

★ ★ ★ ISUZU TRUCK CHALLENGE ★ ★ ★



NPR-HD GAS vs. Ford F-450

NPR-HD GAS Advantages Over Ford F-450 Super Duty:

- NPR has four wheelbases 109, 132, 150, 176 with longer Cab to Axle options allowing longer bodies, but shorter turning radius
- NPR-HD can accommodate 25% more cargo capacity with body up to 20 ft. in length vs. a maximum 16 ft. on F-Series
- Built from the ground up as a commercial vehicle for a long life. F-450 is derived from a pickup
- NPR-HD 14,500 GVWR versus Ford F-450 16,500 GVWR but has about the same body and payload allowance due to lighter total chassis weight
- Reverse Elliot I-Beam front axle is strong and durable. Mono I Beam used on F-450 varies camber with load, contributing to tire wear
- NPR-HD Front Tapered leaf springs provides a smoother ride then F-450 Coil springs
- N-Series rear axle capacity of 14,550 is 21% higher than Ford at 12,000 lbs.
- Tilt cab allows easy engine access. Limited engine access on F-450 Super Duty with very high reach-over to engine area. Some technical procedures on F-450 requires cab to be removed
- Tighter turning diameter curb-to-curb for comparable cab-to-axle ratio (33.5 ft./109 in. WB vs. 42.3 ft./141 in. WB) improves maneuverability
- Wider door opening for easy entry and exit (85 degree vs. 60 degree)
- Durable tricote breathable woven seat material is comfortable and long lasting. Solid vinyl on F-450 Super Duty
- Standard tilt and telescopic steering column contributes to driver comfort. Optional tilt steering wheel on F-450
- Grab handle to assist entry and exit contributes to safety on the job. Not available on F-Series
- Standard fold-down center seat includes convenient work area on NPR; base seat on F-450 is non-folding bench
- Higher frame yield strength contributes to 18% higher capacity and durability (44,000 psi vs. 36,000 psi)
- Greater visibility with larger windshield, larger side windows, larger side mirrors and lower dash to improve vision. Front sight line of 8.6 ft. for NPR vs. 23.8 ft. for F-450
- Standard daytime running lamps vs. optional
- Battery box on frame rails of NPR helps extend battery life by removing batteries from hot under-hood area
- Easier serviceability with in-cab fluid checks vs. Ford's under-hood fluid-checks

SPECIFICATIONS

	Isuzu NPR-HD GAS	Ford F-450 Super Duty
GVWR	14,500 lb.	16,500 lb.
Engine type	6.0L OHV V8	6.7 Liter V8
Horsepower	297 @ 4300	362 @ 4750
Torque	372 @ 4000	457 @ 3250
Transmission	6L90-E Hydra-Matic	50DA Ford
Steering	Power Steering	Power Steering
Front axle, lb.	6,830 Reverse Elliot I-Beam	7,000 Dana Monobeam
Front springs, lb.	8,440 Tapered Leaf	4,800 Coil Springs
Rear axle, lb.	14,500	12,000
Rear springs, lb.	9,880 Multi Leaf	12,000 Multi Leaf
Wheels	19.5 x 6 in. 6-bolt	19.5 x 6
Tires	225/70R19.5F	225/70R19.5G
Brakes, front	14.3 in. disc	14.53 in. disc
Brakes, rear	12.6 x 4.72 in. drum	15.35 in. disc
Frame, psi	44,000	36,000
Frame width, in	33.5	34
Frame RBM	316,800	313,200
Battery, CCA	1x750	2x750
Fuel tank, gal.	30 in-frame	40 in-frame
Seating	Driver & 2 passenger	Bench driver & 2 passenger
Mirrors, in.	8x17	7x8.5
WB/CA (effective)	109.0/86.5	141/60.0
	132.5/110.0	165/84.0
	150.0/127.5	189/108.0
	176.0/153.5	201/120.0
WB/Turning Diameter (curb-to-curb, ft.)	109.0/33.5	141/42.3
	132.5/40.7	165/48.6
	150.0/45.3	189/54.8
	176.0/51.9	201/57.9
WB/Body lengths	109.0/10,12	141/10
	132.5/14	165/12
	150.0/16,18	189/14
	176.0/18,20	201/16

EQUIPMENT

Drop-design windows	Standard	Not Available
Exhaust brake	Standard	Not Available
Tilt/telescopic steering column	Standard	Optional Tilt
Tricot fabric	Standard	Optional Fabric
Tilt cab	Standard	Not Available
Folding center seat	Standard	Uplevel equipment
Daytime running lamps	Standard	Optional
Cruise control	Standard	Optional
Air conditioning	Standard	Standard
Power windows	Standard	Optional
Power door locks	Standard	Optional
Floor mat	Standard	Standard
Tachometer	Standard	Standard
Convex mirrors	Standard	Standard
AM/FM/CD	Standard	Optional
Engine block heater	Optional	Optional
Engine oil pan heater	Optional	Not Available
Air deflector	Optional	Not Available
Spare wheel	Optional	Optional
Backup alarm	Optional	Optional
Chrome wheel sim.	Optional	Optional
Heated mirrors	Optional	Optional

WARRANTY

Base warranty	36 months/36,000 miles	36 months/36,000 miles
Engine warranty	60 months/75,000 miles	60 months/60,000 miles