00 5.46 4.26 3.42 2.61 2.05 1.60 1.25 1.00 2.78 9.50			●	
	Type: 10 speed overdrive Model: Fuller Roadranger RTO 6610 Gear Ratios: 1 -1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th RH RL 7.17 5.61 4.38 3.42 2.47 2.10 1.64 1.28 1.00 0.80 2.23 7.62				●
TYRES AND WHEELS	Tyre size: 11R 22.5 - 16 ply Tubeless Radial	●	●	●	●
	Wheel type and size: 8.25T x 22.5 10 stud disc	●	●	●	●
	No. of wheels: 7 (incl. spare)	●	●	●	●
	Tyre type/pattern: Front: Dunlop SP 311	●			
	Rear/Spare: Dunlop GB127	●			
	Front: Goodyear G159 Rear/Spare: Goodyear G291		●	●	●

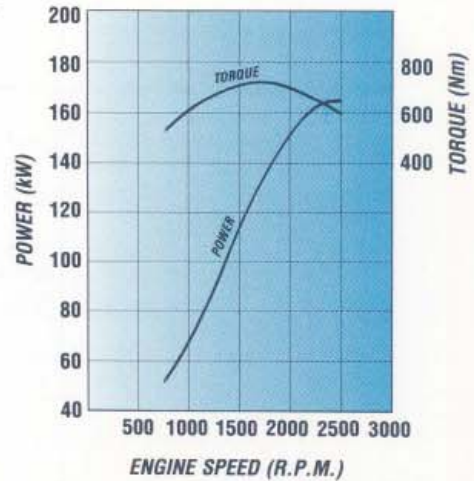
ENGINE PERFORMANCE

6SA1



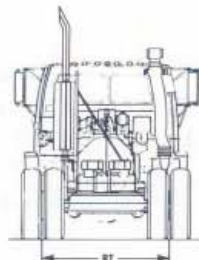
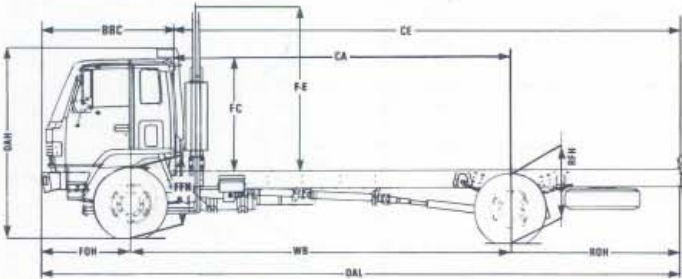
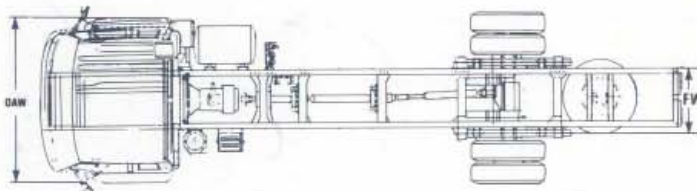
Type: 6 Cylinder OHC Diesel ■ Bore x stroke (mm) 115 x 135 ■ Displacement (cc) 8413 ■ Compression ratios (:1) 16.5 ■ Output - Power (kW) 135 @ 2,600 R.P.M.; ■ Torque (Nm) 560 @ 1,400 R.P.M (DIN Nett).

6SA1-T



Type: 6 Cylinder Turbocharged OHC Diesel ■ Bore x stroke (mm) 115 x 135 ■ Displacement (cc) 8413 ■ Compression ratios (:1) 16.3 ■ Output - Power (kW) 163 @ 2,500 R.P.M.; ■ Torque (Nm) 735 @ 1,700 R.P.M (DIN Nett).

DIMENSIONS



W/CN/CAB
LONG
1005
1065

FVR 900 MED. FVR 900 LONG FVR 900 TURBO FVR 900 TURBO D/D

	FVR 900 MED.	FVR 900 LONG	FVR 900 TURBO	FVR 900 TURBO D/D
OAL (Overall length)	7380	9230	9230	9230
WB (Wheelbase)	4200	5500	5500	5500
CA (Cab to axle)	*3550	*4850	*4850	*4850
CE (Cab to end of frame)	*5450	*7300	*7300	*7300
ROH (Rear overhang)	1900	2450	2450	2450
FOH (Front overhang)	1280	1280	1280	1280
BBC (Bumper to back of cab)	1930	1930	1930	1930
OAW (Overall width)	2465	2465	2465	2465
FW (Frame width)	850	850	850	850
FT (Front track)	1960	1960	1960	1960
RT (Rear track)	1855	1855	1855	1855
FFH (Front frame height)	997	997	997	997
RFH (Rear frame height)	1035	1035	1055	1055
FC (Frame to top of cab)	1610	1610	1670	1670
FE (Frame to top of exhaust)	2410	2410	2410	2410
OAH (Overall height to top of air intake duct)	2800	2800	2860	2860
Turning Circle (m) kerb to kerb	14.6	19.3	19.3	19.3

ISUZU-GENERAL MOTORS AUSTRALIA LTD. 12/50 WARRANTY.
Every Isuzu F Series 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 Ltd. is one of continual product improvement, all specifications and equipment are subject to change without notice. Bodies 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 Ltd. in its published sales literature, and the company accepts no liability for any such unauthorised action. Isuzu-General Motors Australia Ltd. have 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 Ltd. that such parts or service facilities will be available, or available at any specific location or any particular time.

*CA and CE dimensions are effectively reduced by 300mm with fitment of vertical exhaust pipe.
•CA and CE dimensions are effectively reduced by 485mm with fitment of vertical muffler.

