Churning out as many as 800 lb.-ft. of torque, the Cummins® ISB 6.7L Turbo Diesel¹ is available on any truck in the F-650/F-750 lineup. On F-650 Pro Loader® and F-650, our class-exclusive² 6.8L Triton® V10 gas engine¹ is teamed with a TorqShift® 6-speed automatic transmission. For alternative-fuel upfits, you can order a CNG/LPG Gaseous Engine Prep Package¹ on the V10 gas engine as well. For hands-free control of calls and music, voice-activated Ford SYNC®¹ is standard on XLT models. You’ve got 3 cab choices. Available clean CA for efficient and productive upfits. Serious maneuverability. And massive axle capacities. Go further in a 2013 F-650/F-750 Super Duty.®

¹Available feature. ²Class 6-7 Conventional Chassis Cabs.
Vehicles throughout this PDF may be shown with optional and aftermarket upfit equipment.
WORKS HARDER AND SMARTER.

**Powerful choices.**
- New for 2013: Emergency Service Vehicle transmission options designed for extended use in extreme conditions (6.7L Turbo Diesel)
- 10 sets of performance ratings available on the Cummins® ISB 6.7L Turbo Diesel engine: up to 360 horsepower and 800 lb.-ft. of torque
- 2 Diesel Exhaust Fluid (DEF) tank sizes to accommodate clean CA choices
- 35-gal. fuel tank and 5-gal. DEF tank mounted under cab on driver’s side for clean CA
- 50-gal. deep fuel tank and 5-gal. DEF tank
- 362-horsepower 6.8L Triton® V10 gas engine and TorqShift® 6-speed automatic transmission on F-650 Pro Loader/F-750
- CNG/LPG Gaseous Engine Prep Package readies V10 engine for alternative fuels
- Proven axles from Dana Spicer® and Meritor®
- Power, heated trailer tow mirrors

**Big capability.**
- Diesel GVWRs range from 20,500 lbs. up to 37,000 lbs.
- Gas GVWRs range from 20,780 lbs. up to 30,000 lbs.
- Front axle ratings go as high as 14,000 lbs.
- Rear axle ratings climb all the way up to 23,000 lbs.

**Valuable standards.**
- Ford SYNC® voice-activated, in-vehicle communications and entertainment system (XLT)
- 8” blind spot mirrors (XLT diesel)
- Extended-life Organic Acid Technology (OAT) engine coolant
- Synthetic fluid on Allison Transmission™


Rating is restricted to emergency vehicles only. Available feature. SYNC does not include 911 Assist. Vehicle Health Reports, SYNC Services or AppLink.
Alt-fuel-capable gas powertrain on F-650 models.

The proven 6.8L Triton® V10 3-valve gas engine, available on F-650 Pro-Loader® and F-650, is paired with a Built Ford Tough® TorqShift® 6-speed automatic transmission and optional PTO capability. Considering a Compressed Natural Gas (CNG) or Liquefied Petroleum Gas (LPG) upfit? Talk to your Ford Dealer about the CNG/LPG Gaseous Engine Prep Package! Purchasing a Super Duty upfit to run on either of these clean-burning fuels may help you qualify for state incentives related to alternative-fuel use, infrastructure or vehicles. Visit www.afdc.energy.gov/afdc/laws for details.

6.8L Triton V10 3-Valve Gas Engine

<table>
<thead>
<tr>
<th>Horsepower</th>
<th>Torque</th>
</tr>
</thead>
<tbody>
<tr>
<td>362 @ 4,750 rpm</td>
<td>457 lb.-ft @ 3,250 rpm</td>
</tr>
</tbody>
</table>

Transmission

TorqShift 6-Speed Automatic

![Engine speed (rpm) vs. Horsepower and Torque diagram]
Diesel dependability across the lineup.

The venerable Cummins® ISB 6.7L Turbo Diesel1 features full-authority electronic controls, a high-pressure common-rail fuel-injection system, 24-valve design, the patented VGT™ turbocharger, a particulate filter and more. Excellent power-to-weight ratios help it deliver outstanding fuel economy as it delivers every load. Choose from 10 horsepower and torque ratings. Pair it with your choice of 13 durable transmissions, including several new Emergency Service Vehicle options designed specifically for extended use in extreme conditions.

Available Engine Ratings

<table>
<thead>
<tr>
<th>Horsepower</th>
<th>Torque</th>
</tr>
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<tbody>
<tr>
<td>200 @ 2,300 rpm</td>
<td>520 lb.-ft. @ 1,600 rpm</td>
</tr>
<tr>
<td>220 @ 2,300 rpm</td>
<td>520 lb.-ft. @ 1,600 rpm</td>
</tr>
<tr>
<td>240 @ 2,300 rpm</td>
<td>560 lb.-ft. @ 1,600 rpm</td>
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<tr>
<td>250 @ 2,300 rpm</td>
<td>660 lb.-ft. @ 1,600 rpm</td>
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<tr>
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<td>660 lb.-ft. @ 1,600 rpm</td>
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<tr>
<td>260 @ 2,300 rpm²</td>
<td>660 lb.-ft. @ 1,600 rpm²</td>
</tr>
<tr>
<td>280 @ 2,300 rpm</td>
<td>660 lb.-ft. @ 1,600 rpm</td>
</tr>
<tr>
<td>300 @ 2,600 rpm</td>
<td>660 lb.-ft. @ 1,600 rpm</td>
</tr>
<tr>
<td>325 @ 2,300 rpm</td>
<td>750 lb.-ft. @ 1,800 rpm</td>
</tr>
<tr>
<td>340 @ 2,800 rpm²</td>
<td>660 lb.-ft. @ 1,800 rpm²</td>
</tr>
<tr>
<td>360 @ 2,800 rpm²</td>
<td>800 lb.-ft. @ 1,800 rpm²</td>
</tr>
</tbody>
</table>

Available Transmissions

- **Allison Transmission™ — Automatics**
  - 3000 5-Speed: 250/260/280/300/325
  - 3000 6-Speed: 250/260/280/300/325
  - 3200 5-Speed: 250/260/280/300/325/325/360
  - 3200 6-Speed: 250/260/280/300/325/325/360/360
  - 3500 5-Speed: 250/260/280/300/325
  - 3500 6-Speed: 250/260/280/300/325

- **Fuller® — Manuals**
  - FS-5406A 6-Speed: 200/220/240
  - FSO-8406A 6-Speed: 280/300/325

- **Dana Spicer® — Manuals**
  - ES56-7B 7-Speed: 200/220/240
  - ES066-7B 7-Speed: 220/240/250/260/280/300

Cummins ISB 6.7L Turbo Diesel Engine

Find your perfect fit. With ratings ranging from 200 hp and 520 lb.-ft. of torque¹ all the way up to 360 hp² and 800 lb.-ft. of torque² (illustrated below), there’s sure to be a 6.7L Turbo Diesel that’s just right for your needs. Charge things up with the standard 185-amp Leece-Neville alternator, or go for the 220-amp or 320-amp options.

Cummins ISB 6.7L Turbo Diesel engine.

¹Available feature.²Rating is restricted to emergency vehicles only. See your Ford Dealer for details. Engine appearance differs when installed in vehicle.
MAKES UPFITTING EASY.

We want your new Ford F-650/F-750 Super Duty to fulfill your unique needs and surpass your expectations. So we strive to make your upfitting experience as easy as possible. Our frame-rail spacing remains the industry standard at 34". We offer a range of axles from trusted names including Meritor® and Dana Spicer®. Our various emissions/exhaust setups and Diesel Exhaust Fluid (DEF) tank solutions help facilitate a wide variety of upfits. You can choose from over 30 clean CA offerings that range from 60" to 186". Variety. It’s what makes our Built Ford Tough® trucks some of the most versatile upfit vehicles on the road today.

Dana Spicer S140 rear axles, standard on F-650 straight-frame models, utilize GenTech™ gear sets for quiet operation and synthetic lube for long-lasting durability.

Battery box location options vary in combination with exhaust and fuel tank packaging. Choose from 2- or 3-battery setups on diesels with dual 750 CCA, triple 750 CCA, dual 950 CCA or triple 950 CCA. Or go with a temporary battery box for final placement that works best with your diesel upfit.

Protective air tank positioning also results in cleaner CAs. The tanks for the available air brake system are packaged adjacent to the frame rails and under the cab on every cab style of diesel models.

34 fuel tank setups are available on diesel models. Deep tanks can help you go the distance. Shallow tanks provide up to 19" of ground clearance.

PowerScope® trailer tow mirrors adjust, fold and telescope at the touch of a switch. This class-exclusive option includes integrated clearance lamps and turn signals, plus heated glass with manually adjustable integrated blind spot mirrors.

Horizontal exhaust system (shown above) exits the tailpipe in front of the rear axle, or over the top of it depending on your choice of wheelbase.

Under-cab horizontal switchback exhaust system is another option we offer to help make your upfits easy and cost-effective.

Under-cab vertical switchback exhaust system is a compact option with pipe routing similar to "big rigs," exiting at the top of the cab on the passenger side.

Regular Cab/SuperCab Diesels can get a 10-gal. DEF tank option (shown above) mounted outside the frame rails, behind the cab on the passenger side.

Crew Cab Diesels can get a 10-gal. DEF tank option mounted under the cab on the passenger side.

Regular Cab Diesels can get a 35-gal. fuel tank and 5-gal. DEF tank option mounted under the cab on the driver’s side for a clean CA.
KEEPES YOU CONNECTED.

SYNC. Say the word. No more searching for your phone. No device on your ear. Once paired, voice-activated Ford SYNC® recognizes your phone and downloads your contacts to support voice calling. It also plays music from your phone, MP3, USB or iPod.® Just touch a button on the steering wheel and say things like “Call: Todd,” or “Play playlist: Country,” SYNC is standard on all XLT models. Personalize your experience at ford.com/sync.

Overhead gauge pod places your optional gauges and auxiliary switches front and center. Possibilities include an hour meter gauge, voltmeter gauge, differential lock switch, air-suspension dump switch, transmission temperature gauge, exhaust brake switch and 2-speed axle switch.

40/20/40 split front seat option includes a fold-down armrest with built-in cupholders.

Available feature. Driving while distracted can result in loss of vehicle control. Only use mobile phones and other devices, even with voice commands, when it is safe to do so. Not all features are compatible with all phones. SYNC does not include 911 Assist® Vehicle Health Reports, SYNC Services or AppLink.
**F-650 Pro Loader®**

**Maximum Capabilities**
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-08-1538B 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

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**F-650**

**Maximum Capabilities**
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-08-1538B I-Beam (standard)
- Rear axle: 17,500 lbs, Dana Spicer S17-40 single-speed (standard)
- Driveline: 4x2 dual rear wheel only
- Bodies: Regular Cab, SuperCab, Crew Cab
- Trim Series: XL, XLT

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**F-750**

**Maximum Capabilities**
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

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**Mechanical**
- 10-gal. DEF tank (diesel)
- 12-volt Delco Remy 3B 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 cap step
- BorgWarner fan clutch (diesel)
- Bosch DDSA-type parking brake, 12” x 3” rear axle-mounted
- Brakes – MeritorQuadsplit™ 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)
- STEMC® wheel seats (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
- Visous fan clutch (gas)

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**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 gauges, 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
- Upholder switches (4) located in center IP with connector access located in engine compartment; 10 amps per switch (XL/XLT diesel, XLT gas)

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**Cab Equipment – Exterior**
- Assist handle on exterior B pillars (Regular Cab)
- Assist handle on exterior rear doors (Super Cab)
- 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

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**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)
- Safety belts – Color-keyed with front-seat adjustable D-rings (Super Cab/Crew Cab)

---

1When properly equipped. 2Always wear your safety belt.
F-650/F-750 SUPER DUTY 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-glass 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)

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 driveshift (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)

Switchback single, horizontal, diesel particulate filter assembly; frame-mounted right side under cab; includes single horizontal SCR assembly; frame-mounted right side of cab; includes horizontal tailpipe; exits in front of rear wheels on right side (over-22" wheelbase; diesel)

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

Switchback single, horizontal, diesel particulate filter assembly; frame-mounted right side under cab; includes single horizontal SCR assembly; frame-mounted right side of 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 1900 CCA; diesel)
Batteries – 750 CCA, 12-volt (3 for a total of 2250 CCA; diesel)
Batteries – 950 CCA, 12-volt (3 for a total of 2850 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-deciibel alarm backup
Fender-mounted, front- and rear-facing turn signal lamps
Remote-mounted jump-start stud
Truck-Lite® Super 44 stop/tail/tight and Truck-Lite Super 40 backup lamps (includes separate rear reflectors; does not include power module or rubber mount)
Tail lamp delete (does not omit cable to end of frame)

Cab Equipment – Exterior
Front bolt-on-type frame extension, 20" without crossmember (requires fixed grille, sweep-back front bumper or front bumper delete; n/a on Pro Loaders)
Front bumper – Full-width, painted-steel, Dark Shadow Gray color (n/a on XL T)
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 – 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 XL T)
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 XL T)

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 XL T)
Mirrors – Dual rectangular, manually adjustable with integrated blind spot mirrors, sail-type, 90°-wide spacing (standard on gas; optional on diesel)
Mirrors – Dual rectangular, manually adjustable with integrated blind spot mirrors, sail-type, 122°-wide spacing (diesel)
Mirrors – Dual stainless steel with heated and lighted heads, rectangular, 7.5" x 16.5", West Coast-style, 102°-wide spacing (diesel)
Mirrors – Trailer tow, manually telescoping with manual glass and manual 2-way fold (sail mount)

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

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 (VG™) activation switch is in overhead pod; diesel

Steel – Shallow (13" depth)
Fuel Tanks

Cummins is a registered trademark of Cummins Inc. Spicer is a registered trademark of Dana Limited. Meritor is a registered trademark of Meritor Technology, Inc. Allison Transmission is a trademark of Allison Transmission, Inc. VG™ is a trademark of Cummins Inc. Fuller is a registered trademark of Eaton Corporation. Microsoft is a registered trademark of Microsoft Corporation. iPod is a registered trademark of Apple Inc. Donaldson is a registered trademark of Donaldson Company, Inc. Fleetguard is a registered trademark of Fleetguard, Inc. Quadraulic is a trademark of Meritor Technology, Inc. STEMCO is a registered trademark of STEMCO LP. EmGard is a registered trademark of Cognis IP Management GmbH. Bendix is a registered trademark of Honeywell International Inc. Truck-Lite is a registered trademark of and proprietary to Truck-Lite Co., LLC.
### Standard XL Trim Package

- High-back Steel Gray HD vinyl 30% width driver’s seat with integrated head restraint
- 2-person Steel Gray HD vinyl 70% width front-passenger seat with fold-down armrest and cupholders
- 3-person Steel Gray HD vinyl 60/40 split rear bench seat (SuperCab/Crew Cab)
- AM/FM stereo with MP3 capability, clock and 2 speakers
- Charcoal Black air registers
- Door-trim panels with standard armrests
- Manual air conditioning
- Mirrors – West Coast-style sideview (diesel)
- Mirrors – Sail-type sideview with integrated blind spot mirrors (gas)
- Molded cloth headliner
- Overhead console with dual sunglasses bins and integral map lights (SuperCab/Crew Cab)

### Optional XLT Trim Package

- High-back Steel Gray cloth 30% width driver’s seat with integrated head restraint
- 2-person Steel Gray cloth 70% width front-passenger seat with fold-down armrest and cupholders
- 3-person Steel Gray cloth 60/40 split rear bench seat (SuperCab/Crew Cab)
- AM/FM stereo/single-CD player with MP3 capability, USB port, clock and 2 speakers (Regular Cab) or 4 speakers (SuperCab/Crew Cab)
- Chrome-trimmed air registers
- Ford SYNC® voice-activated, in-vehicle communications and entertainment system
- Front tow hooks (2)

### Colors

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

- **Interiors**
  - 1. Steel Gray HD Vinyl – Standard on XL; Optional on XLT
  - 2. Steel Gray Cloth – Standard on XLT; Optional on XL

### Other Features

- Right- and left-hand coat hooks
- Sun visors – Driver and front-passenger cloth with passenger-side mirror
- Manual air conditioning
- Mirrors – West Coast-style sideview with 8” diameter convex blind spot mirrors (diesel)
- Mirrors – Sail-type sideview with integrated blind spot mirrors (gas)
- Molded cloth headliner
- Molded door-trim panels with upper and lower map pockets with soft-foamed armrests
- Overhead console with dual sunglasses bins and integral map lights (all cab styles)
- Power Equipment Group includes power front windows (Regular Cab/SuperCab), power front and rear windows (Crew Cab), and power door locks (all cab styles)
- Right- and left-hand coat hooks
- Sun visors – Driver and front-passenger cloth with passenger-side mirror

Colors are representative only. See your dealer for actual paint/trim options.
## F-650/F-750 SUPER DUTY Seating

### Standard Front Seats
- **30% width high-back bucket with integrated head restraint, fore/aft adjustment, reclining, and armrest**
  - Seat Suspension System: Fixed-spring
  - Seating Position Availability: Driver

### Optional Front Seats
- **70% width 2-person, intermediate-back folding, outboard-position integrated head restraint, fold-down armrest with cupholders**
  - Seat Suspension System: Fixed-spring
  - Seating Position Availability: Center/Passenger

### Standard Rear Seats
- **60/40 split, 3-person bench, full-width, fold-up; converts to load floor (SuperCab)**
  - Seat Suspension System: High-density foam
  - Seating Position Availability: Rear bench

- **60/40 split, 3-person full-size rear bench, full-width with folding back (Crew Cab)**
  - Seat Suspension System: Fixed-spring
  - Seating Position Availability: Rear bench

### 1Steel Gray HD vinyl standard; Steel Gray cloth optional.
### 2Steel Gray cloth standard; Steel Gray HD vinyl optional.
### 3Available only with Hydraulic Brake System option.
### 4Requires air brakes or air compressor option.

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*Standard  ○ Optional  — Not available*
## TECHNICAL SPECIFICATIONS

### FRAMES

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<thead>
<tr>
<th>Model</th>
<th>Frame Order Code</th>
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<tbody>
<tr>
<td></td>
<td>533 534 535 536</td>
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<tr>
<td>F-650 gas</td>
<td>0.312</td>
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<tr>
<td>F-650 diesel</td>
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</tbody>
</table>

- **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

### SUSPENSIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Front Spring Rating (lbs.)</th>
<th>Rear Multi-Leaf Springs Rating (lbs.)</th>
<th>Rear Air Suspension Rating (lbs.)</th>
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<td>F-650 gas</td>
<td>0.312 — — —</td>
<td>3.092 3.580 3.062 3.062 3.062 3.062 3.062</td>
<td></td>
</tr>
<tr>
<td>F-650 diesel</td>
<td>0.312 — — —</td>
<td>3.092 3.580 3.062 3.062 3.062 3.062 3.062</td>
<td></td>
</tr>
</tbody>
</table>

### AXLES

<table>
<thead>
<tr>
<th>Model</th>
<th>Front Axle Rating (lbs.)</th>
<th>Rear Axle Rating (lbs.) – Single-Speed</th>
<th>Rear Axle Rating (lbs.) – 2-Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8,500 10,000 12,000 13,200</td>
<td>14,000 15,500 17,500 19,000 21,000 23,000</td>
<td></td>
</tr>
<tr>
<td>F-650 Pro Loader® gas</td>
<td>— — — — —</td>
<td>10.250 12,000 14,000 15,500 17,500 19,000 21,000 23,000</td>
<td></td>
</tr>
<tr>
<td>F-650 gas</td>
<td>0.312 — — —</td>
<td>3.092 3.580 3.062 3.062 3.062 3.062 3.062</td>
<td></td>
</tr>
<tr>
<td>F-650 diesel</td>
<td>0.312 — — —</td>
<td>3.092 3.580 3.062 3.062 3.062 3.062 3.062</td>
<td></td>
</tr>
</tbody>
</table>

### DIMENSIONS

<table>
<thead>
<tr>
<th></th>
<th>Regular Cab (in.)</th>
<th>SuperCab (in.)</th>
<th>Crew Cab (in.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Overall height</td>
<td>88.3 – 94.7</td>
<td>88.6 – 94.6</td>
<td>89.1 – 95.1</td>
</tr>
<tr>
<td>B. Width at front fenders</td>
<td>96.7</td>
<td>96.7</td>
<td>96.7</td>
</tr>
<tr>
<td>C. Frame rail spacing</td>
<td>34.0</td>
<td>34.0</td>
<td>34.0</td>
</tr>
<tr>
<td>D. Front bumper to back of cab</td>
<td>113.0</td>
<td>134.0 148.0</td>
<td>134.0 148.0</td>
</tr>
<tr>
<td>E. Load floor height</td>
<td>33.6 – 40.4</td>
<td>33.6 – 40.4</td>
<td>33.6 – 40.4</td>
</tr>
<tr>
<td>F. Front bumper to center of front axle</td>
<td>39.0</td>
<td>39.0 39.0</td>
<td>39.0 39.0</td>
</tr>
<tr>
<td>G. Wheelbase</td>
<td>134.0 – 281.0</td>
<td>155.0 – 281.0</td>
<td>170.0 – 266.0</td>
</tr>
<tr>
<td>H. Center of rear axle to end of frame</td>
<td>39.0 – 120.0</td>
<td>39.0 – 120.0</td>
<td>39.0 – 87.0</td>
</tr>
<tr>
<td>I. Back of cab to center of front axle</td>
<td>76.0</td>
<td>76.0</td>
<td>76.0</td>
</tr>
<tr>
<td>J. Back of cab to center of rear axle</td>
<td>60.0 – 207.0</td>
<td>60.0 – 186.0</td>
<td>60.0 – 156.0</td>
</tr>
</tbody>
</table>
## Technical Specifications

### Fuel Tanks

<table>
<thead>
<tr>
<th>Model</th>
<th>13&quot; Tank Depth – Shallow (gals.)</th>
<th>16&quot; Tank Depth – Deep (gals.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>F-650 Pro Loader® gas</td>
<td>35 – 45 – 60</td>
<td>45/45 65/65</td>
</tr>
<tr>
<td>F-650 Pro Loader® diesel</td>
<td>45/45 65/65</td>
<td>50 65/65 80/65</td>
</tr>
<tr>
<td>F-650 gas</td>
<td>45/45 65/65</td>
<td>50 65/65 80/65</td>
</tr>
<tr>
<td>F-650 diesel</td>
<td>45/45 65/65</td>
<td>50 65/65 80/65</td>
</tr>
<tr>
<td>F-750 diesel</td>
<td>45/45 65/65</td>
<td>50 65/65 80/65</td>
</tr>
</tbody>
</table>

### Weight Ratings & Wheelbase/Cab-to-Axle Ranges

<table>
<thead>
<tr>
<th>Model</th>
<th>GVWR (lbs.)</th>
<th>Cab</th>
<th>Wheelbase/Cab-to-Axle Range (in.)</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>F-650 Pro Loader® gas</td>
<td>20,780 – 26,000</td>
<td>Regular Cab, SuperCab, Crew Cab</td>
<td>158/64 – 242/168, 179/64 – 239/144, 194/64 – 254/144</td>
<td>5, 3, 3</td>
</tr>
<tr>
<td>F-650 Pro Loader® diesel</td>
<td>20,500 – 26,000</td>
<td>Regular Cab, SuperCab, Crew Cab</td>
<td>134/60 – 242/168, 155/60 – 239/144, 170/60 – 254/144</td>
<td>6, 4, 4</td>
</tr>
<tr>
<td>F-650 gas</td>
<td>26,000 – 30,000</td>
<td>Regular Cab, SuperCab, Crew Cab</td>
<td>158/64 – 260/186, 179/64 – 281/186, 194/64 – 278/186</td>
<td>11, 11, 10</td>
</tr>
<tr>
<td>F-750 diesel</td>
<td>25,999 – 37,000</td>
<td>Regular Cab, SuperCab, Crew Cab</td>
<td>146/72 – 281/207, 167/72 – 281/186, 182/72 – 266/156</td>
<td>15, 13, 11</td>
</tr>
</tbody>
</table>

### Wheel Availability

<table>
<thead>
<tr>
<th>Wheel (in.)</th>
<th>F-650 Pro Loader® Gas</th>
<th>F-650 Pro Loader® Diesel</th>
<th>F-650 Gas</th>
<th>F-650 Diesel</th>
<th>F-750 Gas</th>
<th>F-750 Diesel</th>
</tr>
</thead>
<tbody>
<tr>
<td>19.5 x 6.75 8-lug white powder-coated steel</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
</tr>
<tr>
<td>19.5 x 7.5 8-lug polished aluminum</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
</tr>
<tr>
<td>19.5 x 7.5 10-lug white powder-coated steel</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
</tr>
<tr>
<td>19.5 x 7.5 10-lug polished aluminum</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
</tr>
<tr>
<td>22.5 x 7.5 10-lug white powder-coated steel</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
</tr>
<tr>
<td>22.5 x 8.25 10-lug white powder-coated steel</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
</tr>
<tr>
<td>22.5 x 8.25 10-lug polished aluminum</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
</tr>
</tbody>
</table>

### Tire Availability

<table>
<thead>
<tr>
<th>F-650 Pro Loader® Gas</th>
<th>F-650 Gas</th>
<th>F-750 Diesel</th>
</tr>
</thead>
<tbody>
<tr>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
</tr>
<tr>
<td>⬤</td>
<td>⬤</td>
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<tr>
<td>⬤</td>
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<td>⬤</td>
</tr>
<tr>
<td>⬤</td>
<td>⬤</td>
<td>⬤</td>
</tr>
</tbody>
</table>

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