

MEDIUM DUTY COMPETITIVE COMPARISON

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



NPR Advantages Over Ford F-350 Super Duty



Ford F-350:

- F-350 competes against NPR
- Only 2 wheelbase choices on F-350 regular cab
- 11,500-13,000 lb. GVWR on WB F-350
- 5.4L V8 gas standard, 6.8L V-10 gas optional
- 6.4L diesel engine available
- Available with regular cab, extended cab or crew cab
- New Ford Work Solutions connectivity features
- No tilt cab -- difficult engine accessibility



NPR Advantages:

- More available wheelbases to meet customer needs (109, 132.5, 150 and 176 in. vs. 138, 158 and 176 in.)
- Maximum effective CA of 147 in vs. 118 in. CA for F-Series. N-Series can accommodate bodies 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-350 is derived from a pickup)
- Higher GVWR helps meet commercial needs (12,000 lb. vs. 11,500 lb..)
- 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 (with diesel) vs. 5-speed helps improve performance and efficiency
- Longer scheduled maintenance intervals helps reduce downtime and service costs (every 10,000 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
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| SPECIFICATIONS | | |
|-----------------------|----------------------|------------------------------|
| | Isuzu NPR | Ford F-350 Super Duty |
| GVWR | 12,000 lb. | 11,500-13,000 lb. |
| Engine type (gas) | SOHC I-4 (OHV V8) | OHV V8 (SOHC V8/V10) |
| Displacement (gas) | 5.2L (6.0L) | 6.4L (5.4L/6.8L) |
| HP, gas | 325 @ 5000 | 300/362 @ 4250 |
| Torque, gas | 360 @ 4400 | 365/457 @ 3250 |
| HP, diesel (MT) | NA | 350 @ 3000 |
| HP, diesel (AT) | 205 @ 2400 | 350 @ 3000 |
| Torque, diesel (MT) | NA | 650 @ 2000 |
| Torque, diesel (AT) | 441 @ 1850 | 650 @ 2000 |
| Clutch, in. | NA | 11.9 |
| Transmission, gas | 4ODA GM | 6ODM/5ODA Ford |
| Transmission, diesel | 6ODA Aisin | 6ODM/5ODA Ford |
| Alternator, amp (gas) | 110 (145) | 135 (115) |
| Steering | 18.8-20.9:1 power | 17:1 power |
| Front axle, lb. | 6,830 | 5,250 Twin-I-Beam |
| Front springs, lb. | 8,440 taperleaf | 4,100/4,750 coil |
| Rear axle, lb. | 11,020 | 9,750 |
| Rear springs, lb. | 7,950 multileaf | 9,750 multileaf |
| Wheels | 16 x 6 in. 6-bolt1 | 17 x 6.5 in. 8-bolt |
| Tires | 215/85R-16E2 | LT245/75Rx17E |
| 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 | 33.5 | 34 |
| Frame section modulus | 7.20 cu. in. | 8.70 cu. in. |
| Frame RBM | 316,800 | 313,200 |
| Battery, CCA (gas) | 2x750 (1x750) | 2x750 (1x650) |
| Fuel tank, gal. | 30 in-frame | 40 in-frame |
| Seating | Driver & 2 pass. | 3 pass. Bench |
| Mirrors, in. | 8x17 | 7x8.5 |
| WB/CA (effective) | 109.0/80.0 | 141/60.0 |
| | 132.5/103.5 | 165/84.0 |
| | 150.0/121.0 | |
| | 176.0/147.0 | |
| WB/Turning Diameter | 109.0/33.5 | 141/48.9 |
| (curb-to-curb, ft.) | 132.5/40.7 | 165/56.2 |
| | 150.0/45.3 | |
| | 176.0/51.9 | |
| | | |
| WB/Body lengths | 109.0/10,(gas) 12 | 141/8, 9 |
| | 132.5/14 | 165/10, 11, 12 |
| | 150.0/16, 18 | |
| | 176.0/20 | |

| STANDARD EQUIPMENT | | |
|---------------------------------|-----------------------------|------------------------------|
| | Isuzu NPR | Ford F-350 Super Duty |
| Vehicle Health Reports | Standard | Not Available |
| Drop-design windows | Standard | Not Available |
| DEX-COOL | Standard (gas) | Not Available |
| Exhaust brake | Standard (diesel) | 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 |
| PTO prep. | Standard (diesel) | Optional |
| Air conditioning | Standard (gas) | Standard |
| Power windows | Standard | Optional |
| Power door locks | Standard | Optional |
| Floor mat | Standard | Standard |
| Tachometer | Standard | Standard |
| Convex mirrors | Standard | Standard |
| OPTIONAL EQUIPMENT | | |
| | Isuzu NPR | Ford F-350 Super Duty |
| Engine block heater | Optional (diesel) | Optional |
| Engine oil pan heater | Optional | |
| Air conditioning | Optional (diesel) | Standard |
| AM/FM/CD | Optional | Optional, AM/FM Standard |
| Air deflector | Optional | |
| Spare wheel | Optional (Dealer Installed) | Optional |
| Side mounted fuel tank | Optional (diesel) | |
| Engine protection system | Optional (diesel) | |
| Engine hour meter | Optional (diesel) | |
| Backup alarm | Optional | |
| Chrome wheel sim. | Optional | |
| Heated mirrors | Optional | Optional |
| WARRANTY | | |
| | Isuzu NPR | Ford F-350 Super Duty |
| Base warranty, diesel | 36 months/unlimited mileage | 36 months/36,000 miles |
| Base warranty, gas | 36 months/36,000 miles | 36 months/36,000 miles |
| Engine warranty, diesel | 36 months/unlimited mileage | 60 months/100,000 miles |
| Engine warranty, gas | 36 months/36,000 miles | 60 months/60,000 miles |

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