

★ ★ ★ ISUZU TRUCK CHALLENGE ★ ★ ★



ISUZU NPR ECOMAX vs. GM 3500HD

NPR Advantages Over GM 3500HD:

- Isuzu 4J Family of Engines produced since 1986 with B-10 Life of 310,000 Miles
- Proven Aisin medium duty transmission versus GM transmission used in pick up truck applications
- More variety of body configurations available to meet customer needs
- Higher frame yield strength contributes to 18% higher capacity and durability. 44,000 psi vs. 36,000 psi
- N-Series can accommodate 50% more cargo capacity with body up to 18 ft. in length vs a maximum 12 ft. on GM 3500HD
- Built from the ground up as a commercial vehicle for a long life GM 3500HD is built on pickup truck chassis
- Higher front axle capacity of 6,830 lb. is 42% higher than 4,800 GM axle and stands up to rugged commercial use
- N-Series rear axle capacity of 11,020 lb is 13% higher than GM at 9,750 lbs.
- Similar payload capacity even though GM 3500HD has 1,200 more GVWR due to lighter weight of NPR
- Tilt cab allows easy engine access. Limited engine access on GM 3500HD
- Tighter turning diameter curb-to-curb for comparable cab-to-axle ratio (32.2 ft./110 in. WB vs. 46.9 ft./137.5 in. WB) improves maneuverability by 45%
- 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 GM 3500HD
- 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 GM 3500HD
- Longer scheduled maintenance intervals helps reduce downtime and service costs
- Standard fold-down center seat includes convenient work area on NPR
- Greater visibility with larger windshield, larger side windows, larger side mirrors and lower dash to improve vision.
- 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. difficult to access under hood

SPECIFICATIONS

	Isuzu NPR	GM 3500HD
GVWR	12,000 lbs.	13,200
Engine type	4JJ1-TC	6.6 Liter V-8 Duramax
Horsepower	150HP @ 2800	335HP @ 3100
Torque	282 @ 1600	685 @ 1600
Transmission	Aisin 6 Spd with Dual OD	GM 6 Spd OD
Steering	Power Steering	Power Steering
Front axle, lb.	6,830	4,800
Front springs, lb.	6,830 Tapered Leaf	4,800 Independent
Rear axle, lb.	11,020	9,750
Rear springs, lb.	9,880 multileaf	9,750 3 Stage
Wheels	16 x 6 in. 6-bolt	17 x 6.5
Tires	215/85R16E	235/80R17
Brakes, front	11.5 in. disc	13 in. disc
Brakes, rear	12.6 x 2.95 in. drum	13.5 in. disc
Frame, psi	44,000	33,000
Frame width, in	29.5	34.8
Frame RBM	267,080	Not Available
Battery, CCA (gas)	2x750	2x770
Fuel tank, gal.	25 in-frame	63.5 Dual in-frame
Seating	Driver & 2 passenger	Drive & 2 passenger
Mirrors, in.	8x17	7x16
WB/CA (effective)	110.0/87.5	137.5/60
	133.7/111.2	162/84
	151.4/128.9	
WB/Turning Diameter Curb to Curb feet	110.0/32.2	137.5/46.9
	133.7/38.7	162/53.8
	151.4/44.0	
WB/Body lengths	110.0/12	137.5/10
	133.7/14	162/12
	151.4/16-18	
Maximum payload	6997 lb.	6,516 lb.

MAXIMUM PAYLOAD

Vehicle Health Reports	Standard	Not Available
Drop-design windows	Standard	Not Available
Exhaust brake	Standard	Standard
Tilt/telescopic steering column	Standard	Optional Tilt
Tricot fabric	Standard	Optional Fabric
Tilt cab	Standard	Not Available
Folding center seat	Standard	Optional
Daytime running lamps	Standard	Standard
Cruise control	Standard	Optional
PTO prep.	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	Optional
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