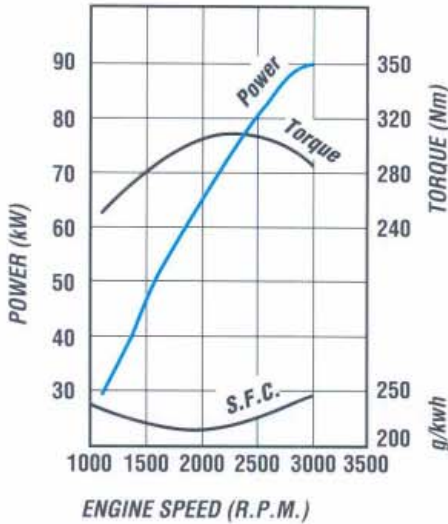


# 300

NPS 300 4 x 4

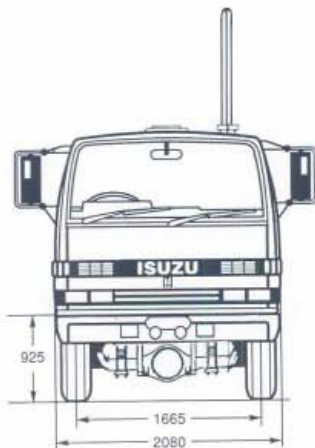
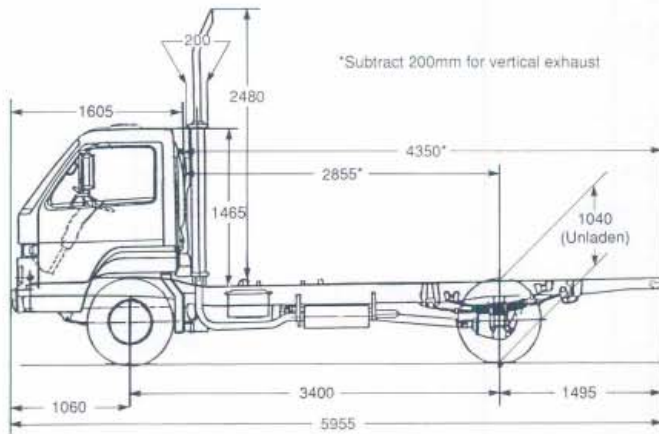
GVM 6,000kg  
GCM 8,000kg  
WHEELBASE 3400mm

## ISUZU 4BD1-T ENGINE PERFORMANCE

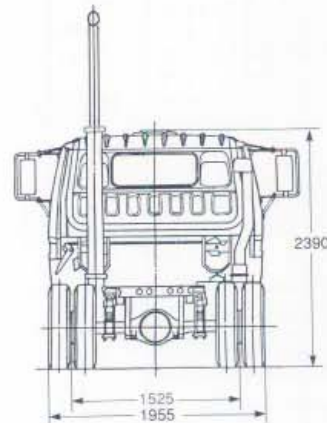


- Type: 4 cylinder turbocharged OHV diesel, four stroke, direct injection
- Bore x stroke: 102 x 118 mm
- Displacement: 3856 cc
- Compression Ratio: 17.0:1
- Output - Power: 90 kW @ 3000 rpm (DIN Nett)
- Torque: 314 Nm @ 2200 rpm (DIN Nett)

## DIMENSIONS AND WEIGHTS



|                                  |      |
|----------------------------------|------|
| *ESTIMATED KERB MASS (kg)        |      |
| FRONT*                           | 1730 |
| REAR                             | 800  |
| TOTAL                            | 2530 |
| FRAME WIDTH (mm)                 | 750  |
| TURNING CIRCLE (m)               |      |
| Kerb to Kerb                     | 14.0 |
| BODY LENGTH (mm)                 | 4570 |
| Subject to weight distribution   |      |
| RECOMMENDED MAX. BODY WIDTH (mm) | 2286 |



\*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

12/20 WARRANTY. Every Isuzu Truck is covered by the I-GM new vehicle warranty which covers your vehicle for the first 12 months or 20,000 kilometres.

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CT4225 6/93

ISUZU







# 300

NPS 300 4 x 4

**ORDERING CODE:**  
**8NW02-231**

## ENGINE - ISUZU 4BD1-T

### Lubrication

- Pressure feed lubrication with full flow paper element and partial flow sub filter, capacity 8.8 litres including filter. Plate type oil cooler in water jacket.

### Cooling System

- Eight blade plastic cooling fan, size 400 mm diameter, with thermatic clutch.
- Tube and corrugated fin pressure type radiator. Size (mm) 547 h x 471 w x 54 t. Frontal area 0.258 m<sup>2</sup>.

## FUEL SYSTEM

- Cartridge type paper element air cleaner, mounted high up on the chassis, with vertical air intake stack mounted behind cab.
- In line plunger, Bosch 'A' type fuel injection pump with mechanical all speed governor. In line paper filter. Fuel/water sedimentor with warning lamp.
- Fuel tank capacity of 125 litres.
- Horizontal exhaust muffler with vertical exhaust stack.

## CLUTCH

- Hydraulic control, dry single plate with diaphragm spring, asbestos free clutch plate 300 mm diameter. Total lining area (both sides) 847 cm<sup>2</sup>.

## TRANSMISSION ISUZU MSA5S

- Five speed overdrive, synchromesh, with remote control short gear lever.
- High-low ratio lever on steering column.

### Gear ratios:1

|         |       |
|---------|-------|
| 1st     | 4.987 |
| 2nd     | 2.870 |
| 3rd     | 1.684 |
| 4th     | 1.000 |
| 5th     | 0.728 |
| Reverse | 4.777 |

- Maximum geared speed 103 km/h.
- 2 speed transfer case

### Ratios:1

|      |       |
|------|-------|
| High | 1.000 |
| Low  | 1.868 |

- 3 piece propeller shafts      diameter      length
- Transfer case to front axle      82.6mm      655mm
- Transfer case to centre bearing      82.6mm      501mm
- Centre bearing to rear axle      82.6mm      981mm

## REAR AXLE - CAPACITY 5000 KG

- Banjo type, fully floating, single reduction. Ratio: 6.142:1. Hypoid type ring gear: 292 mm diameter. Oil capacity: 3 litres.

## REAR SUSPENSION - CAPACITY 4000 KG

- Semi elliptical, alloy steel tapered multi leaf springs, with fully wrapped eye.
- Size: length - width x thickness; no. leaves  
Main: 1300 - 70 x 11 mm - 4 leaves  
70 x 10 mm - 2 leaves  
Auxiliary: 850 - 70 x 8 mm - 7 leaves
- Hydraulic, double acting, telescopic shock absorbers.

## FRONT AXLE - CAPACITY 2600 KG

- Banjo type, fully floating with Birfield type steering ball joint, manual locking free wheeling hubs. Ratio 6.142:1.

## FRONT SUSPENSION - CAPACITY 2600 KG

- Semi elliptical, alloy steel tapered multi-leaf springs, with fully wrapped eye.
- Size: length - width x thickness; no. leaves  
1200 - 70 x 10 mm - 3 leaves  
70 x 11 mm - 1 leaf  
70 x 16 mm - 1 leaf
- Stabiliser bar.
- Hydraulic, double acting, telescopic shock absorbers.

## STEERING

- Fully integral power assisted recirculating ball type. Gear ratio 21.9:1. Turns lock to lock 5.0.
- Gear driven vane type oil pump, oil capacity 1.6 litres.

## BRAKES

- Hydraulic dual circuit, vacuum assisted, front two leading, rear dual two leading. Drum diameter front and rear 320 mm. Total swept area 4019 cm<sup>2</sup>.
- Asbestos free lining material. Width 100mm.
- Mechanical park brake, internal expanding at rear of transmission.
- Butterfly, vacuum controlled exhaust brake system. Activation switch on wiper/washer control stalk.

## CHASSIS FRAME

- Ladder type, channel section, cold rivetted.
- Side member dimensions 203 x 65 x 6 mm.

## WHEELS AND TYRES

- 6.00 GS x 16 - 6 stud disc wheel, 16 mm bolt size. 127 mm offset.
- 7.50 R - 16 LT - 10 ply (Olympic Steeltrek) tyres.
- Option: 750 - 16 LT - 10 ply.
- Number of tyres, 7 including spare.
- Winch type spare wheel carrier.

## ELECTRICAL SYSTEM

- Batteries - 2 x 12 volt - 50 Amp/h, negative earth.
- Alternator - 24 volt - 40 Amp.
- Starter motor - 24 volt - 4.5 kW output.

- Rear stop and tail lamps with long leads for variable body mounting.

## CAB EXTERIOR

- All steel cab, manual tilt to 45°, aluminium non-slip entry steps.
- West Coast type rear view mirrors with clearance lamps.
- Access to fluid checks without tilting cab.
- Laminated windshield, 2 speed wiper/washer with intermittent mode.
- 4 rectangular sealed beam headlamps.
- Combination turn signal and park lamps.
- Front quarter vent windows.
- Cab roof air vent with fore and aft tilt.
- Tool kit with 5000 kg capacity jack.
- Engine access hatch in floor.

## CAB INTERIOR

- Adjustable and reclining drivers bucket seat with lumbar support, 2 place passenger bench seat.
- Cloth seat material.
- Retractable lap/sash seat belts on outboard seats, lap belt on inboard seat.
- Driver and passenger sun visors, padded roof lining.
- Tilt telescopic adjustable steering column with soft feel urethane steering wheel.
- Easy access pull down fuse cover.
- Easy entry grab handles on 'A' pillar.
- Windshield washer tank located in passenger door.
- Heater demister with 3 speed fan.
- AM/FM radio with digital clock, dash mounted.
- Optional air conditioning.

## INSTRUMENTATION

- Speedometer with odometer and trip meter.
- Tachometer.
- Gauges for coolant temperature and fuel level.

## INDICATOR LAMPS

- Turn signals, parking brake on, high beam on, exhaust brake engaged, 4 wheel drive engaged.

## WARNING LAMPS

- Battery charge, oil pressure, brake failure, fuel level, coolant level, glow plug and water separator.

## SWITCHES

- Left side combination switch for exhaust, brake, wipers and washer.
- Right side combination switch for turn signals and headlamps.
- Hazard switch.
- 4 wheel drive engagement switch.
- Key operation for engine stop start and steering wheel lock.
- Three way switch for interior lamp activated by driver and passenger doors.
- Fast engine warm-up control.