

# 2013 F-650/F-750 SUPER DUTY®



# F-650/F-750 SUPER DUTY Specifications | Standard Features

## F-650 Pro Loader®

### Maximum Capabilities<sup>1</sup>

Cummins® ISB 6.7L Turbo Diesel  
GVWR: 26,000 lbs.  
6.8L Triton® V10 3-valve gas  
GVWR: 26,000 lbs.

### Equipment Configurations

Front axle: 8,500 lbs. Meritor®  
MFS-08-153B I-Beam (standard)  
Rear axle: 13,500 lbs. Meritor  
MS-17-14X-3DLF single-speed  
(standard)  
Driveline: 4x2 dual rear wheel only  
Bodies: Regular Cab, SuperCab,  
Crew Cab  
Trim Series: XL, XLT

## F-650

### Maximum Capabilities<sup>1</sup>

Cummins ISB 6.7L Turbo Diesel  
GVWR: 29,000 lbs.  
6.8L Triton V10 3-valve gas  
GVWR: 30,000 lbs.

### Equipment Configurations

Front axle: 8,500 lbs. Meritor  
MFS-08-153B I-Beam (standard)  
Rear axle: 17,500 lbs. Dana Spicer®  
S17-140 single-speed (standard)  
Driveline: 4x2 dual rear wheel only  
Bodies: Regular Cab, SuperCab,  
Crew Cab  
Trim Series: XL, XLT

## F-750

### Maximum Capabilities<sup>1</sup>

Cummins ISB 6.7L Turbo Diesel  
GVWR: 37,000 lbs.

### Equipment Configurations

Front axle: 10,000 lbs. Meritor  
MFS-10-122A I-Beam (standard)  
Rear axle: 21,000 lbs. Meritor  
MS-21-14X-3DLF single-speed  
(standard)  
Driveline: 4x2 dual rear wheel only  
Bodies: Regular Cab, SuperCab,  
Crew Cab  
Trim Series: XL, XLT



### Mechanical

10-gal. DEF tank (diesel)  
12-volt Delco Remy 38 MT Type 300 starting motor (diesel)  
12-volt starting motor (gas)  
Fuel tank – 42-gal. single rectangular steel, shallow (13" deep),  
frame-mounted on left side (Regular Cab/SuperCab gas)  
Fuel tank – 45-gal. single rectangular steel, shallow (13" deep),  
frame-mounted on left side (diesel)  
Fuel tank – 60-gal. single rectangular steel, shallow (13" deep),  
frame-mounted on left side (Crew Cab gas)  
Allison Transmission™ with synthetic transmission fluid  
(automatic; diesel)  
Ford TorqShift® 6-speed automatic transmission  
(without PTO provision; gas)  
Alternator – 177-amp, 12-volt, Denso (gas)  
Alternator – 185-amp, 12-volt, Leece-Neville, pad-mounted (diesel)  
Batteries – 750 Cold Cranking Amps (CCA), 12-volt  
(2 for a total of 1,500 CCA; diesel)  
Battery – 950 Cold Cranking Amps (CCA), 12-volt (gas)  
Battery box at right-hand frame rail under cab step  
BorgWarner fan clutch (diesel)  
Bosch DDSA-type parking brake, 12" x 3", rear axle-mounted  
Brakes – Meritor Quadraulic™ split-system, full-power, 4-channel  
Anti-Lock Brake System (ABS)  
Donaldson® single element air cleaner with restriction indicator (diesel)  
Driveshaft – Spicer SPL100  
Emergency flashers  
Engine coolant with red, extended-life Organic Acid Technology (OAT)  
-40°F freeze-protection rating  
Exhaust – In-line single, horizontal, diesel particulate filter assembly;  
frame-mounted right side back of cab, single horizontal SCR assembly;  
frame-mounted right side back of cab, horizontal tailpipe; exits behind  
rear wheels, right side (diesel)  
Exhaust – In-line single, horizontal, muffler, catalytic converter, frame-  
mounted right side back of cab; downward-facing outlet tip (gas)  
Fleetguard® fuel/water separator with electric-type heater and primer  
pump (diesel)  
Frame-mounted body-builder wiring at back of cab  
Front double-acting shock absorbers  
Fuses – SAE blade-type  
Parking brake control lever, right of driver  
Radiator – 717 sq.-in., cross-flow, aluminum with in-tank transmission  
fluid cooler (diesel)  
Radiator – 857 sq.-in. aluminum with in-tank transmission fluid cooler (gas)  
Rectangular halogen sealed-beam headlamps (includes front-side  
marker lamps with reflectors)  
STEMCO® wheel seals (front and rear axle), oil-lubricated wheel  
bearings (front and rear)  
Taillamps (2) with integrated stop, turn signal, backup and license plate  
Vari-rate suspension with multi-leaf rear springs  
Viscous fan clutch (gas)

### Cab Equipment – Interior

Air conditioning – Manual with integral heater and defroster  
Air registers with positive shut-off  
Assist handle on interior A pillars  
Coat hooks (2)  
Cruise control with steering wheel-mounted controls  
Cupholders on 70% front passenger seat fold-down armrest  
Floor covering – Black vinyl  
Gauge cluster with electronic speedometer (mph/kph), oil pressure,  
coolant temperature, DPF gauge (diesel only), transmission temperature  
(gas only), fuel gauge, tachometer, indicator lights, enhanced 3-button  
message center with odometer, trip odometer, distance to empty for  
fuel, average fuel economy and warning messages  
Left-/right-hand front-window demisters  
Multifunction, self-canceling turn signal switch  
Powerpoints – 12-volt (2)  
Rear-mounted dome lamp with integral map lights  
(Regular Cab/Crew Cab only)  
Scuff plates – Black molded-in-color  
Steering wheel – Black vinyl 2-spoke (15.5" diameter with 8,500-lb.  
front axle; 17.5" diameter with 10,000-lb. front axle)  
Tilt steering column  
Upfitter switches (4) located in center IP with connector access located  
in engine compartment; 10 amps per switch (XL/XLT diesel, XLT gas)

### Cab Equipment – Exterior

Assist handle on exterior B pillars (Regular Cab)  
Assist handle on exterior rear doors (SuperCab)  
Assist handle on exterior C pillars (Crew Cab)  
Bumper – Front; full-width, chrome-plated steel  
Dual electric horn  
Grille – Chrome (includes chrome headlamp bezels)  
Hood – Frame-mounted front-end-tilting fiberglass hood and fenders  
assembly with torsion-bar assist (includes integrated noise shield, inner  
splash shields and mud flaps)  
Lamps – Roof marker/clearance (5)  
Mirrors – Auxiliary convex (2), stainless steel, 8" diameter, mounted  
below primary mirrors (XLT diesel only; available only with dual stainless  
steel West Coast-style mirrors)  
Mirrors – Dual rectangular, 7.5" x 16.5" stainless steel, West Coast-style,  
102"-wide spacing (diesel)  
Mirrors – Dual rectangular, manually adjustable with integrated blind  
spot mirrors, sail-type, 96"-wide spacing (gas)  
Window – Fixed rear, solar-tinted  
Windshield – Laminated glass, solar-tinted  
Windshield wipers – 2-speed intermittent with washer

### Safety & Security

Belt-Minder® safety belt reminder (chime and flashing warning light  
on instrument panel if driver's safety belt isn't buckled)  
Safety belts – Color-keyed with fixed D-rings at all positions  
(Regular Cab)<sup>2</sup>  
Safety belts – Color-keyed with front-seat adjustable D-rings  
(SuperCab/Crew Cab)<sup>2</sup>

<sup>1</sup>When properly equipped. <sup>2</sup>Always wear your safety belt.

Comparisons based on 2012/2013 competitive models (Class 6-7 Conventional Chassis Cabs), publicly available information and Ford certification data at time of release. Some features discussed may be optional. Vehicles throughout this PDF are shown with optional and aftermarket upfit equipment. Features shown may be offered only in combination with other options or subject to additional ordering requirements or limitations. Dimensions and capability ratings shown may vary due to optional features and/or production variability. Following release of the PDF, certain changes in standard equipment, options and the like, or product delays may have occurred which would not be included in these pages. Your Ford Dealer is the best source for up-to-date information. Ford Division reserves the right to change product specifications at any time without incurring obligations. Body manufacturers are responsible for compliance certification of the completed vehicle. The Ford New Vehicle Limited Warranty and any government certification made by Ford shall cover only the vehicle as manufactured by Ford and shall not extend to any addition, modification or change of or to the vehicle by the Ford Authorized Pool Account.



# F-650/F-750 SUPER DUTY Specifications | Available Features

## Axle & Suspension – Front

EmGard® SAE 50 synthetic manual transmission lubricant

Rubber auxiliary springs

## Axle & Suspension – Rear

Air suspension (requires air brake or compressor; diesel)

Air suspension dump valve with driver-controlled pressure release in overhead pod (diesel)

Air suspension leveling valve (diesel)

Double-acting shock absorbers

EmGard EP 75W-90 synthetic gear lubricant

## Brakes & Brake Equipment

Air brake system – Meritor Q-plus with ABS, 4-channel

Air brake system with traction control – Automatic transmission (traction control switch in overhead pod; diesel)

Air brake system – Straight truck use only (diesel)

Air brake system – Tractor use only (Regular Cab/SuperCab only; diesel)

Hydraulic brake system with traction control – Automatic transmission (brake system control in overhead pod; diesel)

Air compressor – Cummins engines: 18.7-CFM capacity; includes direct-reading air pressure gauge and 1 air tank; 1,742 cu.-in. (requires hydraulic brake system; diesel)

Air dryer – Bendix® AD/IP with heater mounted on left frame rail back of cab (restrictions apply; diesel)

Automatic drain valve (Bendix DV-2) with heater (diesel)

Brake chambers spring – Relocated to back of rear axle for maximum ground clearance (n/a on Pro Loader®; diesel)

Powered parking brake – Bosch DSSA type, 12" x 3" rear axle-mounted (requires traction control; diesel)

## Trailer Connections

4-wheel trailer Air Brake Package (n/a on Pro Loader)

7-way trailer connection socket, mounted at rear of frame, for combined trailer stop/tail/turn/marker light circuits

7-way trailer connection socket, mounted at rear of frame, for separate trailer stop/tail/turn/marker light circuits

7-way trailer connection socket, mounted at rear of frame, wired for turn signals combined with stop (compatible with trailers that use combined stop/tail/turn lights; requires air brakes; diesel only)

7-way trailer connection socket, mounted at rear of frame, wired for turn signals independent to stop (compatible with trailers that have amber or side turn lights with independent stop/turn; requires air brakes; diesel only)

## Fuel Tanks

Steel – Shallow (13" depth)

Steel – Deep (16" depth; diesel)

## Engine Equipment

Cummins® ISB 6.7L Turbo Diesel

6.8L Triton® V10 3-valve gas (F-650 Pro Loader; F-650 only)

Emergency Vehicle Special Programming (restrictions apply)

Engine block heater – 750-watt

Engine exhaust brake – Variable Geometry Turbocharger (VGT™) (activation switch is in overhead pod; diesel)

CARB-compliant vehicle (receives clean idle label on hood; diesel)

CARB-exempt vehicle (no label; diesel)

Non-CARB-compliant vehicle (41-state certification; diesel)

CNG/LPG Gaseous Engine Prep Package includes hardened intake valves and valve seats (6.8L Triton V10 gas)

## Driveline & Clutches

Clutch – Fuller® 14," single-plate, adjustment-free (diesel)

Clutch – Fuller 14," 2-plate, adjustment-free (diesel)

EmGard SAE 50 synthetic manual transmission lubricant (diesel)

Ford TorqShift® 6-speed automatic transmission (with PTO provision; gas)

Spicer® SPL 140 driveshaft (diesel)

## Exhaust

5-gal. DEF tank – Mounted left frame rail under cab for clean CA on Regular Cab/SuperCab only (diesel)

10-gal. DEF tank – Mounted right frame rail aft of cab on Regular Cab/SuperCab; under cab on Crew Cab (diesel)

In-line single, horizontal, diesel particulate filter assembly; frame-mounted right side back of cab, single horizontal SCR assembly; frame-mounted right side back of cab, includes horizontal tailpipe; exits in front of rear wheels on right side (over-221" wheelbase only; diesel)

Switchback single, horizontal, diesel particulate filter assembly; frame-mounted outside right rail under cab; includes single horizontal SCR assembly; frame-mounted outside right rail under cab; horizontal tailpipe right-side outlet (available on all wheelbases; requires left-side or temporary battery mount; diesel)

Switchback single, horizontal, diesel particulate filter assembly; frame-mounted outside right rail under cab; includes single horizontal SCR assembly; frame-mounted outside right rail under cab; horizontal tailpipe left-side outlet (available on all wheelbases; requires left-side or temporary battery mount; diesel)

Switchback single, horizontal, diesel particulate filter assembly; frame-mounted outside right rail under cab; includes single horizontal SCR assembly; frame-mounted outside right rail under cab; right-side-mounted vertical tailpipe and guard (available on all wheelbases; requires left-side or temporary battery mount; diesel)

Turn-back outlet for vertical exhaust only (diesel)

## Electrical

Alternator – 220-amp, 12-volt Leece-Neville (diesel)

Alternator – 320-amp, 12-volt Leece-Neville (diesel)

Batteries – 950 CCA, 12-volt (2 for a total of 1,900 CCA; diesel)

Batteries – 750 CCA, 12-volt (3 for a total of 2,250 CCA; diesel)

Batteries – 950 CCA, 12-volt (3 for a total of 2,850 CCA; diesel)

Battery box – Temporary mount (dual 750 CCA or dual 950 CCA only; diesel)

Body-builder special wiring harness

Body-builder wiring to end of frame

Daytime running lamps

Electric, 102-decibel backup alarm

Fender-mounted, front- and rear-facing turn signal lamps

Remote-mounted jump-start stud

Truck-Lite® Super 44 stop/turn/tail and Truck-Lite Super 40 backup lamps (includes separate rear reflectors; does not include power module or rubber mount)

Taillamp delete (does not omit cable to end of frame)

## Cab Equipment – Exterior

Front bolt-on-type frame extension, 20" without crossmember (requires fixed grille, swept-back front bumper or front bumper delete; n/a on Pro Loader)

Front bumper – Full-width, painted-steel, Dark Shadow Gray color (n/a on XLT)

Front bumper – Swept-back, painted-steel, Dark Shadow Gray color (requires frame extension)

Front bumper delete

Front license plate holder with upper and lower mounting-plate hardware (diesel)

## Cab Equipment – Exterior (continued)

Front tow hooks (2) – Frame-mounted inside rail (included on XLT)

Grille – Dark Shadow Gray

Grille – Fixed, Dark Shadow Gray

Horn – Air, black, single-trumpet, mounted on frame rail back of bumper (diesel)

Mirrors – Auxiliary convex (2), stainless steel, 8" diameter, mounted below primary mirrors (included on XLT)

Mirrors – Dual rectangular, manually adjustable with integrated blind spot mirrors, sail-type, 96"-wide spacing (standard on gas; optional on diesel)

Mirrors – Dual rectangular, manually adjustable with integrated blind spot mirrors, sail-type, 102"-wide spacing

Mirrors – Dual stainless steel with heated and lighted heads, rectangular, 7.5" x 16.5", West Coast-style, 102"-wide spacing

Mirrors – Trailer tow, manually telescoping with manual glass and manual 2-way fold (sail mount)

Mirrors – PowerScope® trailer tow, power-telescoping with power glass, power-folding, heated, includes manual convex integrated blind spot mirrors, integrated clearance lamps and turn signal indicators (sail mount; XLT only; n/a with air conditioning delete)

Mud flaps – Rear

Mud flaps holder – Without flaps

Wheel ornamentation – Front/rear; Ford bright center cap and lug nut covers (polished aluminum wheels only)

## Cab Equipment – Interior

Air conditioning delete; fresh air heater and defroster only (XL only)

AM/FM stereo with clock and 2 speakers (XL only)

AM/FM stereo with MP3 capability and clock (included on XL; optional on XLT)

AM/FM stereo/single-CD player with MP3 capability, USB port, Ford SYNC®, clock and 2 speakers (Regular Cab); 4 speakers (SuperCab/Crew Cab) (included on XLT)

Back panel trim cover (Regular Cab/Crew Cab only)

Floor covering – Color-coordinated carpet (available on XLT with 40/20/40 split front seats)

Front, floor-mounted mini-console between seats with dual cupholders; open low profile (included with passenger bucket seat)

Hour meter located in overhead pod (pod replaces overhead console if equipped, front map lights relocated mid-cab on SuperCab/Crew Cab; diesel)

Non-self-canceling turn signal switch (tractor use only; n/a on Pro Loader)

Power Equipment Group delete (restrictions apply; XLT only)

SYNC voice-activated, in-vehicle communication and entertainment system (standard on XLT; optional on XL; requires AM/FM stereo/single-CD player with MP3 capability)

Transmission temperature gauge/hour meter located in overhead pod (diesel)

Transmission temperature gauge/hour meter/voltmeter located in overhead pod (diesel)

Transmission temperature gauge located in overhead pod (pod replaces overhead console if equipped; front map lights relocated mid-cab on SuperCab/Crew Cab), Allison Transmission™ only (diesel)

Upfitter switches (4) located in center IP with connector access located in engine compartment; 10 amps per switch (XL gas)

Voltmeter located in overhead pod (pod replaces overhead console if equipped; front map lights relocated mid-cab on SuperCab/Crew Cab; replaces overhead console; diesel)





XLT Trim Package. Steel Gray cloth. Available equipment.

**Standard XL Trim Package**

- High-back Steel Gray HD vinyl 30% width driver's seat with integrated head restraint

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- 2-person Steel Gray HD vinyl 70% width front-passenger seat with fold-down armrest and cupholders

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- 3-person Steel Gray HD vinyl 60/40 split rear bench seat (SuperCab/Crew Cab)

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- AM/FM stereo with MP3 capability, clock and 2 speakers

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- Charcoal Black air registers

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- Door-trim panels with standard armrests

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- Manual air conditioning

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- Mirrors – West Coast-style sideview (diesel)

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- Mirrors – Sail-type sideview with integrated blind spot mirrors (gas)

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- Molded cloth headliner

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- Overhead console with dual sunglasses bins and integral map lights (SuperCab/Crew Cab)

- Right- and left-hand coat hooks

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- Sun visors – Driver and front-passenger cloth with passenger-side mirror

**Optional XLT Trim Package**

- High-back Steel Gray cloth 30% width driver's seat with integrated head restraint

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- 2-person Steel Gray cloth 70% width front-passenger seat with fold-down armrest and cupholders

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- 3-person Steel Gray cloth 60/40 split rear bench seat (SuperCab/Crew Cab)

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- AM/FM stereo/single-CD player with MP3 capability, USB port, clock and 2 speakers (Regular Cab) or 4 speakers (SuperCab/Crew Cab)

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- Chrome-trimmed air registers

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- Ford SYNC® voice-activated, in-vehicle communications and entertainment system

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- Front tow hooks (2)

- Manual air conditioning

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- Mirrors – West Coast-style sideview with 8" diameter convex blind spot mirrors (diesel)

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- Mirrors – Sail-type sideview with integrated blind spot mirrors (gas)

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- Molded cloth headliner

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- Molded door-trim panels with upper and lower map pockets with soft-foamed armrests

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- Overhead console with dual sunglasses bins and integral map lights (all cab styles)

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- Power Equipment Group includes power front windows (Regular Cab/SuperCab), power front and rear windows (Crew Cab), and power door locks (all cab styles)

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- Right- and left-hand coat hooks

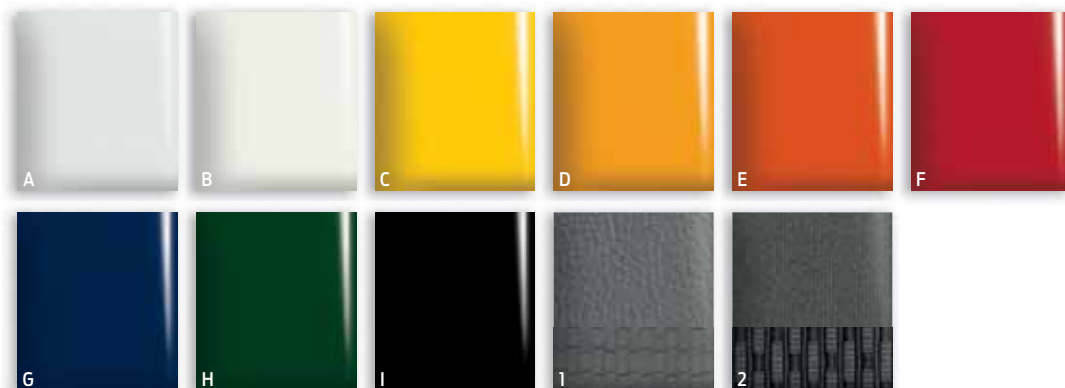
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- Sun visors – Driver and front-passenger cloth with passenger-side mirror

**Exteriors**

**Interiors**

A Oxford White	1	2
B Winter White	1	2
C Bold Yellow	1	2
D School Bus Yellow	1	2
E Tangier Orange	1	2
F Bright Red	1	2
G True Blue	1	2
H Holly Green	1	2
I Black	1	2



1 Steel Gray HD Vinyl – Standard on XL; Optional on XLT  
 2 Steel Gray Cloth – Standard on XLT; Optional on XL



# F-650/F-750 SUPER DUTY Specifications | Seating

Standard Front Seats		Seat Suspension System	Seating Position Availability	XL <sup>1</sup>	XLT <sup>2</sup>
	30% width high-back bucket with integrated head restraint, fore/aft adjustment, reclining, and armrest	Fixed-spring	Driver	●	●
	70% width 2-person, intermediate-back folding, outboard-position integrated head restraint, fold-down armrest with cupholders	Fixed-spring	Center/Passenger	●	●
<b>Optional Front Seats</b>					
	40/20/40 split front, full-width, fore/aft adjustment, reclining, low-back with adjustable head restraints; driver's seat includes manual lumbar; fixed center seat includes fold-down armrest with tray and cupholders	Fixed-spring	Driver/Center/Passenger	○	○
	40% width high-back captain's chair with integrated head restraint, fore/aft adjustment, reclining with armrest and floor-mounted mini-console	Fixed-spring	Driver	○	○
	Air suspension with integral-pump high-back bucket with integrated head restraint; includes armrest and floor-mounted mini-console (Regular Cab deletes coat hooks on XL; Regular Cab and Crew Cab only)	Air suspension with integrated air compressor <sup>3</sup>	Driver	○	○
	Full air-ride high-back bucket with integrated head restraint, dumping/full reclining with armrest and floor-mounted mini-console (Regular Cab and Crew Cab only)	Air-ride <sup>4</sup> /Fixed-spring	Driver or Driver/Passenger	○	○
	Full air-ride high-back buckets with integrated head restraints, dumping/full reclining, and fore/aft isolation armrests and floor-mounted mini-console (Regular Cab and Crew Cab only)	Air-ride/Fixed-spring	Driver/Passenger	○	○
	Air suspension with integral-pump high-back buckets with integrated head restraints, armrests and floor-mounted mini-console (Regular Cab and Crew Cab only)	Air suspension with integrated air compressor <sup>3</sup>	Driver/Passenger	○	○
<b>Standard Rear Seats</b>					
	60/40 split, 3-person rear bench, full-width, fold-up; converts to load floor (SuperCab)	High-density foam	Rear bench	●	●
	60/40 split, 3-person full-size rear bench, full-width with folding back (Crew Cab)	Fixed-spring	Rear bench	●	●

● Standard ○ Optional — Not available

<sup>1</sup>Steel Gray HD vinyl standard; Steel Gray cloth optional. <sup>2</sup>Steel Gray cloth standard; Steel Gray HD vinyl optional.

<sup>3</sup>Available only with Hydraulic Brake System option. <sup>4</sup>Requires air brakes or air compressor option.



# TECHNICAL SPECIFICATIONS

## FRAMES

Model	Frame Order Code											
	533	534	535	536	537	538	539	53F	53A	53J	53L	412/410
F-650 Pro Loader® gas	—	—	—	—	●	—	—	—	—	—	—	—
F-650 Pro Loader diesel	—	—	—	—	●	—	—	—	—	—	—	—
F-650 gas	●	○	○	—	—	—	—	—	—	—	—	—
F-650 diesel	○	●	●	○	—	—	—	—	—	—	—	—
F-750 diesel	—	—	○	○	—	○	○	○	●	○	○	○
Depth (in.)	9.125	10.125	10.250	10.125	9.125	10.250	10.375	10.125	10.250	10.250	10.375	10.813
Width (in.)	3.062	3.062	3.092	3.580	3.062	3.610	3.705	3.580	3.092	3.610	3.705	3.892
Thickness (in.)	0.312	0.312	0.375	0.312	0.312	0.375	0.438	0.312	0.375	0.375	0.438	0.312
Yield (psi)	80,000	50,000	80,000	120,000	80,000	120,000	120,000	120,000	80,000	120,000	120,000	120,000
Maximum section modulus (cu. in.)	11.47	13.31	15.94	14.84	11.47	17.79	21.05	14.84	15.94	17.79	21.05	29.84
Maximum resisting bending moment (in.-lbs.)	917,600	665,500	1,275,200	1,780,800	917,600	2,134,800	2,526,000	1,780,800	1,275,200	2,134,800	2,526,000	3,580,800

● Standard ○ Optional ● Select availability — Not available

## SUSPENSIONS

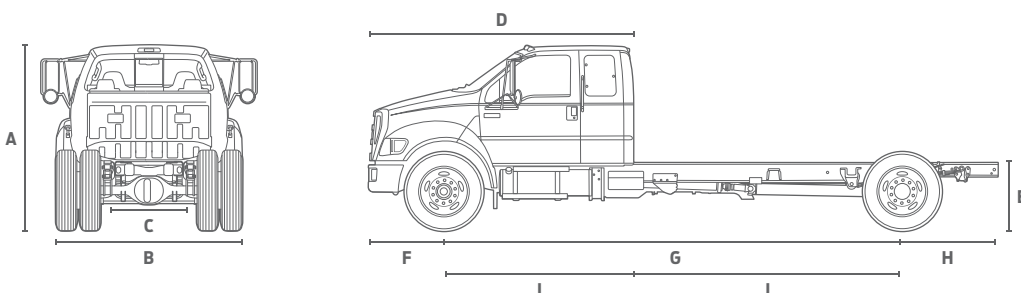
Model	Front Spring Rating (lbs.)					Rear Multi-Leaf Springs Rating (lbs.)						Rear Air Suspension Rating (lbs.)				
	8,500	10,000	12,000	13,200	14,000	15,500	17,500	18,500	20,000	23,500	31,000	12,000	15,500	18,500	20,000	23,000
F-650 Pro Loader gas	●	—	—	—	—	—	●	—	—	—	—	—	—	—	—	—
F-650 Pro Loader diesel	●	—	—	—	—	—	●	—	—	—	—	○	○	○	—	—
F-650 gas	●	○	○	—	—	○	—	●	○	○	—	—	—	—	—	—
F-650 diesel	●	○	—	—	—	○	—	●	○	—	—	—	—	○	○	—
F-750 diesel	—	●	○	○	○	—	—	—	—	●	○	—	—	—	○	○

## AXLES

Model	Front Axle Rating (lbs.)					Rear Axle Rating (lbs.) – Single-Speed						Rear Axle Rating (lbs.) – 2-Speed	
	8,500	10,000	12,000	13,200	14,000	13,500	15,500	17,500	19,000	21,000	23,000	21,000	23,000
F-650 Pro Loader gas	●	—	—	—	—	●	○	○	—	—	—	—	—
F-650 Pro Loader diesel	●	—	—	—	—	●	○	○	—	—	—	—	—
F-650 gas	●	○	—	—	—	—	—	●	○	○	—	—	—
F-650 diesel	●	○	—	—	—	—	—	●	○	—	—	—	—
F-750 diesel	—	●	○	○	○	—	—	—	—	●	○	○	○

## DIMENSIONS

	Regular Cab (in.)	SuperCab (in.)	Crew Cab (in.)
A. Overall height	88.3–94.7	88.6–94.6	89.1–95.1
B. Width at front fenders	96.7	96.7	96.7
C. Frame rail spacing	34.0	34.0	34.0
D. Front bumper to back of cab	113.0	134.0	148.0
E. Load floor height	33.6–40.4	33.6–40.4	33.6–40.4
F. Front bumper to center of front axle	39.0	39.0	39.0
G. Wheelbase	134.0–281.0	155.0–281.0	170.0–266.0
H. Center of rear axle to end of frame	39.0–120.0	39.0–120.0	39.0–87.0
I. Back of cab to center of front axle	74.0	95.0	110.0
J. Back of cab to center of rear axle	60.0–207.0	60.0–186.0	60.0–156.0



2013 F-650/F-750  
SUPER DUTY®  
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# TECHNICAL SPECIFICATIONS

## FUEL TANKS

Model	13" Tank Depth – Shallow (gals.)								16" Tank Depth – Deep (gals.)					
	—	42	—	60	—	—	—	—	—	—	—	—	—	—
F-650 Pro Loader® gas	—	42	—	60	—	—	—	—	—	—	—	—	—	—
F-650 Pro Loader diesel	35	—	45	—	65	45/45	65/45	65/65	—	—	—	—	—	—
F-650 gas	—	42	—	60	—	—	—	—	—	—	—	—	—	—
F-650 diesel	35	—	45	—	65	45/45	65/45	65/65	50	65	80	50/50	65/65	80/65
F-750 diesel	35	—	45	—	65	45/45	65/45	65/65	50	65	80	50/50	65/65	80/65

## WEIGHT RATINGS & WHEELBASE/CAB-TO-AXLE RANGES

Model	GVWR (lbs.)	Cab	Wheelbase/Cab-to-Axle Range (in.)	Options
F-650 Pro Loader gas	20,780 – 26,000	Regular Cab	158/84 – 242/168	5
		SuperCab	179/84 – 239/144	3
		Crew Cab	194/84 – 254/144	3
F-650 Pro Loader diesel	20,500 – 26,000	Regular Cab	134/60 – 242/168	6
		SuperCab	155/60 – 239/144	4
		Crew Cab	170/60 – 254/144	4
F-650 gas	26,000 – 30,000	Regular Cab	158/84 – 260/186	11
		SuperCab	179/84 – 281/186	11
		Crew Cab	194/84 – 278/168	10
F-650 diesel	20,940 – 29,000	Regular Cab	146/72 – 260/186	13
		SuperCab	167/72 – 281/186	13
		Crew Cab	182/72 – 278/168	12
F-750 diesel	25,999 – 37,000	Regular Cab	146/72 – 281/207	15
		SuperCab	167/72 – 281/186	13
		Crew Cab	182/72 – 266/156	11

## WHEEL AVAILABILITY

Wheel (in.)	F-650 Pro Loader		F-650		F-750
	Gas	Diesel	Gas	Diesel	Diesel
19.5 x 6.75 8-lug white powder-coated steel <sup>1</sup>	●	●	○	○	—
19.5 x 7.5 8-lug polished aluminum <sup>2</sup>	○	○	○	○	—
19.5 x 7.5 10-lug white powder-coated steel <sup>1</sup>	—	○	—	○	—
19.5 x 7.5 10-lug polished aluminum <sup>2</sup>	—	○	—	○	—
22.5 x 7.5 10-lug white powder-coated steel <sup>1</sup>	—	—	●	●	●
22.5 x 8.25 10-lug white powder-coated steel <sup>1</sup>	—	—	○	○	○
22.5 x 8.25 10-lug polished aluminum	—	—	○	○	○
Wheel ornamentation –	○	○	○	○	○
Ford bright center cap and lug nut covers	○	○	○	○	○



White Powder-Coated Steel (front)

## TIRE AVAILABILITY

F-650 Pro Loader		F-650		F-750	Tire Size <sup>3</sup>	Load Range (PR)	Steel	Aluminum
Gas	Diesel	Gas	Diesel	Diesel				
○	○	○	○	—	225/70R19.5F	12	○	○
●	●	○	○	—	245/70R19.5G	14	○	○
○	○	○	○	—	245/70R19.5H	16	○	○
—	—	○	○	○	9R22.5F	12	○	—
—	—	●	○	○	10R22.5F	12	○	—
—	—	○	○	○	10R22.5G	14	○	—
—	—	○	○	○	11R22.5G	14	○	○
—	—	○	●	●	11R22.5H	16	○	○
—	—	○	○	○	235/80R22.5G	14	○	—
—	—	○	○	○	255/70R22.5H	16	○	—
—	—	○	○	○	255/80R22.5G	14	○	○
—	—	○	○	○	275/70R22.5J	18	○	○
—	—	○	○	○	275/80R22.5G	14	○	○
—	—	○	○	○	295/75R22.5G	14	○	○
—	—	○	○	○	295/80R22.5H	16	○	○



Polished Aluminum with Optional Wheel Ornamentation (front)

<sup>1</sup>Wheels available with standard powder coating or with rust-inhibiting powder coating. <sup>2</sup>Outer wheel only – inner wheel is steel. <sup>3</sup>Due to industry-wide tire availability shortages, tire substitutions may be required at time of vehicle production.





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