



Ford F-550 Super Duty

- » F-550 competes against W5500
- » Chassis cab version of Super Duty pickup
- » 17,950 lb. GVWR standard
- » Optional 19,000 lb. GVWR with regular cab, 2WD, 165 or 201 in. WB only
- » Monobeam coil-spring front suspension
- » 6.8L V-10 gas standard; 6.4L V8 diesel optional
- » 2WD and 4WD
- » Regular cab, extended cab and crew cab
- » 4 WB for regular cab; 1 WB for extended cab and 2 WB for crew cab
- » 3 trim levels

NQR/W5500 Advantages over Ford F-550 Super Duty

- Longer maximum CA and CE dimensions on longest wheelbase allows NQR/W5500 to handle longer bodies (22 ft. vs. 16 ft.)
- Higher payload when comparably equipped (more than a half-ton (1000 lb.) greater payload than F-550 for diesel models)
- Higher standard front GAWR contributes to durability (6830 lb. vs. 4800 lb. for gas engine models)
- Higher capacity rear axle contributes to durability (14,550 lb. vs. 13,500 lb.)
- Tighter turning diameter (curb-to-curb) for comparable cab-to-axle ratio results in much better maneuverability and time saved on the job site (45.3 ft./120-in. CA vs. 57.9 ft./120-in. CA)
- Easy access with large step and excellent grab handles. F-550 has no outside step and a 27-inch step to reach the door sill
- Wider door opening for easy entry and exit (85° vs. 60°)
- Battery box on frame rails of NQR/W5500 helps extend battery life by removing batteries from hot under-hood area, used by Ford
- Standard tilt and telescopic steering column contributes to driver comfort (optional tilt steering wheel on F-550 Super Duty)
- Tilt cab allows easy engine access, for reduced service and maintenance cost and downtime (limited engine access through hood on F-550 Super Duty. Ford recommends cab removal for major engine work)
- Greater visibility with larger windshield, larger side windows, larger side mirrors and lower dash, for driver vision and safety (Front sight line to ground is significantly shorter: 8.6 ft. for NQR/W5500 vs. 23.8 ft. for Ford F-550 Super Duty)
- Higher frame yield strength contributes to durability (44,000 psi vs. 36,000 psi)
- 6-speed Aisin automatic transmission vs. 5-speed Ford automatic
- Fold-down passenger's seat and fold-down center seat with tray are standard, for convenience (center seatback folds down, passenger seat doesn't fold on F-550 Super Duty)
- Standard exhaust brake contributes to braking power and brake component life (not available on F-550 Super Duty)
- Diesel engine is standard, for greater value at base price (optional on F-550 Super Duty)
- Longer diesel engine warranty helps manage repair costs (3 years/unlimited miles vs. 3 years/36,000 miles)
- Standard daytime running lamps contribute to safety (Optional on F-550 Super Duty)



Ford LCF/ International CF 600

- » Same product for Ford and International
- » Mazda-based cab on International frame
- » 17,950 lb. GVWR standard on Ford L55 and International CF 600; 19,500 lb. optional
- » 4.5L V6 diesel only
- » 5 wheelbase choices
- » No crew cab available
- » No gas engine available
- » Range of cab colors
- » Ford 5-speed automatic transmission only
- » Standard 34-inch frame width

NQR/W5500 Advantages over Ford LCF L55/International CF 600

- Well-proven Isuzu diesel truck engine vs. International-sourced V6 diesel that has limited service history in any vehicle
- Longer diesel engine warranty, 3 years/unlimited miles vs. 3 years/ 150,000 miles
- Longer base warranty, 3 years/unlimited miles vs. 2 years/unlimited miles for Ford LCF and International CF
- Larger cab contributes to driver and passenger comfort and utility. Ford/International cab has 7.5-in. shorter BBC, and less room in every dimension
- Wider shoulder room in cab (72 in. vs. 66 in.) adds to comfort when carrying three passengers
- N/W cab has 2.5 inches more room for the driver's feet, adding to safety. LCF cab restricts the driver from easily moving a foot from throttle to brake
- With the driver's seat all the way back, N/W has 2.25 inches more belly room than the LCF
- N/W driver has 1.5 inches more room to the throttle and 3.5 inches more leg room to the brake pedal than LCF/CF driver
- N/W has 1.5 in. more head room and 1 in. more leg room for a center seat passenger
- Wider door opening for easy entry and exit (85° vs. 65°)
- Durable tricote breathable seat fabric is comfortable and long lasting (vinyl seat standard on Ford and International, with optional cloth)
- Larger outside mirrors (17 inches tall vs. 11.5 inches) contributes to driver's visibility and safety
- Fold-down passenger's seat and center seat with tray standard, providing additional convenience (Ford and International have folding center seat only)
- 6-speed Aisin automatic transmission vs. Ford 5-speed automatic ads durability and performance
- Fuse box inside cab is easily accessible vs. fuse box behind cab on frame on Ford/International
- Higher capacity rear axle (14,550 lb. vs. 13,500 lb.) contributes to long-term durability
- Standard daytime running lamps contribute to safety. Optional on Ford LCF and International CF
- Standard engine exhaust brake with diesel engine (not available on Ford or International)
- Engine shut-down system, with or without engine hour meter, contributes to reduced operating costs (not available on Ford or International)
- Overhead cam engine design reduces reciprocating mass for engine efficiency and enables full cylinder water jackets for long-term engine durability
- Precision machined fit dry cylinder liners on Isuzu diesel engine allow efficient engine rebuilding for extreme mileage customers. International engine is a parent bore design
- N/W parking brake operates with one-fifth the effort of the LCF/CF parking brake (8 lb. vs. 40 lb.)



Sterling 360 and Mitsubishi Fuso FE180

- » Mitsubishi Fuso sells a full line of low cab forward trucks covering the same weight categories and customer needs as Isuzu and GM N/W-Series. Sterling sells this as the 360
- » FE180 is 17,995 lb. GVWR competing against NQR/W5500
- » FE180 is the top end of the small LCF range from Mitsubishi Fuso. It shares the cab with the FE125 and FE145
- » Cab interior has dash-mounted shifter, standard power windows and door locks
- » Aisin 6-speed automatic available and standard on 360

NQR/W5500 Advantages over Sterling 360 and Mitsubishi Fuso FE180

- Higher horsepower at lower rpm adds to performance (205 hp @ 2400 rpm vs. 185 hp @ 2700 rpm)
- Higher standard front GAWR contributes to long-term durability (6830 lb. vs. 6660 lb.)
- Higher standard rear GAWR contributes to long-term durability (12,980 lb. vs. 12,700 lb.)
- Larger wheels and tires for ride quality and providing room for larger brake components. 19.5 in. tires are also a more readily available size than 17.5 in. tires (19.5 in. x 6.0 in. vs. 17.5 in. x 6.0 in.)
- Taperleaf front springs contribute to ride quality and durability (multileafs used on FE180/360)
- Air filter restriction gauge is standard on NQR/W5500, not available on FE180/Sterling 360
- Standard cruise control on NQR/W5500 vs. no cruise control on FE180/Sterling 360
- Wider door opening eases entry and exit (85° vs. 70°)
- Durable tricote breathable seat material is comfortable and long lasting (cloth on FE180/360)
- Integrated automatic transmission cooler is well protected behind grille, while Mitsubishi Fuso has low-hanging transmission cooler exposed to damage
- Longer warranty on frame can help control service and repair costs (36 months/unlimited mileage with 100% coverage and 36 to 60 months/unlimited mileage with 50% coverage vs. 48 months/unlimited mileage)
- Easier serviceability of the air filter. Horizontal placement reduces likelihood of filter coming out of housing. FE/360 has vertical-mount that allows filter to drop from housing, if not secured
- Better front bumper protection, with bumper protruding 6.5 in. from cab vs. 3.1 in. for FE/360
- GM and Isuzu powertrain warranty includes engines, transmissions, axles, driveshafts and universal joints. Mitsubishi Fuso powertrain warranty only includes engines and transmissions
- Longer, more comprehensive roadside assistance helps reduce downtime and contributes to service cost control (36 months/unlimited mileage vs. 24 months/unlimited mileage, towing only on FE180)
- Secondary leaf spring bump pads on rear suspension cushion ride on bad roads. Not available on FE/360
- Integrated automatic transmission cooler is well protected behind grille, while Mitsubishi Fuso has low-hanging frame-mounted transmission cooler exposed to damage



Nissan UD 1800CS

- » Nissan UD sells a full line of low cab forward trucks covering the same weight categories and customer needs as the Isuzu and GM N/W-Series trucks
- » 1800CS is 17,995 lb. GVWR competing against NQR/W5500
- » Nissan UD also sells the 1800HD, which has the same 17,995 GVWR, but uses a 6-cylinder engine and larger cab
- » 5 wheelbase choices
- » Hino diesel engines used in Nissan UD trucks

NQR/W5500 Advantages over Nissan UD 1800CS

- Higher power (205 hp vs. 175 hp) and more torque helps haul heavy loads up hills (441 lb.-ft. @ 1850 rpm vs. 347 lb.-ft. @ 1600 rpm)
- Higher rear-axle capacity contributes to long-term durability (14,550 lb. vs. 14,330 lb.)
- Rear shock absorbers contribute to greater control and less damage to loads (not available on 1800CS)
- Larger wheels provide room for larger, more powerful brakes (19.5 in. x 6.0 in. vs. 17.5 in. x 6.0 in.)
- Larger tires are standard size for easy availability and replacement, and offer tire-life benefits (225/70R19.5F vs. 215/75R17.5)
- Large-diameter 14.2 in. front disc brakes for powerful stopping and longer service intervals (12.6 in. drum brakes front and rear on 1800CS)
- Full hydraulic brake system is simple and reliable. UD1800CS uses air-over-hydraulic drum brakes, requiring an air pump, air tanks and air dryer
- Optional engine oil pan heater contributes to cold-weather starting ease (not available on 1800CS. Only block heater)
- 6-speed Aisin automatic transmission vs. 4-speed provides wider range of gears for greater acceleration and higher fuel economy
- Choice of in-frame or side-mounted fuel tanks. Nissan UD only has left-hand side-mounted fuel tank
- Longer base warranty (3 years/unlimited miles vs. 2 years unlimited miles) helps reduce ownership costs
- Longer warranty on frame helps protect buyer from excessive repair costs (36 months/unlimited mileage with 100% coverage and 36 to 60 months/unlimited mileage with 50% coverage vs. 24 months/unlimited mileage)
- Available engine shut-down on diesel helps protect against low oil level, high engine temperature, or low water level (not available on UD1800CS)
- Greater battery capacity contributes to reliable starting (2 x 750 CCA vs. 2 x 522 CCA)
- Greater alternator capacity can be important when operating additional equipment (110 amp vs. 80 amp)
- Available shorter 109 in. wheelbase for easy maneuverability and short-body handling capability without cutting the frame (142.5 in. WB is shortest available on 1800CS)
- Standard tilt-down center seat workstation adds utility. Third passenger seat is optional on UD 1800CS
- Longer, more comprehensive roadside assistance coverage helps control repair costs (36 months/unlimited mileage vs. 24 months/unlimited mileage; full roadside assistance vs. towing only)
- All-new cab with larger interior dimensions, larger windows and larger doors for greater ease of access and comfort vs. Nissan UD carryover cab

Specifications	NQR/ W5500	Ford F-550	Ford LCF L55/ International CF 600	Mitsubishi Fuso FE180/Sterling 360	Nissan UD 1800CS
GVWR, lb.	17,950	17,950	17,950	17,995	17,995
Engine type, diesel	SOHC I-4 Turbo	OHV V8 Power Stroke	OHV V6	MF DOHC I-4 Turbo	Hino I-4 Turbo
Displacement, diesel	5.2L	6.4L	4.5L	4.9L	4.7L
Horsepower, diesel	205 @ 2400	325 @ 3000	200 @ 2700	185 @ 2700	175 @ 2700
Torque	441 @ 1850	600 @ 2000	440 @ 1800	391 @ 1600	347 @ 1600
Engine, gas	NA	6.8L SOHC V10	NA	NA	NA
Horsepower, gas	NA	355 @ 4750	NA	NA	NA
Torque, gas	NA	455 @ 3250	NA	NA	NA
Clutch, in.	NA	11.9	NA	12.8	12.8
Transmission	60DA Aisin	60DM/50DA Ford	50DA Ford	60DM/60DA Aisin	60DM/40DA Aisin
Alternator, amp	110	130	135	100	100
Battery, CCA (gas)	2 x 750	2 x 750 (1 x 750)	2 x 925	2 x 799	2 x 522
Steering	18.8-20.9:1 power	20.3:1 power	TRW power	12/17:1 power	power
Front axle, lb.	6830	6000	7000	6835	6830
Front springs, lb.	8440 taperleaf	5600 coil	7000 taperleaf	6395 multileaf	6830 multileaf
Rear axle, lb.	14,550	13,500	13,500	13,230	14,330
Rear springs, lb.	14,550 multileaf	13,500 multileaf	11,000 multileaf	12,700 multileaf	13,000 multileaf
Wheels	19.5 x 6 in. 6-bolt	19.5 x 6 in. 10-bolt	19.5 x 6 in. 10-bolt	17.5 x 6 in. 6-bolt	17.5 x 6 in. 6-bolt
Tires	225/70R-19.5F	225/70R-19.5F	225/70R19.5F	215/75R-17.5E	215/75R-17.5F
Brakes	Power hydraulic	Power hydraulic	Power hydraulic	Power hydraulic	Air/hydraulic
Brakes, front, in.	14.3 disc	14.5 disc	15.35 disc	dual-caliper disc	12.6x4.33 drum
Brakes, rear, in.	12.6 x 4.72 drum	15.3 disc	15.35 disc	dual-caliper disc	12.6x5.31 drum
Frame, psi	44,000	36,000	50,000	51,200	51,200
Frame width, in.	33.5	34	34	33.1	33.9
Frame sec. mod.	7.20 cu in.	10.1/17.2 cu. in.	9.22 cu. in.	8.1 cu. in.	7.1 cu. in.
Frame RBM	316,800	363,600	461,100	415,232	418,000
Fuel tank, gal.	30 in-frame	40 in-frame	40 in-frame	LH 33 side	LH 33 side
Seating	Driver & 2 pass.	3-pass. bench	Driver & 2 pass.	Driver & 2 pass.	Driver & 1 pass.
Mirrors, in.	6 x 16	7 x 8.5	6 x 11.5 + 8 x 6	7 x 10 + 3.5 x 6	6.5 x 11 + 5.8x4.3
Base warranty	3 yr./unl. mi.	3 yr./36,000 mi.	2 yr./unl. mi.	3 yr./unl. mi.	3 yr./unl. mi.
Engine warranty	3 yr./unl. mi.	3 yr./36,000 mi.	3 yr./150,000 mi. (Intl.) 3 yr./unl. mi. (Ford)	5 yr./175,000 mi.	3 yr./unl. mi.
WB/CA (effective)/ Turning diameter	109/80.0/33.5 132.5/103.5/40.7 150/121.0/45.3 176/147.0/51.9 200/171.0/	141/60.0/42.3 165/84.0/48.6 189/108.0/54.8 201/120.0/57.9	115/86/33.2 137/108/38.5 149/120/41.3 167/138/44.8 185/156/49.0	114.6/86.0/35.1 134.3/105.7/39.4 152.4/123.8/44.0 164.2/147.4/48.6 176.0/160.8/51.2	142.5/115.6/38.0 160.6/133.7/42.6 172.4/145.5/45.2 184.3/157.3/48.0 196.9/169.9/51.2
WB/CE/OL (alt. AF for Int./Ford)	109/129.6/200.5 132.5/153.1/224.0 150/176.0/241.5 176/196.6/267.5 200/220.6/291.0	141/107.5/226 165/131.5/250 189/155.5/274 201/167.5/286	115/133.7/204.7 115/149/220.2 137/155.5/228.7 137/171/244.2 149/167.5/240.7 149/195/268.2 167/213/286.2 185/252/325.2	114.6/161.7/228.2 134.3/181.3/247.9 152.4/199.4/266.0 164.2/211.3/288.6 176.0/223.1/302.0	142.5/175.4/248.6 160.6/203.4/276.6 172.4/219.5/292.7 184.3/237.2/310.4 196.9/258.5/331.7
WB/Body lengths	109/12 132.5/14 150/16, 18 176/20 200/22	141/8, 9 165/10, 11, 12 189/11, 12, 14 201/14, 16	115/10, 12 137/11, 12, 14 149/14, 16 167/16, 18 185/18, 20	114.6/12 134.3/14 152.4/16 176.0/18 189.4/20	142.5/14 160.6/16 172.4/18 184.3/20 196.9/22
AH	8.3	7.8	7.8	7.4	7.8
AW	65.6	75.0	75.0	65.6	69.3
BA	48.4	37.4	44.2	45.9	42.3
BBC	70.9	118.2	63.3	66.6	73.2
CW	65.0	74.0	62.7	65.4	65.9

Standard Equipment

	NQR/ W5500	Ford F-550	Ford LCF L55/ International CF 600	Mitsubishi Fuso FE180/Sterling 360	Nissan UD 1800CS
Exhaust brake	■	NA	NA	■	■
Tilt/telescopic st. wheel	■	Opt. tilt	■	■	■
Tricot fabric	■	Opt. fabric	Opt. fabric	■ cloth	■ cloth
Tilt cab	■	NA	■	■	■
Folding center seat	■	Opt.	■	NA	■
DRL	■	Opt.	Opt.	■	■
PTO prep.	■	■	■	NA	NA
Cruise control	■	Opt.	Opt.	NA	■
Power windows	■	■	Opt.	■	■
Power door locks	■	■	Opt.	■	■
Convex mirrors	■	■	■	■	■

Optional Equipment

Engine oil pan heater	■				
AM/FM/CD	■	■	■	■	■
Air deflector	■				■
Spare wheel	■ (dealer installed)	■	■		■
Side-mount fuel tank	■		■	Std.	Std.
Air conditioning	■	■	■	■	Std.
Engine Protect. System	■	■		■	
Hour meter	■	■			
Backup alarm	■	■			
Chrome wheel sim.	■	■			



Ford F-550 Super Duty

- » F-550 Super Duty is a popular conventional cab class 5 chassis cab competing against numerous GM products. While the conventional cab F-550 is a different configuration than the low cab forward N/W, it is the dominant product in class 5
- » Chassis cab version of Super Duty pickup
- » 17,950 GVWR for F-550
- » 6.8L V-10 gas standard or 6.4L V8 diesel optional
- » Ford 5-speed automatic optional, or 6-speed manual standard
- » 2WD and 4WD
- » Regular cab, extended cab and crew cab
- » 4 WB for regular cab; 1 WB for extended cab and 2 WB for crew cab

NRR/W5500-HD Advantages over Ford F-550 Super Duty

- Longer maximum CA and CE dimensions on longest wheelbase allows NRR/W5500-HD to handle longer bodies (24 ft. vs. 16 ft.)
- Ford's 19,995 lb. GVWR is only available on 201-in. WB trucks, while NRR/W5500-HD is available with 19,500 lb. GVWR on all wheelbase lengths
- High-capacity front taperleaf springs provide excellent ride quality with long-term durability (8840 lb. taperleaf vs. 6000 lb. coil springs on Ford)
- High-capacity rear springs for long-term durability (14,550 lb. vs. 13,500 lb.)
- Variable ratio power steering for quicker, easier maneuverability (vs. constant ratio on F-550 Super Duty)
- Tighter turning diameter (curb-to-curb) for comparable cab-to-axle ratio results in much better maneuverability and time saved on the job site (45.3 ft./120-in. CA vs. 57.9 ft./120-in. CA)
- Easy access with large step and excellent grab handles. F-550 has no outside step and a 27-inch step to reach the door sill
- Wider door opening for easy entry and exit (85 degrees vs. 60 degrees)
- Durable tricot breathable seat material for comfort and durability (Standard vinyl on F-550; cloth optional)
- Standard tilt and telescopic steering column (optional tilt steering wheel on F-550)
- Tilt cab allows easy engine access (limited engine access through hood on F-550 Super Duty)
- Higher frame yield strength contributes to long-term durability (44,000 psi vs. 36,000 psi)
- Greater visibility with larger windshield, larger side windows, larger side mirrors and lower dash for greater driver vision and safety
- Fold-down passenger's seat and center seat with tray standard, for convenience (not available on F-550 Super Duty)
- Battery box on frame rails of NRR/W5500-HD helps extend battery life by removing batteries from hot under-hood area, used by Ford
- Standard exhaust brake to help extend brake life (not available on F-550 Super Duty)
- Diesel engine is standard, for added value (optional on F-550 Super Duty)
- 6-speed Aisin automatic transmission vs. 5-speed Ford automatic
- Standard cruise control, power windows and power door locks vs. optional on Ford
- Longer warranty contributes to lower operating costs (3 years/unlimited miles vs. 3 years/36,000 miles full coverage and up to 5 years/100,000 miles with a deductible charge)