

# ★ ★ ★ ISUZU TRUCK CHALLENGE ★ ★ ★



## NRR vs. Ford F-550

### NRR Advantages Over Ford F-550 Super Duty:

- Proven Isuzu 4H Family of Engines with B-10 Life of 310,000 Miles. Ford has new 6.7 Liter Engine
- Proven Aisin medium duty transmission versus Ford transmission used in pick up truck applications
- NRR has six wheelbases 109, 132, 150, 176, 200, 212 with longer Cab to Axle options allowing longer bodies, but shorter turning radius
- NRR can accommodate 33% more cargo capacity with body up to 24 ft. in length vs. a maximum 18 ft. on F-Series
- Built from the ground up as a commercial vehicle for a long life. F-550 is derived from a pickup
- NRR 19,500 GVWR versus Ford F-550 19,500 GVWR has same GVWR but NRR has about 1200 more 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-550 varies camber with load, contributing to tire wear
- NRR Front Tapered leaf springs with 8,440 lb capacity provides a smoother ride then F-550 Coil springs
- N-Series rear axle capacity of 14,550 is 7% higher than Ford at 13,660 lbs.
- Tilt cab allows easy engine access. Limited engine access on F-550 Super Duty with very high reach-over to engine area. Some technical procedures on F-550 requires cab to be removed
- Tighter turning diameter curb-to-curb for comparable cab-to-axle ratio (32.8ft./109 in. WB vs. 42.3 ft./141 in. WB ) improves maneuverability by 29%
- 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-550 Super Duty
- Standard tilt and telescopic steering column contributes to driver comfort. Optional tilt steering wheel on F-550
- 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-550 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-550
- 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 NRR vs. 23.8 ft. for F-550
- Standard daytime running lamps vs. optional
- Battery box on frame rails of NRR helps extend battery life by removing batteries from hot under-hood area
- 50-state clean idle certification on Isuzu vs. timed idle shut-down after 5 minutes on F-550
- Easier serviceability with in-cab fluid checks vs. Ford's under-hood fluid-checks
- Available limited slip differential provides low-traction solution that's less expensive than Ford's 4WD and better performing than Ford's optional traction control
- Available Vehicle Health Reports allows Isuzu fleet to monitor drivers and vehicle service needs. Not available on Ford

**SPECIFICATIONS**

|  | <b>Isuzu NRR</b>         | <b>Ford F-550 Super Duty</b>    |
|--|--------------------------|---------------------------------|
| GVWR                                       | 19,500 lb.               | 17,950 Optional 19,000 / 19,500 |
| Engine type                                | 5.2 Liter Inline 4HK1-TC | 6.7 Liter V-8                   |
| Horsepower                                 | 215HP @ 2550             | 300HP @ 2800                    |
| Torque                                     | 452 @ 1850               | 660 @ 1600                      |
| Transmission                               | Aisin 6 Spd with Dual OD | TorqShift 6 Spd with OD         |
| Steering                                   | Power                    | Power                           |
| Front axle, lb.                            | 7,275                    | 7,000                           |
| Front springs, lb.                         | 8,440 taperleaf          | 11,200 coil                     |
| Rear axle, lb.                             | 14,550                   | 13,660                          |
| Rear springs, lb.                          | 14,550 multi leaf        | 13,660 multi leaf               |
| Wheels                                     | 19.5 x 6 in. 6-bolt      | 19.5 x 6 in. 10-bolt            |
| 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                  | 363,600                         |
| Battery, CCA (gas)                         | 2x750                    | 2x750                           |
| Fuel tank, gal.                            | 30 in-frame              | 40 in-frame                     |
| Seating                                    | Driver & 2 pass.         | Bench driver & 2 passenger      |
| Mirrors, in.                               | 8x17                     | 7x8.5                           |
| WB/CA (effective)                          | 109.0/80.0               | 141/60                          |
|  | 132.5/103.5              | 165/84                          |
|  | 150.0/121.0              | 189/108                         |
|  | 176.0/147.0              | 201/120                         |
|  | 200.0/171.0              |                                 |
|  | 212.0/189.5              |                                 |
| WB/Turning Diameter<br>(curb-to-curb, ft.) | 109.0/32.8               | 141/42.3                        |
|  | 132.5/40.0               | 165/48.6                        |
|  | 150.0/45.3               | 189/54.8                        |
|  | 176.0/52.5               | 201/57.9                        |
|  | 200.0/58.5               |                                 |
|  | 212.0/61.8               |                                 |
| WB/Body lengths                            | 109.0/10, 12             | 141/10                          |
|  | 132.5/14                 | 165/12                          |
|  | 150.0/16, 18             | 189/14                          |
|  | 176.0/20                 | 201/16 - 18                     |
|  | 200.0/22                 |                                 |
|  | 212.0/24                 |                                 |

**EQUIPMENT**

|                                 |          |                   |
|---------------------------------|----------|-------------------|
| Vehicle Health Reports          | Standard | Not Available     |
| 50 State Clean Idle             | Standard | Optional          |
| 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          |
| PTO prep.                       | Standard | Optional          |
| 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     |
| Limited slip differential       | Optional | Optional          |
| AM/FM/CD                        | Optional | Optional          |
| Air deflector                   | Optional | Not Available     |
| Spare wheel                     | Optional | Optional          |
| Side mounted fuel tank          | Optional | Not Available     |
| Engine protection system        | Optional | Not Available     |
| Engine hour meter               | Optional | Not Available     |
| Backup alarm                    | Optional | Optional          |
| Chrome wheel sim.               | Optional | Optional          |
| Heated mirrors                  | Optional | Optional          |

**WARRANTY**

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