

★ ★ ★ ISUZU TRUCK CHALLENGE ★ ★ ★



ISUZU NPR ECOMAX vs. Ford F-350 Super Duty

NPR Advantages Over Ford F-350 Super Duty:

- Isuzu 4J Family of Engines produced since 1986 with B-10 Life of 310,000 Miles
- Proven Aisin medium duty transmission versus Ford transmission used in pick up truck applications
- More available wheelbases to meet customer needs 110, 133.7, 151.4
- N-Series can accommodate 12% more cargo capacity with body up to 18 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-350 is derived from a pickup
- Higher standard GVWR helps meet commercial needs. 12,000 lb. vs. 11,500 lb..
- Reverse Elliot I-Beam front axle is strong and durable. Twin-I-Beam used on F-350 varies camber with load, contributing to tire wear
- Higher front axle capacity of 6,830 lb. is 30% higher than Ford at 5,250 lb. and stands up to rugged commercial use
- N-Series rear axle capacity of 11,020 lb. is 13% higher than Ford at 9,750 lbs.
- 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 (32.2 ft./110 in. WB vs. 48.9 ft./141 in. WB) improves maneuverability by 49%
- 16-inch truck tires average 28% less expensive to replace and more readily available than 17-inch tires on Ford
- Wider door opening for easy entry and exit (85 degree vs. 60 degree)
- Durable tricot 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
- Longer scheduled maintenance intervals helps reduce downtime and service costs
- 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 18% higher capacity and durability (44,000 psi vs. 36,000 psi)
- Standard diesel exhaust brake can contribute up to 30% improved 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
- 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	Ford F-350 Super Duty
GVWR	12,000 lb.	11,500-13,000 lb.
Engine type	3 Liter Inline 4JJ1-TC	6.7 Liter V-8
Horsepower	150HP @ 2800	300HP @ 2800
Torque	282 @ 1600	660 @ 1600
Transmission	Aisin 6 Spd with Dual OD	TorqShift 6 Spd with OD
Steering	Power Steering	Power Steering
Front axle, lb.	6,830	5,250 Twin-I-Beam
Front springs, lb.	6,830 Tapered Leaf	Coil Springs
Rear axle, lb.	11,020	9,750
Rear springs, lb.	9,880 multileaf	9,750 Multi Leaf
Wheels	16 x 6 in. 6-bolt	17 x 6.5 in. 8-bolt
Tires	215/85R16E	LT245/75R17E
Brakes, front	11.5 in. disc	13.66 in. disc
Brakes, rear	12.6 x 2.95 in. drum	13.39 in. disc
Frame, psi	44,000	36,000
Frame width, in	29.5	34
Frame RBM	267,080	313,200
Battery, CCA (gas)	2x750	2x750
Fuel tank, gal.	25 in-frame	40 in-frame
Seating	Driver & 2 passenger	Bench driver & 2 passenger
Mirrors, in.	8x17	7x8.5
WB/CA (effective)	110.0/87.5	141/60.0
	133.7/111.2	165/84.0
	151.4/128.9	
WB/Turning Diameter	110.0/32.2	141/48.9
	133.7/38.7	165/56.2
	151.4/44.0	
WB/Body lengths	110.0/12	141/10
	133.7/14	165/12
	151.4/16-18	

EQUIPMENT

Vehicle Health Reports	Standard	Not Available
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
PTO prep.	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
Engine block heater	Optional	Optional
Engine oil pan heater	Optional	Not Available
AM/FM/CD	Optional	Optional,
Air deflector	Optional	Not Available
Spare wheel	Optional	Optional
Engine protection system	Optional	Optional
Engine hour meter	Optional	Not Available
Backup alarm	Optional	Optional
Chrome wheel sim.	Optional	Optional
Heated mirrors	Optional	Optional

WARRANTY

Base warranty	36 months/unlimited mileage	36 months/36,000 miles
Engine warranty	36 months/unlimited mileage	60 months/100,000 miles