

MEDIUM DUTY COMPETITIVE COMPARISON

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



NQR Advantages Over Nissan UD 1800CS



Nissan UD 1800CS:

- 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
- 1800CS is a 17,995-lb. GVWR truck competing against NQR
- Nissan UD also sells the 1800HD, which has the same 17,995 lb. GVWR, but uses a 6-cylinder engine and larger cab
- 5 wheelbase choices
- Hino diesel engines are now used in Nissan UD trucks



NQR Advantages:

- Higher horsepower output (205 hp vs. 175 hp) helps get work done faster
- Higher torque output (441 lb.-ft. vs. 376 lb.-ft.) improves load carrying and towing performance
- 6-speed automatic transmission on Isuzu has additional ratios for improved performance and fuel economy, compared with UD's 4-speed automatic
- Rear shock absorbers contribute to greater control and less damage to loads (not available on 1800CS)
- Both trucks have five available wheelbase choices, but
- Isuzu has both longer and shorter wheelbase and CA choices. NQR's available 80 in. CA is especially valuable for select applications. Nissan UD's shortest CA is 115.6 in.
- 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.
- 19.5 inch tires on Isuzu are available in many choices.
- 17.5 inch tires on Nissan UD have limited availability and tire selections. Larger diameter wheels on Isuzu allow larger brakes. Isuzu's larger tires contribute to long tire wear and higher geared road speed
- Available limited slip differential expands applications suited to Isuzu. Not available on Nissan UD
- Available Vehicle Health Reports allows Isuzu fleet to monitor drivers and vehicle service needs. Not available on Nissan UD
- 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)
- Higher level of standard equipment with cruise control and air filter restriction gauge. These are not available on UD
- Better front bumper protection, with more than twice the distance from the cab provided on the NQR
- Greater cab interior room, with 4 inches greater width for crew
- Entry steps on Isuzu are covered for protection from the weather.

UD's smaller steps are exposed to ice and mud

- Standard 3-passenger seating on Isuzu. Nissan UD charges extra for a center seat
 - All-season front and rear radial tires provide optimum mix of traction and mileage (highway front and traction-rear radials on FE)
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SPECIFICATIONS		
	Isuzu NQR	Nissan UD 1800CS
GVWR	17,950 lb.	17,995 lb.
Engine type (gas)	SOHC I-4	DOHC I-4
Displacement (gas)	5.2L	4.7L
HP, gas	NA	NA
Torque, gas	NA	NA
HP, diesel (MT)	175 @ 2400	175 hp @ 2700 rpm
HP, diesel (AT)	205 @ 2400	175 hp @ 2700 rpm
Torque, diesel (MT)	387 @ 1850	347 lb.-ft. @ 1600 rpm
Torque, diesel (AT)	441 @ 1850	347 lb.-ft. @ 1600 rpm
Clutch, in.	12.8	12.8
Transmission, gas	NA	NA
Transmission, diesel	6ODA Aisin	6ODM/4ODA Aisin
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	17.5 x 6 in. 6-bolt
Tires	225/70R-19.5F	215/75R-17.5E
Brakes, front	14.3 in. disc	12.6x4.33 drum
Brakes, rear	12.6 x 4.72 in. drum	12.6x5.31 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	142.5/115.6
	132.5/103.5	160.6/133.7
	150.0/121.0	172.4/145.5
	176.0/147.0	184.3/157.3
	200.0/171.0	196.9/169.9
WB/Turning Diameter	109.0/33.5	142.5/38.0
(curb-to-curb, ft.)	132.5/40.7	160.6/42.6
	150.0/45.3	172.4/45.2
	176.0/51.9	184.3/48.0
	200.0/58.5	196.9/51.2
WB/Body lengths	109.0/10, 12	142.5/14
	132.5/14	160.6/16
	150.0/16, 18	172.4/18
	176.0/20	184.3/20
	200.0/22	196.9/22
Notes:		

STANDARD EQUIPMENT		
	Isuzu NQR	Nissan UD 1800CS
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		
	Isuzu NQR	Nissan UD 1800CS
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		
	Isuzu NQR	Nissan UD 1800CS
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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