

# ★ ★ ★ ISUZU TRUCK CHALLENGE ★ ★ ★



## ISUZU NPR ECOMAX vs. Sprinter

### **NPR Advantages Over Sprinter:**

- Isuzu 4J Family of Engines produced since 1986 with B-10 Life of 310,000 Miles
- Isuzu 4J EcoMax provides similar fuel economy as Sprinter with more cubic volume
- Tighter turning diameter curb-to-curb for comparable cab-to-axle (32.2 ft./110 in. WB vs. 47.6 ft./144 in. WB) improves maneuverability by 47%
- More available wheelbases on NPR 110, 133.7, 151.4 than Sprinter 144, 177
- More available body configurations and heavy duty frame to accommodate commercial applications
- N-Series can accommodate 12% more cargo capacity with body up to 18 ft. in length vs a maximum 16 ft. on Sprinter
- Higher front-axle capacity of 6,830 lb. is 24% higher than 4,080 Sprinter axle and stands up to rugged commercial uses and durability
- Higher rear-axle capacity contributes to durability in commercial operation N-Series rear axle capacity of 11,020 lb is 43% higher than Sprinter at 7,720 lb
- Taperleaf front springs contribute to ride quality and durability versus coil springs
- Wider door opening for easy entry and exit. 85 degree vs. 70 degree
- Easier serviceability with in-cab fluid checks vs. Sprinters under-hood fluid-checks

**SPECIFICATIONS**

|                                       | <b>Isuzu NPR</b>         | <b>Sprinter</b>               |
|---------------------------------------|--------------------------|-------------------------------|
| GVWR                                  | 12,000 lb.               | 11,030                        |
| Engine type                           | 3 Liter Inline 4JJ1-TC   | 3.0 Liter 72 degree angle V-6 |
| Horsepower                            | 150HP @ 2800             | 188 hp @ 3800 rpm             |
| Torque                                | 282 @ 1600               | 325 lb.-ft. @ 1400 rpm        |
| Transmission                          | Aisin 6 Spd with Dual OD | 5 Speed Automatic             |
| Steering                              | Power                    | Power                         |
| Front axle, lb.                       | 6,830                    | 4,080                         |
| Front springs, lb.                    | 6,830 Tapered Leaf       | Not Available                 |
| Rear axle, lb.                        | 11,020                   | 7,720                         |
| Rear springs, lb.                     | 9,880 multileaf          | Not Available                 |
| Wheels                                | 16 x 6 in. 6-bolt        | 16 x 5 in.                    |
| Tires                                 | 215/85R-16E              | 215/85R-16E                   |
| Brakes, front                         | 11.5 in. disc            | Disc                          |
| Brakes, rear                          | 12.6 x 2.95 in. drum     | Disc                          |
| Frame, psi                            | 44,000                   | Not Available                 |
| Frame width, in                       | 29.5                     | 30.3                          |
| Frame RBM                             | 267,080                  | Not Available                 |
| Battery, CCA (gas)                    | 2x750                    | 1X750                         |
| Fuel tank, gal.                       | 25 in-frame              | 26 in-frame                   |
| Seating                               | Driver & 2 pass.         | Driver & 2 pass.              |
| Mirrors, in.                          | 8x17                     | Not Available                 |
| WB/CA (effective)                     | 110.0/87.5               | 144/85.2                      |
|                                       | 133.7/111.2              | 170/111                       |
|                                       | 151.4/128.9              |                               |
| WB/Turning Diameter Curb to Curb feet | 110.0/32.2               | 144/47.6                      |
|                                       | 133.7/38.7               | 170/54.6                      |
|                                       | 151.4/44.0               |                               |
| WB/Body lengths                       | 110.0/12                 | 144/10, 12                    |
|                                       | 133.7/14                 | 170/14, 16                    |
|                                       | 151.4/16-18              |                               |

**MAXIMUM PAYLOAD**

|                                 |          |                |
|---------------------------------|----------|----------------|
| Vehicle Health Reports          | Standard | Not Available  |
| Drop-design windows             | Standard | Standard       |
| Exhaust brake                   | Standard | Not Available  |
| Tilt/telescopic steering column | Standard | Tilt           |
| Tricot fabric                   | Standard | Optional Cloth |
| Tilt cab                        | Standard | Not Available  |
| Folding center seat             | Standard | Optional       |
| Daytime running lamps           | Standard | Optional       |
| Cruise control                  | 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 | Optional       |
| Air conditioning                | Standard | Standard       |
| AM/FM/CD                        | Optional | Standard       |
| Air deflector                   | Optional | Optional       |
| Spare wheel                     | Optional | Optional       |
| 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   | 36 months/unlimited mileage | 36 months/unlimited mileage |
| Engine warranty | 36 months/unlimited mileage | 60 months/100,000           |