

# ISUZU

**RELIABILITY IS EVERYTHING**

**Ratings:**

G.V.M: 8000 kg  
 G.C.M: 9500 kg  
 Wheelbase: 3365 mm  
 Ordering Code: NP07

## NPR475 4x2 Truck

### ISUZU 4HE1-TC ENGINE PERFORMANCE

Type: 4 Cylinder, in line OHC direct injection  
 Four stroke, turbo charged diesel  
 Bore x Stroke: 110 x 125 mm  
 Displacement: 4,751 cc  
 Compression Ratio: 18.0:1  
 Power output: 117 kW at 2900 rpm ( 160 ps)  
 Torque: 411 Nm @ 1700 rpm (303 lb/ft)

### DIMESIONS AND WEIGHTS

Estimated kerb mass (kg):  
 Front  
 Rear  
 Total 3020 ( with body)  
 Frame Width: 750 mm  
 Turning Circle (m) (kerb to kerb): 13.7  
 Ground clearance (min): 190 mm

### TRANSMISSION

Isuzu MBP6P - 6 speed overdrive with synchromesh on all gears.



Wheelbase	3365 mm	Front overhang	1085 mm
		Rear overhang	1620 mm
Cab to rear axle	3200 mm	Cab to rear of frame	4365 mm
Front axle to rear of cab	505 mm		
Overall width	1995 mm	Overall length	6090 mm
Overall height	2235 mm		

Isuzu New Zealand reserves the right to change prices and specification at any time without notice

October 1998

<p><b>ENGINE - ISUZU 4HE1-TC</b>  <b>Lubrication:</b>          Pressure feed lubrication with full flow partial flow paper element filters          Oil capacity: 13.0 litres  <b>Cooling system:</b>          Water cooled system thermostatically controlled with pressure vented radiator          Remote mounted coolant surge tank, gear driven pump and cooling fan          Temperature modulated viscous hub fan clutch          Coolant capacity: 14 litres  <b>Fuel System</b>          "Zexel" injection pump and Bosch 4 hole injectors          Mechanical governor          Mechanical fuel pump          Paper element air cleaner with raised vertical air stack behind cab.          Fuel tank capacity: 125 litres  <b>Clutch:</b>          Hydraulic control, dry, single plate with diaphragm spring, asbestos free clutch plate 325 mm diameter          Auto adjusting clutch cylinder  <b>Transmission - MBP6P</b>          6 speed overdrive, synchromesh with floor mounted short-throw gear shift &amp; remote linkage to gearbox  <b>Gear Ratio:</b></p> <table border="1"> <thead> <tr> <th>Gear</th> <th>Ratio</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>6.378</td> </tr> <tr> <td>2</td> <td>3.627</td> </tr> <tr> <td>3</td> <td>2.239</td> </tr> <tr> <td>4</td> <td>1.452</td> </tr> <tr> <td>5</td> <td>1.000</td> </tr> <tr> <td>6</td> <td>0.787</td> </tr> </tbody> </table> <p>Rev 1    6.595</p> <p>Reverse warning buzzer          Power take-off provision on left hand side          Maximum geared speed on standard tyres: 113 km/hr          Calculated maximum rolling grade ability at manufactures GVM = 30.80%, GCM = 25.75 %  <b>Exhaust:</b>          Horizontal exhaust and muffler          Exhaust brake air operated  <b>Rear Axle - Capacity 5950 kg</b>          Isuzu heavy duty fully floating banjo type with hypoid single speed reduction          Ratio: 4.555: 1          Hypoid type ring gear 292 mm diameter          Oil capacity: 3.0 litres          Axle load restricted to 5480kg by tyres  <b>Rear Suspension</b>          Semi-elliptical alloy steel, tapered multi leaf springs.          Hydraulic, double acting, telescopic shock absorbers</p>	Gear	Ratio	1	6.378	2	3.627	3	2.239	4	1.452	5	1.000	6	0.787	<p><b>Front Axle - Capacity 2800 kg</b>          Reverse Elliot "1" beam type  <b>Front Suspension</b>          Semi-elliptical alloy steel, tapered, multi leaf springs,          Hydraulic, double acting, telescopic shock absorbers  <b>Steering</b>          Recirculating ball steering with integral power assistance          Ratio: 20.9:1          Turns lock to lock: 5.0          Gear driven vane type oil pump          Steering wheel of 410mm          Tilt, telescopic steering column adjustable for height and angle  <b>Brakes:</b>          Dual circuit, vacuum assisted hydraulic brake system          Front- two leading shoes          Rear-dual two leading shoes          Drum diameter front and rear: 320 mm          Total lining area: 1840 sq cm          Total swept area: 6032 sq cm          Transmission mounted internal expanding park brake          Auxiliary exhaust brake          Hillstart Aid  <b>Chassis Frame:</b>          Rolled steel ladder type channel section with cold riveted cross members          Side member dimensions: 173x65x6mm          Width across frame: 750mm  <b>Wheels and Tyres:</b>          One piece rim 5.5K x 16 with 116.5 mm offset, 5 stud, 16 mm bolt size          Tyres: 215/85R16 radial tubeless, single front and dual rear          Spare tyre located in winch carrier at side of frame. No tyres = 7 total  <b>Electrical System</b>          24 volt negative earth system with fuse protection for all major circuits.          Waterproof connectors used in all exposed areas          Battery: 2x12 volt, 60 amp/hour mounted on chassis side member with protection cover          Alternator: 12 volt, 40 amp with voltage regulator  <b>Cab Exterior</b>          Forward control, monocoque construction, high roof, cab over engine with welded strengthening ribs and side door impact beams          Cab tiltable to 45 with torsion bar assistance.          Laminated curved and tinted windshield, toughened side and rear glass          Large exterior Aero type mirrors left and right hand sides, with under view mirror on passenger side and electric fold in LH side          Front mud flaps          Cab finished in "Arc white" enamel paint</p>	<p><b>Cab Interior</b>          Deluxe trim with sound insulation          Vinyl floor mat          Adjustable highback reclining drivers seat          Double passenger seat with hinged cushion for interior engine access          Centre seat fold down for built in tray with clip board          Fresh air heater/demister with booster fan and Air Conditioning          Roof header tray          Door pockets          Interior rear view mirror          AM/FM radio cassette          Floor mounted gear shift lever          Passenger car style park brake control          Seat Belts                      Cigarette lighter          Central Locking                Interior Light          Power Windows  <b>Instrumentation</b>          Speedometer with electronic odometer          Tachometer          Gauges for: Fuel level and coolant temperature,  <b>Indicator Lamps</b>          Turn signals                      Parking Brake on          High beam                        Exhaust brake          Reversing lamp and beeper  <b>Warning Lamps</b>          Battery charge                   Oil pressure          Exhaust brake                   Low brake Fluid          Low fuel level  <b>Switches</b>          Combination stalk switch on LH side for windshield wiper, intermittent washer, exhaust brake          Combination stalk on RH side for headlamps, dip high beam, turn and fog lamps          Hazard flasher switch on dash          Key operation stop and start  <b>Lamps</b>          Rectangular, halogen headlamps          Front and rear combination park / flasher          Rear combination tail, stop and flasher          Reverse lamp  <b>Tools</b>          Hand tools and 4000 kg jack</p>
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