

# MEDIUM DUTY COMPETITIVE COMPARISON

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



## NPR-HD Advantages Over Nissan UD 1400




**Nissan UD 1400:**

- 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
- 1400 is 14,250 lb. GVWR competing against NPR
- No gas engine available in any UD
- 29.5 in. frame rail width
- No crew cab option available on any UD



**NPR Advantages:**

- Available gas engine has 75% more power than UD's Hino-sourced diesel and offers lower initial cost and lighter weight for greater payload (gas engine not available on UD)
- 6-speed automatic transmission on Isuzu has additional ratios for improved performance and fuel economy, compared with UD's 4-speed automatic
- Standard width frame on Isuzu facilitates body installation. Non-standard 29.5-inch frame width on UD may limit body installation
- More available wheelbase choices (4 vs. 3 for UD) to meet customer needs
- Longer available wheelbase (176.0 in. vs. 149.4 in. on UD) with longer available CA allows NPR-HD to carry longer 20-foot bodies
- Higher torque output (441 lb.-ft. vs. 376 lb.-ft.) improves load carrying and towing performance
- Higher horsepower output (205 hp vs. 175 hp) helps get work done faster
- Tighter turning diameter (curb-to-curb) for comparable cab-to-axle (33.5 ft./109.0 in. WB vs. 34.8 ft./108.8 in. WB) improves maneuverability
- Higher front-axle capacity (6830 lb. vs. 6,170 lb.) contributes to long-term durability

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- Standard air restriction gauge simplifies service. Not available on UD
  - Higher rear-axle capacity contributes to durability in commercial operation (14,500 lb. vs. 11,500 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)
  - 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 NPR-HD
  - 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
  - Greater visibility from Isuzu's larger windows. Windshield is 2,160 sq. in. vs. UD's 1,900 sq. in.
  - All-season front and rear radial tires provide optimum mix of traction and mileage (highway front and traction-rear radials on FE)

ADVANTAGES	SPECS	EQUIPMENT
	<b>Isuzu NPR-HD</b>	<b>Nissan UD 1400</b>
GVWR	14,500 lb.	14,250
Engine type (gas)	SOHC I-4 (OHV V8)	DOHC 16-valve I-4 (NA)
Displacement (gas)	5.2L (6.0L)	4.9L (NA)
HP, gas	325 @ 5000	NA
Torque, gas	360 @ 4400	NA
HP, diesel (MT)	175 @ 2400	NA
HP, diesel (AT)	205 @ 2400	175 hp @ 2500 rpm
Torque, diesel (MT)	387 @ 1850	NA
Torque, diesel (AT)	441 @ 1850	376 lb.-ft. @ 1600 rpm
Clutch, in.	12.8	NA
Transmission, gas	4ODA GM	NA
Transmission, diesel	6ODA Aisin	4ODA Aisin
Alternator, amp (gas)	110 (145)	100
Steering	18.8-20.9:1 power	22.6:1 power
Front axle, lb.	6,830	6,170
Front springs, lb.	8,440 taperleaf	5,360 multileaf
Rear axle, lb. (gas)	14,550 (11,020)	11,500
Rear springs, lb.	9,880 multileaf	9,880 multileaf
Wheels (gas)	16 x 6 (19.5 x 6) in. 6-bolt	16 x 6 in. 6-bolt
Tires (gas)	215/85R-16E (225/70R19.5F)	215/85R-16E
Brakes, front (gas)	11.5 (14.3) in. disc	Disc
Brakes, rear (gas)	12.6 x 3.94 (4.72) in. drum	Drum
Frame, psi	44,000	44,000
Frame width, in	33.5	29.5
Frame section modulus	7.20 cu. in.	6.29 cu. in.
Frame RBM	316,800	276,760
Battery, CCA (gas)	2x750 (1x750)	2x622
Fuel tank, gal.	30 in-frame	RH 33/30 in-frame
Seating	Driver & 2 pass.	Driver & 2 pass.
Mirrors, in.	8x17	6.5x11 + 4.3x5.8
WB/CA (effective)	109.0/80.0	108.8/83.4
	132.5/103.5	131.9/106.4
	150.0/121.0	149.4/123.9

	176.0/147.0	
WB/Turning Diameter	109.0/33.5	108.8/34.8
(curb-to-curb, ft.)	132.5/40.7	131.9/42.0
	150.0/45.3	149.4/46.6
	176.0/51.9	
WB/Body lengths	109.0/10,(gas) 12	108.8/10, 12
	132.5/14	131.9/14, 16
	150.0/16, 18	149.4/16, 18
	176.0/20	

Notes:

ADVANTAGES	SPECS	EQUIPMENT
	<b>Isuzu NPR-HD</b>	<b>Nissan UD 1400</b>
Vehicle Health Reports	Standard	Not Available
Drop-design windows	Standard	Standard
DEX-COOL	Standard (gas)	Not Available
Exhaust brake	Standard (diesel)	Standard
Tilt/telescopic steering column	Standard	Standard
Tricot fabric	Standard	Fabric
Tilt cab	Standard	Standard
Folding center seat	Standard	Standard
Daytime running lamps	Standard	Standard
Cruise control	Standard	Standard
PTO prep.	Standard (diesel)	Standard
Air conditioning	Standard (gas)	Standard
Power windows	Standard	Standard
Power door locks	Standard	Standard
Floor mat	Standard	Standard
Tachometer	Standard	Standard
Convex mirrors	Standard	Standard

ADVANTAGES	SPECS	EQUIPMENT
	<b>Isuzu NPR-HD</b>	<b>Nissan UD 1400</b>
Engine block heater	Optional (diesel)	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 (diesel)	Standard
Engine protection system	Optional (diesel)	Optional
Engine hour meter	Optional (diesel)	
Backup alarm	Optional	Optional
Chrome wheel sim.	Optional	
Heated mirrors	Optional	
ADVANTAGES	SPECS	EQUIPMENT
	<b>Isuzu NPR-HD</b>	<b>Nissan UD 1400</b>
Base warranty, diesel	36 months/unlimited miles	36 months/unlimited miles
Base warranty, gas	36 months/36,000 miles	NA
Engine warranty, diesel	36 months/unlimited miles	36 months/unlimited miles
Engine warranty, gas	36 months/36,000 miles	NA

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