§F-650/F-750 SUPER DUTY §



PRO LOADER® | STRAIGHT FRAME | TRACTOR

Accessible F-650/F-750 Super Duty Brochure PDF





F-650/F-750 SUPER DUTY FAMILY

PL PROLOADER D G

F-650 – Kick-up frame offers a lower step-in height than our Straight Frame models, making it ideal for parcel delivery trucks, rescue vehicles and other frequently accessed upfit bodies. Ford is the only medium-duty truck manufacturer that lets you choose: diesel or gasoline power.

SF STRAIGHT FRAME D G

F-650 and F-750 – 7 Straight Frame options. F-750 offers one of the strongest frame selections in the segment, with resisting bending moment (RBM) values up to 3,580,800 in.-lbs. Choice of diesel or gasoline power.

TRACTOR D

F-650 and F-750 – Heat-treated alloy steel frames. Standard air brakes with traction control and electronic stability control to help drivers in the moving and storage, regional hauling, and beverage delivery industries. Best-in-class² standard diesel horsepower and torque.

D 6.7L POWER STROKE® V8 TURBO DIESEL

G 6.8L TRITON® V10 3-VALVE GASOLINE

DESIGNED
ENGINEERED
MANUFACTURED
ASSEMBLED
WARRANTED
SERVICED
ALL BY FORD



POWERED BY FORD

ASSEMBLED IN AMERICA¹

TESTED TOUGH: THOUSANDS OF MILES SIMULATING THE WORST CONDITIONS





POWER UP

Both engines and the TorqShift® HD 6-speed automatic transmission are Ford designed and built to offer seamless performance with all chassis components and vehicle calibrations. And when you work as hard as these trucks do, that's critically important. Ford is also the only Class 6-7 truck manufacturer to build its own diesel and gas powertrains.





.7L POWER STROKE® V8 TURBO DIESEL

75 LB.-FT.

AVAILABLE

TORQUE

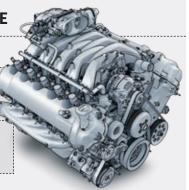
HORSEPOWER

• 700 lb.-ft. @ 1,800 rpm • 725 lb.-ft. @ 1,800 rpm

• 300 @ 2,500 rpm • 330 @ 2,600 rpm This potent B20-capable engine delivers best-in-class standard diesel horsepower and torque. It also offers 3 sets of ratings so you can match engine power to your needs. Excellent throttle response is delivered in part by a high-pressure, common rail fuel injection system. Robust high-altitude performance comes courtesy of the high airflow supplied by the variable-geometry turbocharger. Compacted graphite iron (CGI) imparts strength and durability to the deepskirt engine block, while the aluminum cylinder heads feature a 6-head-bolt-per-cylinder design for secure sealing. Active Regeneration Control¹ lets you initiate regenerative cleaning of trapped soot in the diesel particulate filter at the time and location you choose.

6.8L TRITON® V10 3-VALVE GASOLINE





Our class-exclusive V10 gasoline engine features a single overhead camshaft design that provides an advanced level of valve control, and a coil-on-plug ignition system designed for high-mileage durability. It's also built to meet greenhouse gas (GHG) emissions standards for medium-duty vehicles and heavy-duty engines. It can be equipped to run on compressed natural gas (CNG) or propane autogas, and in-factory frame-rail drilling is now available on F-650 and F-750 Straight Frame trucks to support special fuel tanks featured in aftermarket conversions. A high-output alternator (240-amp) is designed to ensure you have enough power for work applications with high electrical demands.





additional braking and control on downhill grades when used in combination with the engine brake feature on the diesel engine.

LOW-SPEED LOCKUP CAPABILITY



TORQSHIFT HD 6-SPEED AUTOMATIC TRANSMISSION

This beast is our proven standard – paired to both the 6.7L Power Stroke® V8 Turbo Diesel and the 6.8L Triton® V10 gasoline engine. Smooth, efficient performance comes courtesy of a multi-segment friction clutch design, which reduces power loss while maximizing oil flow and transmission productivity. The 3-plate, 2-stage torque converter is designed to handle the substantial horsepower and torque forces it will encounter in medium-duty truck work.

The torque converter's low-speed lockup capability (down to 900 rpm) helps both engines work efficiently at low rpm. Sinter-brazed pinion carriers help the transmission manage the extreme low-end torque of the diesel engine, as well as the high shift speeds of the gasoline engine. Robust gearsets are fortified by extra pinion gears for our medium-duty application, and a high-efficiency fluid filter gives this dependable workhorse a fluid change interval of 150,000 miles.



LIVE-DRIVE POWER TAKEOFF (PTO) PROVISION

Directly linked to the engine crankshaft, our available PTO provision can power PTO-driven accessories like dump bodies, sprayer pumps, generators, salt spreaders and snow plows, whether the truck is moving or not. Mobile mode is designed to operate in all gears and at all vehicle speeds, enabling the PTO provision to offer a gasoline torque rating of up to 125 lb.-ft., and a diesel torque rating of up to 200 lb.-ft. Stationary Elevated Idle Control (SEIC) mode increases the PTO provision's gasoline torque rating up to 250 lb.-ft., and its diesel torque rating up to 300 lb.-ft. On the diesel, you also get split-shaft capability to power 2 different auxiliary devices.



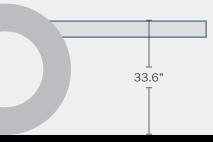


PRO LOADER

Thanks to the relatively low ground-totop-of-frame height on its kick-up frame, F-650 Pro Loader® is well-suited to ambulance and emergency service applications that require a low and flat loadfloor with no interior encroachment. Diesel trucks equipped with the optional air brakes with traction control can also opt for electronic stability control.1 Serviceable and nonserviceable sections of the rugged 9" frame are joined with Huckbolt® fasteners for durability. Pro Loader is available in Regular Cab, SuperCab and Crew Cab. Crew Cabs feature 76° rear-door openings to help make quick work of loading bulky gear or extra passengers.

GVWRs: 20,500 - 26,000 lbs.² GCWRs: 37,000 - 50,000 lbs.² Rear axle ratings up to 17,500 lbs.²

GROUND-TO-TOP-OF-FRAME HEIGHT



• LAMINATED, SOLAR-TINT WINDSHIELD GLASS

 AERO-TYPE HEADLAMPS WITH SIDE MARKER LAMPS AND FRONT REFLECTORS O AMBULANCE PREP PACKAGE



• STANDARD O AVAILABLE



STRAIGHT FRAME

The nominal 9" and 10" rails on F-650 and F-750 Straight Frame trucks offer loading-dock-level heights for ease of use at warehouses and receiving locations – and high capability ratings ideal for heavy construction, utility work, wrecker duty and beyond. Straight Frame trucks are available in Regular Cab, SuperCab and Crew Cab, all with a low-profile cabin for plenty of versatility when lower clearance or center of gravity is needed. Plus, electronic stability control¹ is now available when you opt for the air brakes with traction control on Straight Frame trucks.

GVWRs: 26,000 – 37,000 lbs.² GCWRs: 37,000 – 50,000 lbs.² Rear axle ratings up to 26,000 lbs.²

GROUND-TO-TOP-OF-FRAME HEIGHT

38.4"



AMBER ROOF MARKER/CLEARANCE LAMPS

○ 3" FRONT BUMPER EXTENSION LOWERS CHANCE OF HOOD-TO-BUMPER CONTACT

O BEVERAGE DELIVERY PACKAGE

• STANDARD O AVAILABLE





For vocational applications like beverage delivery and moving and storage, Built Ford Tough® F-650 and F-750 tractors are ready to haul your toughest loads. The standard 6.7L Power Stroke® V8 Turbo Diesel pulls its own weight – and a whole lot more – with a torque rating up to 725 lb.-ft.¹ A rear air suspension¹ helps smooth out the roughest roads. With in-factory 5th-wheel frame-rail drilling,¹ your tractor is ready to support plates and other mounting equipment for Fontaine fixed 5th wheels. And standard air brakes help you bring it all to a controlled, confident halt. Tractors are available in your choice of Regular Cab, SuperCab and Crew Cab.

GVWRs: 27,500 - 37,000 lbs.²

GCWR: 50,000 lbs.

Rear axle ratings up to 26,000 lbs.2

A SOLID FOUNDATION of a high-strength,

heat-treated alloy steel frame, long front leaf

springs, double-acting front shock absorbers,

tractors deliver a smooth, comfortable ride

while maintaining capability.

and a front stabilizer bar1 help F-650 and F-750

BEST-IN-CLASS standard diesel horsepower (270) and torque (675 lb.-ft.) are delivered by the 6.7L Turbo Diesel engine. Additional engine outputs of 300 hp and 700 lb.-ft. of torque, and 330 hp and 725 lb.-ft. of torque, are also available.

enhance your visibility around the trailer with a choice of 96"- or available 102"-wide sideview mirrors to handle different types of trailers. A heat feature in select mirrors can warm the mirror surface to help keep it clear in snowy and icy conditions.

TO HELP YOU MAINTAIN CONTROL, the standard brake system on F-650 and

F-750 tractors includes electronic stability control³ and traction control. Lateral, longitudinal and yaw accelerometers, a steering wheel-angle sensor, and wheel-speed sensors help the system recognize understeer, oversteer, excessive roll, and jackknifing events, as well as loss of traction due to slippery road conditions — so it can assist in limiting these occurrences.

AIR BRAKE SYSTEM

ENGINE EXHAUST BRAKE

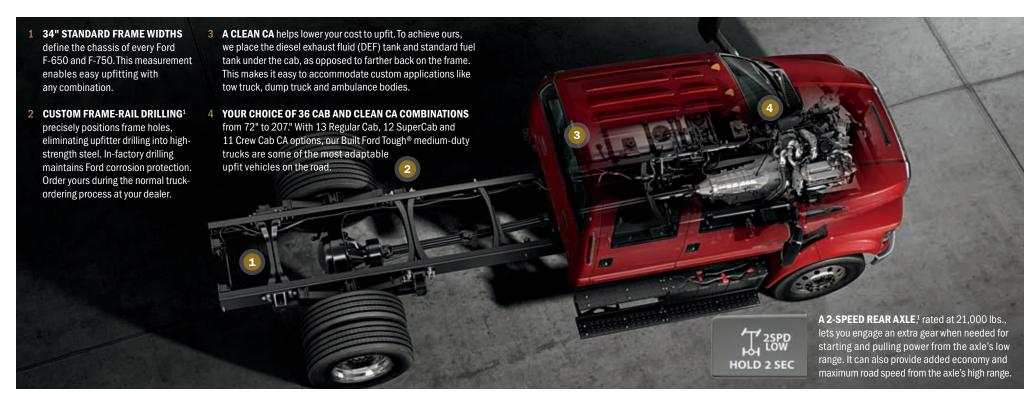
 12' COILED AIR/ELECTRIC LINES WITH POGO STICK • REAR AIR SUSPENSION

ONEW FRONT FENDER-MOUNTED MIRRORS

 CLASS-EXCLUSIVE POWER-TELESCOPING AND -FOLDING, HEATED TRAILER TOW MIRRORS

• STANDARD O AVAILABLE





FORWARD THINKING - ALL AROUND

The low cab height on all of our trucks makes for easy overthe-cab upfits. New Front Fender-Mounted Mirrors¹ offer the driver additional visibility along the right side or both sides of the truck for confident maneuvering. There's also a new Air Dryer Alternate Mount¹ option that can be used to move the air dryer outside of the frame rail for easier access, while opening space between the rails for bulky PTO accessory installations. We begin with the end in mind – ease of upfitting – whatever your line of work.



- A DIESEL ENGINE FUEL TANK CHOICES begin with the standard 8-gal. DEF tank and the aluminum fuel tank (50-gal. Regular Cab; 65-gal. SuperCab/Crew Cab) mounted under the driver's side of the cab for a clean CA. Extend your diesel range with 115-gal. dual rectangular aluminum fuel tanks¹ (65-gal. on left/50-gal. on right).
- B MOTORCRAFT® BATTERIES run from 750 to 900 cold-cranking amps (CCA) depending on engine choice and model variations with up to 2,700 total-vehicle CCA possible. Under-cab battery box placement (adjacent to the exhaust) contributes to a clean CA.
- C EXHAUST SYSTEMS vary from standard horizontal mufflers to under-cab vertical switchback style.
- D A BODY-BUILDER WIRING HARNESS¹ reduces the amount of wiring for upfitters to route.
- E A 750-WATT ENGINE BLOCK HEATER¹ helps produce proper engine startup lubrication if used when temperatures drop below 10° F.
- F A WIDE RANGE OF AXLE CAPACITIES gives you plenty of options to fit your particular type of work. F-650/F-750 front axle ratings range from 8,500 to 14,000¹ lbs. Rear axle ratings vary from 13,500 to 26,000¹ lbs.













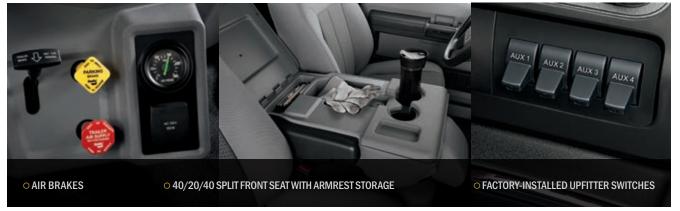




PURPOSE-BUILT FOR YOUR CREW

Thanks to an outstanding driving position and standard tilt steering column, you'll feel at ease behind the wheel of F-650 and F-750 medium-duty trucks. Since our engines don't intrude into the cabin, we're able to provide a natural driver's position. And with air-ride seats, both driver and front passenger can find their optimal fit using the adjustable lumbar support and seat cushion position (front tilt and length), in addition to the air-activated suspension system.

A touch of a button and the sound of your voice is all it takes to make and take calls with our SYNC® voice-activated technology. It can also play music from your phone, MP3 player or USB device according to your voice commands. Plus, you'll find 12V powerpoints, a 110V/150W AC power outlet $^{1.3}$ and a USB port 1 for recharging your tools and other devices. All in a comfortable cabin that's surprisingly quiet.



FLEXIBLE NEW OPTIONS FOR MANAGING YOUR FLEET

A new telematics modem, engineered and integrated by Ford, gives fleet managers the power to choose which telematics service provider or solution is the best fit for their business. The optional device supports access to telematics services including, but not limited to, vehicle location, speed, idle time, fuel level, vehicle diagnostics and maintenance alerts. Available Fall 2018. Please visit commercialsolutions.ford.com or call (833) 811-FORD for more information.

• STANDARD O AVAILABLE

CRUISE CONTROL WITH STEERING WHEEL-MOUNTED CONTROLS

O INTERIOR APPEARANCE AND POWER EQUIPMENT PACKAGES

BLACK VINYL FLOORING



STANDARD FEATURES

MECHANICAL

GAS ENGINE MODELS

6.8L Triton® V10 3-valve gasoline engine (n/a on Tractor)

12V Denso® starting motor

Air cleaner with heavy-duty filter

Alternator – 175-amp, extra-heavy-duty, 12V, Mitsubishi,® brushless, pad-mounted

Battery - 900-amp (CCA), 12V, Motorcraft®

Exhaust – Single, horizontal, catalytic converter, frame-mounted right side back of cab; downward-facing outlet tip

DIESEL ENGINE MODELS

6.7L Power Stroke® V8 Turbo Diesel engine (3 hp/torque rating options: 270/675 [99C], 300/700 [99E], and 330/725 [99X])

12V Comstar® starting motor

8-gal. DEF tank

Alternator - 200-amp, extra-heavy-duty, 12V, Denso, brushless, pad-mounted

Batteries - 750-amp (CCA), 12V, Motorcraft (2/total of 1,500 CCA)

BorgWarner viscous fan clutch

Donaldson® single-element air cleaner with restriction indicator

Engine exhaust brake

Exhaust – Single, switchback-style, horizontal; frame-mounted right side under cab with outside-of-frame-rail rear exit

Fuel/water separator

GAS AND DIESEL ENGINE MODELS

Ford TorqShift® HD 6-speed automatic transmission (without PTO provision)

Battery box - Right-hand frame-mounted under cab step

Brakes – Air brake system with 4-wheel, 4-channel Anti-Lock Brake System (ABS), traction control, and hand control valve for trailer brake (Tractor)

Brakes – Bosch® Hydro-Max® hydraulic brake system with 4-wheel, 4-channel Anti-Lock Brake System (ABS) (n/a on Tractor)

Driveshaft - Dana base

Engine coolant with red, extended-life Organic Acid Technology (OAT), and -40°F freeze-protection rating

Frame-mounted body-builder wiring at back of cab (n/a on Tractor)

Front parabolic-taper leaf springs with double-acting shock absorbers

Gearshift interlock key1

Radiator - Aluminum with in-tank transmission cooler

Rear suspension with multi-leaf rear springs

SAE blade-type fuses

Wheel seals (front and rear axle), oil-lubricated wheel bearings (front and rear)

FUEL TANKS

GAS

50-gal. single rectangular steel (Regular Cab and SuperCab)

60-gal. single rectangular steel (Crew Cab)

DIESEL

50-gal. single rectangular aluminum (Regular Cab)

65-gal. single rectangular aluminum (SuperCab and Crew Cab)

INTERIOR CAB EQUIPMENT

AM/FM stereo with auxiliary audio input jack, clock and 2 speakers

12V powerpoints (2)

Air registers with positive shut-off

Assist handles - A-pillars on all cabs, and B-pillars on Crew Cab

Cruise control with steering wheel-mounted controls

Door-sill scuff plates - Black molded-in-color

Flooring - Black vinyl

Gauge cluster with electronic speedometer (mph/kph), oil pressure, coolant temperature, DEF gauge (diesel only), fuel gauge, tachometer, indicator lights, enhanced 3-button message center with odometer, engine-hour meter, trip odometer, distance to empty for fuel, average fuel economy and warning messages

Glove box at right-hand instrument panel

Left-/right-hand front-window demisters

Manual-tilt steering column

Molded cloth headliner

Multifunction, non-canceling turn signal switch (Tractor)

Multifunction, self-canceling turn signal switch (n/a on Tractor)

Oil maintenance minder

Rear-mounted dome lamp with integral map lights (Regular Cab/Crew Cab)

Steering wheel - Black vinyl

Upfitter switches (4) located in center IP with connector access located in engine compartment; includes 10-, 15-, and two 25-amp switches (diesel)

EXTERIOR CAB EQUIPMENT

Air/electric lines (12' coiled; Tractor)

Assist handles - B-pillars on all cabs, and C-pillars on Crew Cab1

Body-builder wiring harness, back of cab at frame (n/a on Tractor)

Bumper - Front; full-width, black-painted steel

Dual-note electric horn

Grille - Painted black, plastic

Headlamps - Aero-type halogen with front side marker lamps and reflectors

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, amber lenses (5)

Mirrors – Black, dual rectangular, manually adjustable/folding with integrated spotter mirrors, sail-type, 96"-wide spacing

Pogo stick (Tractor)

Side repeat flashers

Square cut frame ends (Pro Loader® and Straight Frame)

Taillamps with integrated stop, turn signal, backup and license plate bracket

Tapered frame ends (Tractor)

Tow hooks (2) - Front, black, frame-mounted

Trailer charge valve (Tractor)

Trailer module - 7-pin, mounted at back of cab (Tractor)

Window - Rear, fixed, solar-tinted

Windshield - Solar-tinted with laminated glass

Windshield wipers - 2-speed intermittent with washers

SAFETY & SECURITY

Belt-Minder® safety belt reminder (chime and flashing warning light on instrument panel if driver's safety belt isn't buckled)

Electronic stability control¹ (Tractor)

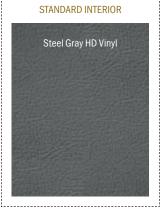
Emergency flashers – 4-way

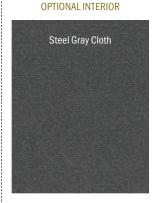
Safety belts – Color-keyed with fixed D-rings on outboard seating positions (Regular Cab)²

Safety belts – Color-keyed with adjustable D-rings on front-outboard seating positions (SuperCab/Crew Cab)²









SEATING	3	SEAT SUSPENSIONS			
	STANDARD FRONT	DRIVER	PASSENGER		
	High-back bucket seats with integrated head restraints, manual fore/aft and recline adjustment, inboard armrests, driver's side manual lumbar, and floor-mounted mini-console	Fixed	Fixed		
	OPTIONAL FRONT High-back bucket seats with	Air-ride	Fixed		
	integrated head restraints, manual fore/aft and recline	Air-ride	Air-ride		
	adjustment, inboard armrests, driver's side manual lumbar, and floor-mounted mini-console	Full air-ride with air lumbar	Full air-ride		
	High-back bucket driver's seat and 2-passenger bench seat with integrated head restraints, manual fore/aft and recline	Fixed	Fixed		
	adjustment, driver's side manual lumbar, and fold-down armrest with tray and cupholders	Air-ride	Fixed		
	High-back bucket driver's seat with integrated head restraint,	Fixed			
	manual fore/aft and recline adjustment, inboard armrest, and manual lumbar	Air-ride			
	40/20/40 split bench seat with adjustable head restraints, manual fore/aft and recline adjustment, driver's side manual lumbar, and fold-down armrest with storage tray and cupholders	Fixed	Fixed		
	STANDARD REAR 60/40 split bench with fold-up h to load floor (SuperCab)	igh-density foam seat	; converts		

to load floor (SuperCab)

60/40 split bench with fold-up high-density foam seat and fold-down seat back (Crew Cab)

OPTIONAL REAR

Rear-seat delete (SuperCab or Crew Cab)

Air-ride seats are available on Regular Cab and Crew Cab models, with or without air brakes. On models equipped with the standard hydraulic brake system, air-ride seats with an integral or external air pump are optional.



AVAILABLE FEATURES

AXLE & SUSPENSION - FRONT

EmGard® SAE 50 synthetic lubricant

Front stabilizer bar

AXLE & SUSPENSION - REAR

Double-acting shock absorbers (included with rear air suspension)¹

EmGard 75W-90 synthetic lubricant

AIR SUSPENSION - REAR (DIESEL)

Air suspension¹ – 12,000-lb., 19,000-lb. or 21,000-lb. capacity (F-650)

Air suspension¹ – 21,000-lb. or 23,000-lb. capacity (F-750)

Air suspension dump valve

Dual air suspension leveling valves for left/right ride height

BRAKES & BRAKE EQUIPMENT

Air brake chambers - Spring-style

(relocated to rear of axle; diesel; n/a on Pro Loader®)

Air brake system with ABS, 4-channel (diesel)

Air brake system with ABS and traction control, 4-channel (diesel)

Air compressor – Bendix® Tu-Flo® 550 13.2-CFM (for stand-alone air source with hydraulic brakes; included with air brake systems; required with air suspension; diesel only)¹

Air dryer – Bendix AD/IP $^{\odot}$ with heater mounted on left frame rail back of cab (diesel)

Air dryer – Bendix AD/IP with heater mounted outside left frame rail close to cab¹ (diesel; Regular Cab)

Automatic drain valve - Bendix DV-2™ with heater on diesel¹

Electronic stability control (ESC)^{1,2} (Diesel Air Brake)

Hydraulic brake system – Bosch® Hydro-Max® with traction control (n/a on Tractor)

TRAILER CONNECTIONS

4-wheel trailer Air Brake Package (includes air lines to rear of frame, hand control valve and tractor protection valve; diesel only; n/a on Tractor)¹

7-WAY TRAILER CONNECTION SOCKET

Mounted at rear of frame, for combined trailer stop/tail/turn/marker lamp circuits (n/a on Tractor)¹

Mounted at rear of frame, for separate trailer stop/tail/turn/marker lamp circuits (n/a on Tractor)¹

Mounted at rear of frame, wired for turn signals combined with stop (compatible with trailers that use combined stop/tail/turn lamps; diesel only; n/a on Tractor)¹

Mounted at rear of frame, wired for turn signals independent to stop (compatible with trailers that have amber or side turn lamps with independent stop/turn; diesel only; n/a on Tractor)¹

FUEL TANKS (FRAME-MOUNTED ON LEFT SIDE)

60-gal. single rectangular steel (Regular Cab and SuperCab gas)

55-gal. single rectangular aluminum (Regular Cab diesel; n/a on Pro Loader)

65-gal. single rectangular aluminum (Regular Cab diesel)

115-gal. dual rectangular aluminum

(65-gal. left-hand tank and 50-gal. right-hand tank; diesel)

ENGINE EQUIPMENT

Active regeneration control (diesel)

Engine block heater - Phillips, 750W

Engine idle shutdown timer with 5-, 10-, 15- and 20-minute options

Manual regeneration initiation (driver interface in message center; diesel)

Top road speed limiter (65- and 70-mph options)

DRIVELINE & CLUTCHES

Driveshaft upgrade (diesel)

Transmission – Mobile and stationary mode power takeoff (PTO) provision

EXHAUST (DIESEL)

Single, switchback-style, horizontal: frame-mounted outside right rail under cab with vertical exit

Single, torpedo-style, horizontal: frame-mounted right side back of cab with underbody exit in front of axle

ELECTRICAL

Body-builder wiring to end of frame (n/a on Tractor)

Daytime running lamps

Electric, 102-decibel backup alarm

Remote-mounted jump-start stud1

Taillamps delete (does not omit cable to end of frame; n/a on Tractor)1

ALTERNATOR

220-amp, 12V (diesel)

Dual heavy-duty, 357-amp total, 12V (diesel)

Extra-heavy-duty 240-amp, 12V (gas)1

BATTERIES

900 CCA, 12V Motorcraft® (2 for a total of 1,800 CCA)

900 CCA, 12V Motorcraft (3 for a total of 2,700 CCA; diesel)

Temporary mount at back of cab (dual 900 CCA or triple 900 CCA only, includes 10' of additional cable; diesel; n/a on Tractor)

INTERIOR CAB EQUIPMENT

SYNC® voice-activated, in-vehicle connectivity system (includes USB port and steering wheel-mounted SYNC controls)¹

Premium AM/FM stereo/single-CD player with MP3 capability, auxiliary audio input jack, steering wheel-mounted audio controls, clock and 4 speakers

110V/150W AC power outlet

Air conditioning delete; fresh air heater and defroster only¹

Anti-theft system

Telematics modem - Vehicle connectivity system3

Keyed-alike keys1

Rearview mirror

Remote Keyless Entry System with 2 key fobs1

Upfitter switches (4) located in center IP with connector access located in engine compartment; includes 10-, 15-, and two 25-amp switches (gas) $\,$

Voltmeter (located in message center)



AVAILABLE FEATURES (continued)

EXTERIOR CAB EQUIPMENT

Air horn, single-trumpet, mounted on back bumper frame rail (diesel)

Sliding rear window

Special-rating GVWR (limited to 25,999 lbs.; Straight Frame)

Special-rating GVWR (limited to 33,000 lbs.; F-750 Straight Frame diesel only)

Tow hooks delete

FRONT BUMPER

3" extension1 (n/a with swept-back bumper)

Bumper delete

Full-width, chrome-plated steel (included with Exterior Appearance Package)

Swept-back, Dark Shadow Gray-painted steel¹

FRAME

5th-wheel frame-rail drilling (Tractor)

Frame-rail drilling to support special fuel tanks for Roush CNG/LPG gaseous prep conversion² (Straight Frame gas)

Frame reinforcement (F-750 only; n/a on Tractor)1

Integral front frame extension - 20" in front of grille1

GRILLE

Chrome (includes chrome headlamp bezels)

Fixed, black-painted steel

LAMPS

Roof marker/clearance, clear lenses (5)

Roof marker/clearance delete

MIRRORS

Black, dual rectangular, manually adjustable/folding and heated with integrated spotter mirrors, sail-type, 96"-wide spacing¹

Black, dual rectangular, power-adjustable/manually folding and heated with integrated spotter mirrors, sail-type, 96"-wide spacing¹

Chrome caps, dual rectangular, manually adjustable/folding with integrated spotter mirrors, sail-type, 96"-wide spacing

Chrome caps, dual rectangular, manually adjustable/folding and heated with integrated spotter mirrors, sail-type, 96"-wide spacing¹

Chrome caps, dual rectangular, power-adjustable/manually folding and heated with integrated spotter mirrors, sail-type, 96"-wide spacing¹

Black, dual rectangular, manually adjustable/folding with integrated spotter mirrors, sail-type, 102"-wide spacing

Black, dual rectangular, manually adjustable/folding and heated with integrated spotter mirrors, sail-type, 102"-wide spacing¹

Black, dual rectangular, power-adjustable/manually folding and heated with integrated spotter mirrors, sail-type, 102"-wide spacing¹

Chrome caps, dual rectangular, manually adjustable/folding with integrated spotter mirrors, sail-type, 102"-wide spacing

Chrome caps, dual rectangular, manually adjustable/folding and heated with integrated spotter mirrors, sail-type, 102"-wide spacing¹

Chrome caps, dual rectangular, power-adjustable/manually folding and heated with integrated spotter mirrors, sail-type, 102"-wide spacing¹

Front fender-mounted mirrors - Driver and passenger side²

Front fender-mounted mirrors - Passenger side only²

PowerScope® power-telescoping/-folding trailer tow mirrors with power-adjustable/heated glass, manual convex integrated spotter mirrors, integrated clearance lamps and turn signal indicators, 96"-wide spacing¹

MUD FLAPS

Mud flaps - Rear1

Mud flap holders - Rear, without flaps

PACKAGES

Audio Delete Package: deletes radio, auxiliary audio input jack, and all associated parts (includes covers for radio and auxiliary audio input jack)

Audio Prep Package: deletes radio and auxiliary audio input jack, but retains all associated parts

Ambulance Prep Package: (available with 300-hp Power Stroke® V8 Turbo Diesel engine) special EPA calibration for emergency vehicles, 357-amp dual heavy-duty alternators, and three 900 CCA batteries for 2,700 CCA total (n/a on Tractor)

Beverage Delivery Package: ¹ body-builder wiring with 6¹ additional length to accommodate drop-frame beverage body application

CNG/Propane Gaseous Engine Prep Package: hardened intake valves and valve seats (gas)

Exterior Appearance Package: full-width chrome-plated steel front bumper and chromed fender badges

Fire/Rescue Prep Package: (available with 300-hp Power Stroke V8 Turbo Diesel engine) special EPA calibration for emergency vehicles, 357-amp dual heavy-duty alternators, and three 900 CCA batteries for 2,700 CCA total (n/a on Tractor)

Interior Appearance Package: front-mounted overhead console with dual sunglasses holders and front map lights, door-trim panels, map pockets, chrome air registers, 2nd-row bench seat (Crew Cab), 2nd-row flip-up seats with cushions and bolsters (SuperCab), perforated cab back panel (Regular Cab and Crew Cab), and Power Equipment Package

Power Equipment Package: power front side windows, power rear side windows (Crew Cab), power door locks, and door-trim panels (included in Interior Appearance Package)





(in.)	Regular Cab	SuperCab	Crew Cab
Overall height (at curb)¹	90.2 - 94.4	90.4 - 94.7	90.9 - 95.1
Width at front fenders	95.5	95.5	95.5
Frame rail width	34.0	34.0	34.0
Front bumper to back of cab	114.4	135.4	149.9
Load floor height (at curb)	33.6 - 38.5	33.6 - 38.5	33.6 - 38.5
Front bumper to center of front axle	40.4	40.4	40.4
Wheelbase	146.0 - 281.0	167.0 - 281.0	182.0 - 278.0
Center of rear axle to end of frame	39.0 - 120.0	39.0 - 120.0	39.0 - 100.0
Back of cab to center of front axle	74.0	95	109.5
Back of cab to center of rear axle	72.0 - 207.0	72.0 - 207.0	72.0 - 168.0

WHEELS & TIRES	PRO LOADER®		STRAIGHT FRAME				TRACTOR	
	F-650 Gas	F-650 Diesel	F-650 Gas	F-650 Diesel	F-750 Gas	F-750 Diesel	F-650 Diesel	F-750 Diesel
WHEELS (in.) 19.5 x 6.75 8-lug white powder-coated steel	S	S	0	0	_	_	_	_
19.5 x 6.75 8-lug polished aluminum ²	0	0	0	0	_	_	_	T-
19.5 x 7.5 10-lug white powder-coated steel	_	0	_	0	_	_	_	—
19.5 x 7.5 10-lug aluminum²	_	0	_	0	_	_	_	-
22.5 x 8.25 10-lug white powder-coated steel	_	_	S	S	S	S	S	S
22.5 x 8.25 10-lug polished aluminum ²	_	_	_	0	0	0	0	0
22.5 x 8.25 10-lug black	_	_	0	0	0	0	0	0
TIRES ³ 245/70R19.5G	S	S	0	0	_	_	_	_
245/70R19.5H	0	0	0	0	_	_	_	_
265/70R19.5G	0	0	0	0	_	_	_	_
11R22.5G	_	_	S	S	S	S	S	S
11R22.5H	_	_	_	0	0	0	0	0
255/70R22.5H	_	_	0	0	0	0	0	0
275/80R22.5G	_	_	0	0	0	0	0	0
275/80R22.5H	_	_	0	0	0	0	0	0
295/75R22.5H	_	_	0	0	0	0	0	0
295/80R22.5H	_	_	_	_	0	0	_	0

(in.)	PRO LOADER F-650 Gas & Diesel	STRAIGHT FRA F-650 Gas & Diesel	ME F-750 Gas & Diesel	TRACTOR F-650/F-750 Diesel	
Regular Cab	158/84	158/84	158/84	146/72	
-	182/108	176/102	176/102	158/84	
	194/120	182/108	182/108		
	218/144	194/120	194/120		
	242/168	200/126	200/126		
		212/138	212/138		
		218/144	218/144		
		224/150	224/150		
		230/156	230/156		
		242/168	242/168		
		260/186	260/186		
		281/207	281/207		
SuperCab	179/84	179/84	179/84	167/72	
	203/108	197/102	197/102	179/84	
	239/144	203/108	203/108		
		215/120	215/120		
		221/126	221/126		
		233/138	233/138		
		239/144	239/144		
		245/150	245/150		
		251/156	251/156		
		263/168	263/168		
			281/186		
Crew Cab	194/84	182/72	182/72	182/72	
	218/108	194/84	194/84		
	254/144	212/102	212/102		
		218/108	218/108		
		230/120	230/120		
		236/126	236/126		
		248/136	248/136		
		254/144	254/144		
		260/150	260/150		
		266/156	266/156		
		278/168			

WHEELBASE/CAB-TO-AXLE OPTIONS



White Powder-Coated Steel



Polished Aluminum



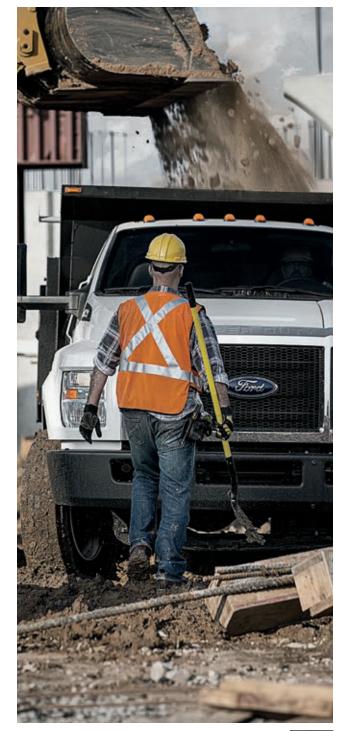


FRAMES

FRAME ORDER CODE	533	534	535	536	537	538	539	41R
AVAILABILITY Pro Loader® — F-650 Gas & Diesel Straight Frame — F-650 Gas & Diesel	_ 0	_ S	_ 0	0	S -	_ 0		_ _
Straight Frame — F-750 Gas & Diesel Tractor — F-650/F-750 Diesel	_	_	S -	0 S	_	0 _	0 _	0 _
SPECIFICATIONS Depth (in.) Width (in.)	9.125 3.062	10.125 3.062 0.312	10.250 3.092	10.125 3.580	9.125 3.062 0.312	10.250 3.610	10.375 3.705	10.813 3.892 0.312
Thickness (in.) Yield (psi) Maximum section modulus (cu. in.) Maximum resisting bending moment (inlbs.)	0.312 80,000 10.75 860,000	50,000 12.64 632,000	0.375 80,000 15.14 1,211,000	0.312 120,000 14.18 1,701,600	80,000 10.75 860,000	0.375 120,000 16.98 2,037,600	0.438 120,000 20.11 2,413,200	120,000 29.84 3,580,800

WEIGHT RATINGS

	PRO LOADER		STRAIGHT FRAME				TRACTOR		
(lbs.)	F-650 Gas	F-650 Diesel	F-650 Gas	F-650 Diesel	F-750 Gas	F-750 Diesel	F-650 Diesel	F-750 Diesel	
AXLES Front axle rating	8,500 (S)	8,500 (S)	8,500 (S) 10,000 (O)	8,500 (S) 10,000 (O)	10,000 (S) 12,000 (0)	10,000 (S) 12,000 (O) 14,000 (O)	10,000 (S)	10,000 (S) 12,000 (O) 14,000 (O)	
Rear axle rating – Single-speed	13,500 (S) 17,500 (O)	13,500 (S) 17,500 (O)	17,500 (S) 19,000 (O)	17,500 (S) 19,000 (O)	21,000 (S)	21,000 (S) 23,000 (O) 26,000 (O)	17,500 (S) 19,000 (O)	21,000 (S) 23,000 (0) 26,000 (0)	
Rear axle rating - 2-speed						21,000 (0)		21,000 (0)	
SUSPENSIONS Front spring rating	8,500 (S) 10,000 (O)	8,500 (S)	8,500 (S) 10,000 (O) 12,000 (O)	8,500 (S) 10,000 (O) 12,000 (O)	10,000 (S) 12,000 (O) 13,200 (O)	10,000 (S) 12,000 (O) 13,200 (O) 14,000 (O)	10,000 (S) 12,000 (O)	10,000 (S) 12,000 (0) 13,200 (0) 14,000 (0)	
Rear multi-leaf spring rating	15,500 (S) 19,000 (O)	15,500 (S) 19,000 (O)	19,000 (S) 21,000 (O)	19,000 (S) 21,000 (O)	21,000 (S) 23,000 (O)	21,000 (S) 23,000 (O) 31,000 (O)	19,000 (S) 21,000 (O)	21,000 (S) 23,000 (0) 31,000 (0)	
Rear air-suspension rating		12,000 (0) 19,000 (0)		19,000 (0) 21,000 (0)		21,000 (0) 23,000 (0)	19,000 (0) 21,000 (0)	21,000 (0) 23,000 (0)	
GVWR RANGE Minimum Maximum	22,000 26,000	20,500 26,000	26,000 29,000	26,000 29,000	31,000 33,000	31,000 37,000	27,500 29,000	31,000 37,000	
GCWR	37,000	50,000	37,000	50,000	37,000	50,000	50,000	50,000	
CURB WEIGHT RANGE Minimum Maximum	8,748 9,527	9,407 10,186	9,618 11,144	10,278 11,897	9,748 11,023	10,408 12,405	11,062 11,573	11,274 11,785	







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6.8L GAS POWERTRAIN WARRANTY 5 Years/100.000 Miles

BODY CORROSION-PERFORATION WARRANTY 36 Months/Unlimited Mileage

BASIC WARRANTY 24 Months/Unlimited Mileage

ROADSIDE ASSISTANCE PROGRAM 24 Months/Unlimited Mileage

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ford.com/commercial-trucks/f650-f750



