

# ★ ★ ★ ISUZU TRUCK CHALLENGE ★ ★ ★



## NQR vs. UD 1800HD

### NQR Advantages Over UD 1800HD:

- Proven Isuzu 4H Family of Engines with B-10 Life of 310,000 Miles. UD does not promote B-10 Life
- Isuzu has matched components with an Isuzu built engine and proven Aisin Transmission. UD buys engine from Hino and Automatic Transmission from Allison
- UD 1800HD is a heavy truck with its heavy 6-cylinder engine. It weighs approximately 1200 lb. more than the NQR for any comparable wheelbase. Isuzu's lighter weight results in better fuel efficiency and 1200 pound higher payloads
- Available Vehicle Health Reports allows Isuzu fleet to monitor drivers and vehicle service needs. Not available on UD
- Isuzu uses a hydraulic disc/drum braking system for maximum braking performance. UD has an air-over-hydraulic all-drum braking system that requires an air compressor and pressure tank.
- Isuzu has 14.3-inch disc front brakes, compared with the 12.6-inch drum front brakes on UD. For the same payload, the Isuzu braking system will be stopping 1200 pounds less weight, because of the lighter weight of the Isuzu truck
- 6-speed automatic transmission on Isuzu has additional ratio for improved performance and fuel economy, compared with UD's 5-speed automatic
- Available limited slip differential expands applications suited to Isuzu. Not available on UD
- Standard 3-passenger seating on Isuzu. UD charges extra for a center seat
- Entry steps on Isuzu are covered for protection from the weather. UD's smaller steps are exposed to ice and mud
- Higher rear-axle capacity of 12% contributes to durability in commercial operation Isuzu 14,550 lb. vs. UD 13,000 lb.
- Taperleaf front springs contribute to ride quality and durability (multileafs used on UD)
- Wider door opening for easy entry and exit (85 degree vs. 80 degree)
- Better front bumper protection, with more than twice the distance from the cab provided on the NQR

**SPECIFICATIONS**

	<b>Isuzu NQR</b>	<b>UD 1800HD</b>
GVWR	17,950 lb.	17,995 lb.
Engine type	5.2 Liter Inline 4HK1-TC	7.7 Liter I-6
Horsepower	215HP @ 2550	230 @ 2,500
Torque	452 @ 1850	506 @ 1500
Transmission	Aisin 6 Spd with Dual OD	Allison 5 Speed Single OD
Steering	Power	Power
Front axle, lb.	6,830	7,275
Front springs, lb.	8,440 taperleaf	8,150 Semi elliptic leaf
Rear axle, lb.	14,550	13,000
Rear springs, lb.	14,550 Multi Leaf	13,000 Semi elliptic leaf
Wheels	19.5 x 6 in. 6-bolt	19.5 x6.75 in 6-bolt
Tires	225/70R19.5E	225/70R19.5F
Brakes, front	14.3 in. disc	12.6 x 4.33 drum
Brakes, rear	12.6 x 4.72 in. drum	12.6 x 5.31 drum
Frame, psi	44,000	51,200
Frame width, in	33.5	34
Frame RBM	316,800	937,000
Battery, CCA (gas)	2x750	2x522
Fuel tank, gal.	30 in-frame	33 outside left
Seating	Driver & 2 pass.	Driver & 1 pass
Mirrors, in.	8x17	6.5x11 with 5.8x4.3 Convex
WB/CA (effective)	109.0/86.5	148.4/112.2
	132.5/110.0	166.5/130.3
	150.0/127.5	178.4/142.1
	176.0/153.5	190.2/153.9
	200.0/177.5	216.5/180.3
WB/Turning Diameter (curb-to-curb, ft.)	109.0/33.5	148.4/39.4
	132.5/40.7	166.5/43.4
	150.0/45.3	178.4/46.6
	176.0/51.9	190.2/49.2
	200.0/58.5	216.5/55.2
WB/Body lengths	109.0/10, 12	148.4/14, 16
	132.5/14	166.5/16, 18
	150.0/16, 18	178.4/18, 20
	176.0/20	190.2/20, 22
	200.0/22	216.5/22, 24

**EQUIPMENT**

Vehicle Health Reports	Standard	Not Available
Drop-design windows	Standard	Not Available
Exhaust brake	Standard	Standard
Tilt/telescopic steering column	Standard	Standard
Tricot fabric	Standard	Fabric
Tilt cab	Standard	Standard
Folding center seat	Standard	Optional
Daytime running lamps	Standard	Standard
Cruise control	Standard	Standard
Air conditioning	Standard	Standard
PTO prep.	Standard	Standard
Power windows	Standard	Standard
Power door locks	Standard	Standard
Floor mat	Standard	Standard
Tachometer	Standard	Standard
Convex mirrors	Standard	Standard
Engine block heater	Optional	Optional
Engine oil pan heater	Optional	Not Available
Limited slip differential	Optional	Not Available
AM/FM/CD	Optional	Optional
Air deflector	Optional	Not Available
Spare wheel	Optional	Optional
Side mounted fuel tank	Optional	Standard
Engine protection system	Optional	Not Available
Engine hour meter	Optional	Not Available
Backup alarm	Optional	Optional
Chrome wheel sim.	Optional	Optional
Heated mirrors	Optional	Optional

**WARRANTY**

Base warranty	36 months/unlimited miles	36 months/unlimited miles
Engine warranty	36 months/unlimited miles	36 months/unlimited miles
Transmission	36 months/unlimited miles	Handled by Allison
Factory Installed Radio	36 months/unlimited miles	12 Months