

★ ★ ★ ISUZU TRUCK CHALLENGE ★ ★ ★



ISUZU NPR ECOMAX vs. Dodge RAM 3500

NPR Advantages Over RAM 3500:

- Isuzu 4J Family of Engines produced since 1986 with B-10 Life of 310,000 Miles
- 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 RAM 3500
- Built from the ground up as a commercial vehicle for a long life. RAM 3500 is derived from a pickup.
- Higher front axle capacity of 6,830 lb. is 31% higher than 5,200 lb. RAM axle and stands up to rugged commercial use
- N-Series rear axle capacity of 11,020 lb is 18% higher than RAM at 9,350 lbs.
- Greater payload capacity due to lighter truck weight. NPR diesel weighs approximately 1000 lb. less than comparable RAM 3500
- Tilt cab allows easy engine access. Limited engine access on RAM 3500 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. 44.9 ft./143 in. WB) improves maneuverability by 39%
- 16-inch truck tires average 28% less expensive to replace and more readily available than 17-inch tires on RAM
- 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 3500
- 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 3500
- Longer scheduled maintenance intervals helps reduce downtime and service costs
- Standard fold-down center seat includes convenient work area on NPR; base seat on RAM 3500 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 NPR 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

	Isuzu NPR	Ram 3500
GVWR	12,000 lb.	12,500 lbs
Engine type	3 Liter Inline 4JJ1-TC	6.7 Liter Cummins Inline 6 Cylinder
Horsepower	150HP @ 2800	305HP@ 3000
Torque	282 @ 1600	610 @ 1600
Transmission	Aisin 6 Spd with Dual OD	Aisin 6 Spd with Dual OD
Steering	Power Steering	Power Steering
Front axle, lb.	6,830	5,200
Front springs, lb.	6,830 Tapered Leaf	3,900 Coil
Rear axle, lb.	11,020	9,350
Rear springs, lb.	9,880 multileaf	8,350 Multi Leaf
Wheels	16 x 6 in. 6-bolt	17 x 6.5 in. 8-bolt
Tires	215/85R16E	235/80R17E
Brakes, front	11.5 in. disc	13.9 in. disc
Brakes, rear	12.6 x 2.95 in. drum	13.9 in. disc
Frame, psi	44,000	50,000
Frame width, in	29.5	33.8
Frame RBM	267,080	N/A
Battery, CCA (gas)	2x750	1x730
Fuel tank, gal.	25 in-frame	52 in-frame
Seating	Driver & 2 passenger	Bench driver & 2 passenger
Mirrors, in.	8x17	7x8.5
WB/CA (effective)	110.0/87.5	143/60
	133.7/111.2	165/84
	151.4/128.9	
WB/Turning Diameter Curb to Curb feet	110.0/32.2	143/44.9
	133.7/38.7	165/51.5
	151.4/44.0	
WB/Body lengths	110.0/12	143/10, 12
	133.7/14	165/14, 16
	151.4/16-18	
Maximum payload	6997 lb.	6200 lb.

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
PTO prep.	Standard	Optional
Air conditioning	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
AM/FM/CD	Optional	Optional,
Air deflector	Optional	Not Available
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/36,000 miles
Engine warranty	36 months/unlimited mileage	60 months/100,000 miles