

ISUZU

SPECIFICATIONS

NQR 87/80-190

NQR 87/80-190 CREW



NQR 87/80-190 Crew



NQR 87/80-190

AUSTRALIA'S TOP SELLING TRUCK BRAND SINCE 1989.

AT A GLANCE

GVM	8,700 / 8,000 kg
GCM	12,200 / 11,500 kg
Power	140 kW @ 2,600 rpm
Torque	513 Nm @ 1,600 - 2,600 rpm

OPTIONS

Automated Manual Transmission (AMT) model: includes AMT

Access Hatch (AH) model: includes AMT / fixed cab mounting with hatch for engine access

ADVANCED TECHNOLOGY

Emissions: Euro V / ADR 80/03
Driver and passenger airbag with seatbelt pretensioner
ECE-R29 compliant cab
Anti-lock Braking System (ABS)
Stability Control System (IESC)
Anti Skid Regulator (ASR)

Hill Assist - except with AMT
Electric mirrors
Cruise control
Front and rear stabiliser bars
Driver suspension seat - except crew and AH models
Cornering lamps



ISUZU TRUCKS

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DRIVELINE AND CHASSIS SPECIFICATIONS

ENGINE: ISUZU 4HK1-TCC

Type: 4 cylinder 16 valve SOHC
Displacement: 5,193 cc
Compression ratio: 17.5:1
Bore x Stroke: 115 mm x 125 mm
Max power (DIN - NET): 140 kW (188 HP) @ 2,600 RPM
(JIS Gross): 145 kW (194 HP) @ 2,600 RPM
Max torque (DIN - NET): 513 Nm (378 lb.ft) @ 1,600 - 2,600 RPM
(JIS Gross): 531 Nm (392 lb.ft) @ 1,600 - 2,600 RPM
Induction system: Electronically controlled variable nozzle turbocharger with air-to-air intercooler.
Fuel injection: Direct injection high pressure common rail system.
Emission control system: Cooled EGR with exhaust Diesel Oxidation Catalyst (DOC). ADR 80/03 (Euro V) compliant.

CLUTCH

Standard model:

- Auto adjusting hydraulic control with vacuum assistance. Single plate 325 mm diameter.
- Total lining area: 966 cm²

With AMT:

- Fully automated hydraulically controlled wet clutch and fluid coupling with lock up.

TRANSMISSION

Isuzu MZZ-6F

- PTO provision on LHS of transmission case. PTO drive from counter gear.
- Gear ratios (: 1)

1st	2nd	3rd	4th	5th	6th	Rev
6.369	3.767	1.966	1.355	1.000	0.782	6.369

Standard model:

- 6 speed manual. Synchromesh on gears 1-6.

With AMT:

- 6 speed Automated Manual Transmission (AMT) with both fully automatic and clutchless manual operation modes.

AXLES

Front: Isuzu F031

- Reverse Elliot I-beam. 3,100 kg capacity.

Rear: Isuzu R066

- Full floating Banjo type. Four differential pinions. 6,600 kg capacity.
- Drive ratio: 4.100:1 (Standard model), 4.300:1 (with AMT)

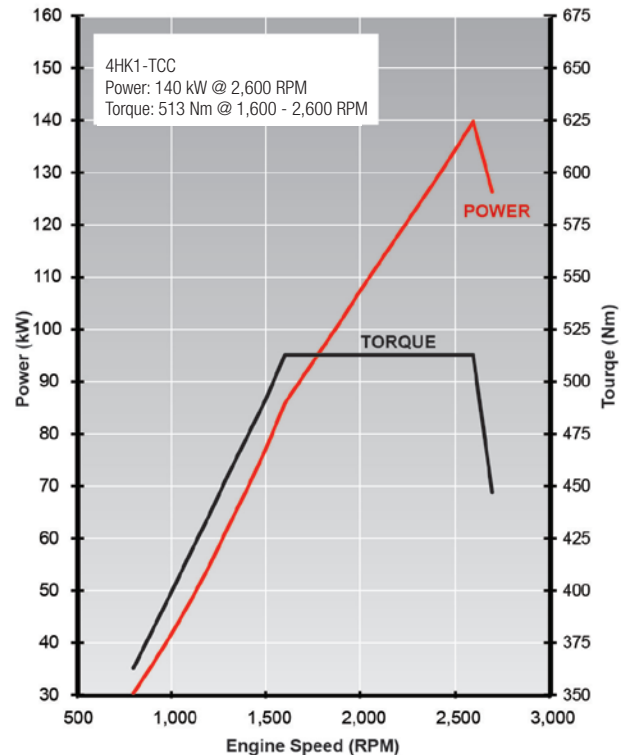
SUSPENSION

Front:

- **Single cab:** Single stage alloy steel taper leaf springs.
- **Crew cab:** Single stage alloy steel multi leaf springs.
- Double acting hydraulic shock absorbers. Stabiliser bar.

Rear:

- Multi leaf main spring, multi leaf helper spring.
- Double acting hydraulic shock absorbers. Stabiliser bar.



BRAKES

- Auto adjusting front and rear disc brakes with dual circuit hydraulic control, integrated boost assist and electronic brake force distribution (EBD).
- ABS, ASR traction control.
- IESC stability control.
- Hill Assist - except with AMT.
- Front disc diameter: 363 mm.
- Rear disc diameter: 348mm.
- Vacuum controlled exhaust brake.
- 203mm diameter drum park brake mounted on rear of transmission.

STEERING

- Power assisted recirculating ball steering.
- Gear ratio: 20.9:1
- Turns lock to lock: 5.4
- Maximum angle: 43° (inside wheel) / 33° (outside wheel)

WHEELS AND TYRES

- 19.5 x 6.00 six stud steel wheels.
- 225/70R 19.5 125/123L Michelin XZE Tubeless.
- Maximum tyre rating:
 - Steer axle: 3,300 kg
 - Drive axle: 6,200 kg
- 1 frame mounted spare wheel and tyre assembly.

CHASSIS FRAME

- Cold rivetted ladder frame. SAPH440 weldable steel sidemembers. Parallel side rails and rivetless top flange.
- Frame dimensions:
 - Side rail (mm): 216 x 70 x 6.0
 - Rear frame width (mm): 850

FUEL TANK

- Frame mounted 140L steel fuel tank.
- Lockable fuel cap.

ELECTRICAL SYSTEM

- 24 volt electrical system.
- 90 amp alternator.
- 4.5 kW starter motor.
- 2 x 80D26L (630 CCA) batteries connected in series.

CABIN SPECIFICATIONS AND APPOINTMENTS

CAB EXTERIOR

- All steel construction. High tensile steel used for cab underframe.
Single cab: Manual cab tilt to 45° with torsion bar assistance.
Crew cab / AH model: Fixed cab mounting.
- Complies with ECE-R29 cab strength standard.
- **Single cab:** Liquid filled front and rear cab mounts.
Crew cab / AH model: Rubber cab mounts.
- Heavy duty non slip entry steps.
- 90° opening internally reinforced front doors.
- Water spray suppression guards and front mudflaps.
- Laminated windscreen with shade band.
- Two speed windscreen wipers with intermittent wipe mode.
- Halogen multi-reflector headlamps incorporating turn signals. Additional door mounted integrated side indicator/cornering lamps.
- Combination brake, turn, reverse and marker lamps, registration plate illumination lamps. Extended wiring harness. Reverse alarm.
- Roof-mounted clearance lamps.
- Heated and powered exterior main mirrors with flat glass and additional independently adjustable convex “spot” mirrors.
- Chrome grille.
- Body coloured impact resisting polycarbonate bumper with steel backing frame. Includes front foglamps.

CAB INTERIOR

- Contoured adjustable driver’s bucket seat. **Single cab except AH model:** includes mechanical suspension rated to 130kg
- Front passenger bench seat with 2 seat capacity.
- **Crew cab / AH:** Engine access provided under removable driver seat base and tiltable front passenger seat.
- **Crew cab:** Rear bench seat with 4 seat capacity.
- 3-point lap sash seatbelts in all outboard seating positions. Driver and outboard front passenger seatbelts fitted with pretensioner. Centre seat lap belts.
- Driver and outboard front passenger airbag.
- **With AMT:** Driver’s footrest.
- Door and roof pillar entry assist grips. **Crew cab:** Full width rear grab rail with ashtray.
- Full interior trim, padded roof lining and vinyl floor covering. Driver and passenger windscreen header storage shelf.
- Tilt/Telescopic adjustable steering column, soft feel urethane steering wheel.
- Electric windows.
- Central locking with remote keyless entry and immobiliser.
- Twin cup holders. 24V cigarette lighter. Dashboard hook.
- Front door mounted storage pockets and driver’s side ashtray.
- Centre console box with storage tray. Fold down storage tray behind centre seat backrest.
- Fully integrated auto control air conditioning and heater/demister with 4-speed fan and outlets for windscreen, side windows, face and floor.
- Interior lamp with On/Door/Off switch.
Single cab: fluorescent type. **Crew cab:** standard type.

- 2 DIN, two speaker multimedia unit with 6.2” LCD capacitive touch screen. 1.6GHz processor with Android operating system. DAB+ digital radio and fully integrated Bluetooth with voice recognition. Inbuilt PDF, photo and movie viewer. Internet radio accessible via smartphone. 32GB internal file storage. USB and auxilliary input connection provisions. Firmware and map updates possible via smartphone.
- DIN sized compartment for storage or for CB radio installation.

DRIVER CONTROLS

- Key-operated engine start/stop and steering lock. Engine idle speed control.
- Hill Assist slow/fast engagement control and on/off switch - except with AMT.
- ASR and IESC on/off.
- **With AMT:** AMT slow/fast gear engagement control, 1st gear start and normal/economy gear selection modes.
- **With AMT:** Gear selection control with R-N-D and sequential shift positions.
- **Left side combination stalk:** Windscreen wipers, washers and exhaust brake.
- **Right side combination stalk:** Turn signals, headlamps, cruise control.

INSTRUMENTATION

- Electronically driven speedometer and tachometer. Digital odometer with integrated dual tripmeter. Engine coolant temperature and fuel level gauges.
- **Warning lamps:** Check engine, oil pressure, ABS, SRS airbag, alternator charge, service brakes, park brake, seat belt unfastened, low fuel level.
With AMT: Check AMT.
- **Indicator lamps:** Hill Assist (except with AMT), warm up system, high beam, ASR, IESC, exhaust brake, turn signals, cruise control.
With AMT: econo-mode, 1st gear start
- **With AMT:** Gear selection display.
- **Multi information display:** Shows service interval, instantaneous and average fuel consumption, hourmeter, voltmeter, time/day/date and includes 40-120 km/h adjustable vehicle speed warning.

OPTIONS AND GENUINE ACCESSORIES

Include the following (extra cost, request a brochure and further details from your Isuzu dealer):

Multimedia unit:

- Isuzu satellite navigation including 3 years of free updates.
- Supports up to five camera inputs. One digital camera with infra red and rear microphone input active when reversing, Four analogue cameras.
- Reversing sensors.
- Tyre pressure monitoring system.

Other:

- Airbag compatible bullbar.
- 3,500 kg rated towbar.
- Air deflector.

ISUZU CARE

Isuzu Care gives truck owners access to products and services including Roadside Assist, Service Agreements, Extended Care, Extended Isuzu Assist and the Isuzu Care Centre. Call 1800 035 640.

