

# ★ ★ ★ ISUZU TRUCK CHALLENGE ★ ★ ★



## NRR vs. Dodge Ram 5500

### NRR Advantages Over Dodge Ram 5500:

- Proven Isuzu 4H Family of Engines with B-10 Life of 310,000 Miles. Ram uses outsourced 6.7 Cummins Engine
- 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 Ram
- Built from the ground up as a commercial vehicle for a long life. RAM 5500 is derived from a pickup.
- NRR 19,500 GVWR versus RAM 5500 18,750 or 19,000 GVWR has about 1700 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 RAM 5500 varies camber with load, contributing to tire wear
- NRR Front Tapered leaf springs with 8,440 lb capacity has a 20% higher capacity and provides a smoother ride than RAM 5500 Coil springs with 7000 lb capacity
- N-Series rear axle capacity of 14,550 is 21% higher than RAM at 12,000 lbs.
- Tilt cab allows easy engine access. Limited engine access on RAM 5500 with very high reach-over to engine area.
- Tighter turning diameter curb-to-curb for comparable cab-to-axle ratio (32.8 ft./110 in. WB vs. 40.1 ft./143 in. WB ) improves maneuverability by 22%
- Wider door opening for easy entry and exit 85 degree vs. 70 degree
- Durable tricote breathable woven seat material is comfortable and long lasting. Solid vinyl on RAM 5500
- Standard tilt and telescopic steering column contributes to driver comfort
- Grab handle to assist entry and exit contributes to safety on the job. Not available on RAM 5500
- Longer scheduled maintenance intervals helps reduce downtime and service costs
- Standard fold-down center seat includes convenient work area on NRR; base seat on RAM 5500 is non-folding bench
- Greater visibility with larger windshield, larger side windows, larger side mirrors and lower dash to improve vision.
- 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
- Easier serviceability with in-cab fluid checks vs. RAM's under-hood fluid-checks

**SPECIFICATIONS**

|                     | <b>Isuzu NRR</b>         | <b>Dodge Ram 5500</b>      |
|---------------------|--------------------------|----------------------------|
| GVWR                | 19,500 lb.               | 18,750 - 19,000 lb.        |
| Engine type         | 5.2 Liter Inline 4HK1-TC | I-6 Cummins                |
| Horsepower          | 215HP @ 2550             | 305 @ 3000                 |
| Torque              | 452 @ 1850               | 610 @ 1600                 |
| Transmission        | Aisin 6 Spd with Dual OD | Aisin 6 Spd with Dual OD   |
| Steering            | Power                    | Power                      |
| Front axle, lb.     | 7,275                    | 7,000                      |
| Front springs, lb.  | 8,440 taperleaf          | 7,000 coil                 |
| Rear axle, lb.      | 14,550                   | 12,000                     |
| Rear springs, lb.   | 14,550 multi leaf        | 12,000 Multi Leaf          |
| Wheels              | 19.5 x 6 in. 6-bolt      | 19.5 x 6 in. 8-bolt        |
| Tires               | 225/70R19.5F             | 225/70R19.5F               |
| Brakes, front       | 14.3 in. disc            | 15.35 in. disc             |
| Brakes, rear        | 12.6 x 4.72 in. drum     | 15.35 in. disc             |
| Frame, psi          | 44,000                   | 50,000                     |
| Frame width, in     | 33.5                     | 34                         |
| Frame RBM           | 316,800                  | NA                         |
| Battery, CCA (gas)  | 2x750                    | 2x750                      |
| Fuel tank, gal.     | 30 in-frame              | 52 in-frame                |
| Seating             | Driver & 2 pass.         | Bench driver & 2 passenger |
| Mirrors, in.        | 8x17                     | 7x10                       |
| WB/CA (effective)   | 109.0/86.5               | 144/60                     |
|                     | 132.5/110.0              | 168/84                     |
|                     | 150.0/127.5              | 192/108                    |
|                     | 176.0/153.5              | 204/120                    |
|                     | 200.0/177.5              |                            |
|                     | 212.0/189.5              |                            |
| WB/Turning Diameter | 109.0/33.5               | 144/40.1                   |
| (curb-to-curb, ft.) | 132.5/40.7               | 168/45.7                   |
|                     | 150.0/45.3               | 192/51.4                   |
|                     | 176.0/51.9               | 204/54.2                   |
|                     | 200.0/58.5               |                            |
|                     | 212.0/61.8               |                            |
| WB/Body lengths     | 109.0/10, 12             | 144/10                     |
|                     | 132.5/14                 | 168/12                     |
|                     | 150.0/16, 18             | 192/14                     |
|                     | 176.0/20                 | 204/16, 18                 |
|                     | 200.0/22                 |                            |
|                     | 212.0/24                 |                            |

**EQUIPMENT**

|                                 |          |                 |
|---------------------------------|----------|-----------------|
| Vehicle Health Reports          | Standard | Not Available   |
| Drop-design windows             | Standard | Not Available   |
| Exhaust brake                   | Standard | Standard        |
| Tilt/telescopic steering column | Standard | Standard Tilt   |
| Tricot fabric                   | Standard | Optional Fabric |
| Tilt cab                        | Standard | Not Available   |
| Folding center seat             | Standard | Standard        |
| Daytime running lamps           | Standard | Optional        |
| Cruise control                  | Standard | Optional        |
| Air conditioning                | Optional | Optional        |
| 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 | Standard        |
| AM/FM/CD                        | Optional | Standard        |
| 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 |