

# ★ ★ ★ ISUZU TRUCK CHALLENGE ★ ★ ★



## ISUZU NPR Gas vs. Ford F-350

### **NPR Gas Advantages Over Ford F-350 Super Duty:**

- More available wheelbases to meet customer needs (109, 132.5, 150 and 176 in. vs. 141 and 165 in.)
- Built from the ground up as a commercial vehicle for a long life (F-350 is derived from a pickup)
- Reverse Elliot I-Beam front axle is strong durable (Twin-I-Beam used on F-350 varies camber with load, contributing to tire wear)
- Higher front axle capacity (6830 lb. vs. 5250 lb.) stands up to rugged commercial use
- Greater payload capacity because of lighter truck weight. NPR diesel weighs approximately 1000 lb. less than comparable F-350
- Tilt cab allows easy engine access (limited engine access on F-350 Super Duty with very high reach-over to engine area)
- Tighter turning diameter (curb-to-curb) for comparable cab-to-axle ratio (33.5 ft./109.0 in. WB vs. 56.2 ft./165.0 in. WB ) dramatically improves maneuverability
- 16-inch truck tires are less expensive to replace and more readily available than 17-inch LT tires on Ford
- 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-350 Super Duty)
- Standard tilt and telescopic steering column contributes to driver comfort (optional tilt steering wheel on F-350)
- Grab handle to assist entry and exit contributes to safety on the job (not available on F-Series)
- 6-speed automatic vs. 5-speed helps improve performance and efficiency
- Longer scheduled maintenance intervals helps reduce downtime and service costs (every 7,500 mi. vs. every 5,000 mi.)
- Standard fold-down center seat includes convenient work area on NPR; base seat on F-350 is non-folding bench
- Higher frame yield strength contributes to durability (44,000 psi vs. 36,000 psi)
- Standard diesel exhaust brake contributes to brake life and braking performance. Not available on F-350
- 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-350
- Wide, self-cleaning step on NPR vs. optional running boards on F-350
- 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**

	<b>Isuzu NPR Gas</b>	<b>Ford F-350 Super Duty</b>
GVWR	12,000 lb.	13,300 lb.
Engine type	6.0L OHV V8	6.2L SOHC V8
Horsepower	297 @ 4300	316 @ 4179*
Torque	372 @ 4000	397 @ 4179*
Transmission	6L90-E Hydra-Matic	5-speed TorqShift® Automatic
Steering	18.8-20.9:1 power	20.49:1 power
Front axle, lb.	6,830	5,250 Twin-I-Beam
Front springs, lb.	8,440 taperleaf	4,250 coil
Rear axle, lb.	11,020	9,750
Rear springs, lb.	9,880 multileaf	9,750 multileaf
Wheels	16 x 6 in. 6-bolt	17 x 6.5 in. 8-bolt
Tires	215/85R-16E	LT245/75R17E
Brakes, front	11.5 in. disc	13.66 in. disc
Brakes, rear	12.6 x 3.94 in. drum	13.39 in. disc
Frame, psi	44,000	36,000
Frame width, in	33.5	34
Frame section modulus	7.20 cu. in.	8.70 cu. in.
Frame RBM	316,800	313,200
Battery, CCA	1x750	1x650
Fuel tank, gal.	30 in-frame	40 in-frame
Seating	Driver & 2 pass.	3 pass. Bench
Mirrors, in.	8x17	7x8.5
WB/CA	109.0/86.5	141/60.0
	132.5/110.0	165/84.0
	150.0/127.5	
	176.0/153.5	
WB/Turning Diameter (curb-to-curb, ft.)	109.0/33.5	141/48.9
	132.5/40.7	165/56.2
	150.0/45.3	
	176.0/51.9	
WB/Body lengths	109.0/10-12	141/8, 9
	132.5/14	165/10, 11, 12
	150.0/16-18	
	176.0/20	
Notes: *Horsepower rating		

**EQUIPMENT**

Drop-design windows	Standard	Not Available
DEX-COOL	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	Fleet option
Cruise control	Standard	Uplevel or fleet option
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, AM/FM Standard
Engine oil pan heater	Optional	
Air deflector	Optional	
Spare wheel	Optional (Dealer Installed)	Optional
Backup alarm	Optional	
Chrome wheel sim.	Optional	
Chrome grille	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