

★ ★ ★ ISUZU TRUCK CHALLENGE ★ ★ ★



NQR vs. Ford F-550

NQR 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
- NQR has five wheelbases 109, 132, 150, 176, 200 with longer Cab to Axle options allowing longer bodies, but shorter turning radius
- NQR can accommodate 22% more cargo capacity with body up to 22 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
- NQR 17,950 GVWR versus Ford F-550 17,950 GVWR has similar GVWR but NQR has almost 1000 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
- NQR 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 tricot 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 NQR; 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 NQR vs. 23.8 ft. for F-550
- Standard daytime running lamps vs. optional
- Battery box on frame rails of NQR 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

	Isuzu NQR	Ford F-550 Super Duty
GVWR	17,950 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.	6,830	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	
WB/Turning Diameter (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	
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	

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	36 months/unlimited miles	36 months/36,000 miles
Engine warranty	36 months/unlimited miles	60 months/100,000 miles