

## MEDIUM DUTY COMPETITIVE COMPARISON

**Isuzu Trucks go head-to-head with the competition:**



### NQR Advantages Over Nissan UD 1800HD



**Nissan UD 1800HD:**

- Nissan UD sells a full line of low cab forward trucks covering the same weight categories and customer needs as Isuzu, but without critical Isuzu features
- 1800HD is a 17,995-lb. GVWR truck competing against NQR
- 1800HD uses a Hino 6-cylinder diesel engine
- Nissan UD also sells the 1800CS, which has the same 17,995 lb. GVWR, but uses a less-powerful 4-cylinder engine and smaller cab
- 5 wheelbase choices
- Standard seating is for 2 people, with no center seat
- 19.5 inch tires are a new addition for 2009



**NQR Advantages:**

- Nissan 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
- Nissan UD's higher weight is concentrated over the front axle, where it weighs approximately 1000 lb. more than Isuzu. Combined with the lighter weight front springs, Nissan UD 1800HD may not be suitable for vocational loads with heavy front axle loading
- Available Vehicle Health Reports allows Isuzu fleet to monitor drivers and vehicle service needs. Not available on Nissan UD
- Isuzu uses a hydraulic disc/drum braking system for maximum braking performance. Nissan 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 Nissan 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
- Rear shock absorbers contribute to greater control and less damage to loads (not available on 1800HD)
- Available limited slip differential expands applications suited to Isuzu. Not available on Nissan UD
- Standard 3-passenger seating on Isuzu. Nissan 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 capacity rear axle, 14,550 lb. vs. 13,000 lb., contributes to durability
- Greater cab interior room, with 4 inches greater width for crew
- Standard air restriction gauge simplifies service. Not available on UD
- 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)

- All-season front and rear radial tires provide optimum mix of traction and mileage (highway front and traction-rear radials on FE)
  - Better front bumper protection, with more than twice the distance from the cab provided on the NQR
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SPECIFICATIONS		
	<b>Isuzu NQR</b>	<b>Nissan UD 1800HD</b>
GVWR	17,950 lb.	17,995 lb.
Engine type (gas)	SOHC I-4	DOHC I-6
Displacement (gas)	5.2L	7.7L
HP, gas	NA	NA
Torque, gas	NA	NA
HP, diesel (MT)	175 @ 2400	230 hp @ 2500 rpm
HP, diesel (AT)	205 @ 2400	230 hp @ 2500 rpm
Torque, diesel (MT)	387 @ 1850	506 lb.-ft. @ 1500 rpm
Torque, diesel (AT)	441 @ 1850	506 lb.-ft. @ 1500 rpm
Clutch, in.	12.8	13.8
Transmission, gas	NA	NA
Transmission, diesel	6ODA Aisin	6ODM/5ODA Allison
Alternator, amp (gas)	110	100
Steering	18.8-20.9:1 power	22.6:1 power
Front axle, lb.	6,830	8,150
Front springs, lb.	8,440 taperleaf	7,275 multileaf
Rear axle, lb.	14,550	13,000
Rear springs, lb.	14,550 multileaf	13,000 multileaf
Wheels	19.5 x 6 in. 6-bolt	19.5 x 6 in. 6-bolt
Tires	225/70R-19.5F	225/70R-19.5E
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	33.9
Frame section modulus	7.20 cu. in.	9.15 cu. in.
Frame RBM	316,800	468,480
Battery, CCA (gas)	2x750	2x522
Fuel tank, gal.	30 in-frame	LH 33 side
Seating	Driver & 2 pass.	Driver & 1 pass.
Mirrors, in.	8x17	5.4x15.5
WB/CA (effective)	109.0/80.0	148.4/112.2
	132.5/103.5	166.5/130.3
	150.0/121.0	178.4/142.1
	176.0/147.0	190.2/153.9
	200.0/171.0	216.5/180.3
WB/Turning Diameter	109.0/33.5	148.4/39.4
(curb-to-curb, ft.)	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

STANDARD EQUIPMENT		
	<b>Isuzu NQR</b>	<b>Nissan UD 1800HD</b>
Vehicle Health Reports	Standard	Not Available
50 State Clean Idle	Standard	Standard
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	Optional	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
OPTIONAL EQUIPMENT		
	<b>Isuzu NQR</b>	<b>Nissan UD 1800HD</b>
Engine block heater	Optional	Optional
Engine oil pan heater	Optional	
Limited slip differential	Optional	
AM/FM/CD	Optional	Optional
Air deflector	Optional	
Spare wheel	Optional (Dealer Installed)	Optional
Side mounted fuel tank	Optional	Standard
Engine protection system	Optional	Optional
Engine hour meter	Optional	
Backup alarm	Optional	Standard
Chrome wheel sim.	Optional	
Heated mirrors	Optional	Optional
WARRANTY		
	<b>NQR</b>	<b>Nissan UD 1800HD</b>
Base warranty, diesel	36 months/unlimited miles	36 months/unlimited miles
Base warranty, gas	NA	NA
Engine warranty, diesel	36 months/unlimited miles	36 months/unlimited miles
Engine warranty, gas	NA	NA

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