

BUILT FOR EXTREME DUTY.

Growing your business takes hard work. With the help of our Built Ford Tough® F-650/F-750 family of rugged medium-duty trucks, you'll be ready for the challenge. An available all-new 7.3L V8 gas engine and an available 3rd-Generation 6.7L Power Stroke® V8 Turbo Diesel supply these workhorses with an abundance of raw power. And new standard and available driver-assist technology¹ (DAT) allows your fleet to be equipped with innovative features that can help avoid an incident – and the costly downtime that goes with it. Our trucks are built – right here in America² – with the capability you demand, as well as the flexibility to meet your business needs. So haul it. Pull it. Fill it. No matter the challenge, the 2021 Ford medium-duty truck lineup is rock solid. Ready for duty. And backed by Ford.

BUILT TOPE PROUD



POWERED BY FORD

ASSEMBLED IN AMERICA²

TESTED TOUGH: THOUSANDS
OF MILES SIMULATING
THE HARSHEST CONDITIONS

F-750 Tractor Regular Cab in Oxford White, SuperCab in Race Red, Crew Cab in Ingot Silver, and Regular Cab in School Bus Yellow. All shown with available equipment.
¹Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. ²Assembled in the USA with domestic and foreign parts.
Vehicles throughout this brochure may be shown with optional and aftermarket upfit equipment, and without standard antenna.

NEW POWER

Get ready for a soon-to-be legend in the world of work. The all-new 7.3L gas V8, a dedicated truck engine, is engineered for robust power and iron-clad durability. 3rd-Generation upgrades to our proven 6.7L Power Stroke V8 Turbo Diesel help push its torque output to new heights.

MORE ASSISTANCE

Available new Driver Assist Technology
(DAT) Packages add the following features to
air and hydraulic brake models: Pre-Collision
Assist with Automatic Emergency Braking;
Lane Departure Warning; and Auto High
Beams. Air brake models also include
Adaptive Cruise Control.

MODEL-YEAR ALIGNMENT

When it comes to vehicle resale, you know the importance of model year. That's why our 2021 models go on sale at the beginning of 2020. You spoke. We listened.

POWER UP WITH AUTHORITY.

These trucks work hard. So it's critically important that each powertrain work seamlessly with all chassis components and vehicle calibrations. They will with the 2021 F-650/F-750, as both available engines and the TorqShift® HD 6-speed automatic transmission were designed and built by Ford. In fact, Ford is the only Class 6-7 truck manufacturer to build its own powertrains and offer you the choice of gasoline or diesel power.

3RD-GENERATION **V8 DIESEL**

750 LB.-FT. 330 HORSE POWER



TORQUE HORSEPOWER

■ 700 lb.-ft. @ 1,500 rpm

■ 725 lb.-ft. @ 1,500 rpm

■ 750 lb.-ft. @ 1,500 rpm

■ 330 @ 2,600 rpm

6.7L POWER STROKE® V8 TURBO DIESEL

While continuing to offer 3 sets of ratings so you can align engine power to your specific needs, our proven Power Stroke diesel gets significant upgrades that push its torque outputs even higher. Reengineered injectors in the new 36,000-psi fuel injection system help it optimize combustion and provide excellent throttle response. In this high-pressure environment, new forged-steel pistons provide higher firing-pressure capability and less friction for improved durability. A new turbocharger with fully electronic vane actuator improves cold-weather performance. Finally, a new air-induction system helps keep things cool. A trait the 6.7L Power Stroke V8 Turbo Diesel knows all too well – staying cool under extreme pressure.

F-750 Diesel SuperCab in Oxford White with available and aftermarket upfit equipment.

ALL-NEW 7.3L 2-VALVE V8 GAS

Get ready for a new legend in the world of work. Built from the ground up as a dedicated truck engine, the all-new 7.3L V8 is engineered for iron-clad durability. To enable it to work harder for longer, its stout design features: cast-iron engine block construction; a forged-steel crankshaft; carbon-nitrided needle bearings in the valvetrain; robust pistons and ring packs with anti-wear coatings; piston cooling jets; and a variable-displacement oil pump located in the pan. The pump ensures proper engine lubrication in cold-weather starts and, over time, even accommodates engine-wear changes to maintain optimum performance. And that's what it's all about in harsh environments where these trucks may not leave for months. Tough lives here.

468 LB.-FT.

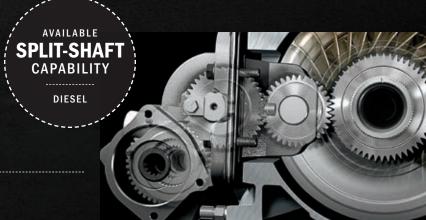
ALL-NEW



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. 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.

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. while parked. On the diesel, you also get split-shaft capability to power multiple auxiliary devices.

F-650 Diesel Pro Loader® SuperCab in Oxford White with available and aftermarket upfit equipment.



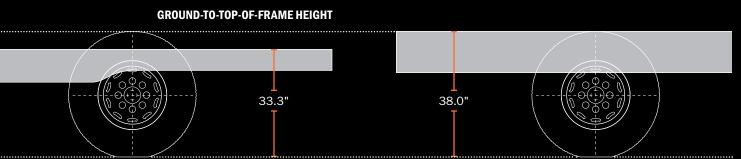


Thanks to the relatively low ground-to-top-of-frame height on its kick-up frame, F-650 Pro Loader® is well-suited for ambulance and emergency service applications that require a low and flat loadfloor with no interior encroachment. Serviceable and nonserviceable sections of the rugged 9" frame are joined with Huckbolt® fasteners for durability. And all Pro Loader models can be equipped with available electronic stability control.¹ 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 lbs. (Gas) / 50,000 lbs. (Diesel)

Rear axle ratings up to 17,500 lbs.²



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-strength-steel alloy 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 is needed. Plus, electronic stability control¹ is available on all Straight Frame trucks.

GVWRs: 26,000 - 33,000 lbs.² (Gas) / 26,000 - 37,000 lbs.² (Diesel)

GCWRs: 37,000 lbs. (Gas) / 50,000 lbs. (Diesel)

Rear axle ratings up to 26,000 lbs.²

F-650/F-750 TRACTOR

Get ready to redefine tractor pull. For vocational applications like beverage delivery and moving and storage, Built Ford Tough® F-650 and F-750 tractors are made 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 750 lb.-ft. An available rear air suspension helps smooth out the rough spots. With available in-factory 5th-wheel frame-rail drilling, your tractor is ready to support plates and other mounting equipment for fixed 5th wheels. And standard air brakes with traction control 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.¹ GCWR: 50.000 lbs.

Rear axle ratings up to 26,000 lbs.1

A SOLID FOUNDATION

A high-strength, heat-treated alloy steel frame, long front leaf springs, double-acting front shock absorbers, and an available front stabilizer bar help F-650 and F-750 tractors deliver a smooth, comfortable ride while maintaining capability.

A CHOICE OF POWER

The standard 6.7L Power Stroke V8 Turbo Diesel engine delivers a max. 270 horsepower and 700 lb.-ft. of torque. Max. engine outputs of 300 hp and 725 lb.-ft. of torque, and 330 hp and 750 lb.-ft. of torque, are also available.

A VISIBLE DIFFERENCE

Enhance your rearward visibility with a choice of 96" – or available 102" – wide sideview mirrors to handle different trailers. Available power-adjustable mirrors include a heat feature that can warm the surface to keep the mirrors clear in icy conditions.

F-750 Diesel Tractor Crew Cab in Tangier Orange with available and aftermarket upfit equipment. ¹Weight restrictions vary by model. ²Remember that even advanced technology cannot overcome the laws of physics. It's always possible to lose control of a vehicle due to inappropriate driver input for the conditions.

REAR AIR SUSPENSION AND FRONT FENDER-MOUNTED

MIRRORS

READY AND STABLE

The standard brake system on F-650 and F-750 tractors includes electronic stability control² and traction control. An available new Driver Assist Technology Package for tractor models includes Pre-Collision Assist with Automatic Emergency Braking; Lane Departure Warning; Adaptive Cruise Control; and Auto High-Beam Headlamps.

STANDARD

AIR BRAKE SYSTEM

AND
ENGINE EXHAUST
BRAKE



F-750 Diesel Crew Cab in Race Red with available equipment.



- A DIESEL ENGINE FUEL TANK CHOICES begin with 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 the available 115-gal. dual rectangular aluminum fuel tanks (65-gal. on left/50-gal. on right). Diesel models also feature a standard 8-gal. DEF tank.
- B MOTORCRAFT® BATTERIES (shown with battery cover removed) run from 750 to 900 cold-cranking amps (CCA) depending on engine choice and model variations with up to an available 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 switchback to torpedo to an available under-cab switchback style with vertical exit.
- D AVAILABLE BODY-BUILDER WIRING HARNESS to end-of-frame options designed to reduce the amount of wiring for upfitters to route.
- E AVAILABLE ENGINE BLOCK HEATER helps the engine achieve proper operating temperature faster by warming the coolant. This aids in quicker lubrication inside the engine, especially when the temperature drops.
- 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 an available 14,000 lbs. Rear axle ratings vary from 13,500 to an available 26,000 lbs.

high range. F-750 Diesel only.



READY WITH AN ASSIST.

From stockyard to highway to work site, available new driver-assist features³ on the 2021 Ford F-650/F-750 medium-duty trucks are engineered to help improve driver confidence and fleet performance, plus help to protect your investment in the field. Your hydraulic or air brake-equipped trucks can be outfitted with an available Driver Assist Technology Package to add this important level of equipment to your fleet of vehicles.

DRIVER ASSIST TECHNOLOGY PACKAGE



PRE-COLLISION ASSIST WITH AUTOMATIC EMERGENCY BRAKING

By scanning the road ahead, this feature can alert you to potential collisions with vehicles detected in your path. If an impact is imminent and you don't take action, brakes can apply automatically.4 It's designed to only activate when needed.



LANE DEPARTURE WARNING

When this system's forward-facing camera detects the truck crossing a lane marking without the driver using the turn signal, it provides an audible alert and a visual display in the instrument cluster.



AUTO HIGH-BEAM HEADLAMPS

Sound familiar? You turn on high beams entering a dark stretch of road – then forget to turn them off as traffic approaches. Auto High-Beam Headlamps can detect poor lighting and switch them on for you. They can also sense oncoming headlamps and dim automatically for other drivers.



ADAPTIVE CRUISE CONTROL (ACC)

Get help keeping pace on your journey. Adaptive Cruise Control can maintain your selected speed and preset gap from the vehicle in front of you. If traffic ahead slows, your truck slows. And when traffic clears, it can resume your set speed. ACC is only available on diesel trucks equipped with available air brakes.

---- AVAILABLE ---

Restrictions apply. See Specifications pages and your dealer for details.

¹Don't drive while distracted. Use voice-operated systems when possible; don't use handheld devices while driving. ²Restrictions apply. ³Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. ⁴Pre-Collision Assist with Automatic Emergency Braking does not replace safe driving. See owner's manual for system limitations.

STANDARD FEATURES:

MECHANICAL

GAS ENGINE MODELS

7.3L PFI V8 engine

12V Denso® starting motor

Air cleaner with heavy-duty filter

Alternator – 210-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

6.7 L Power Stroke® V8 Turbo Diesel engine (3 hp/torque rating options: 270/700 [99C], 300/725 [99E], and 330/750 [99X])

12V Comstar® starting motor

8-gal. diesel exhaust fluid (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)

Donaldson® single-element air cleaner with restriction indicator Engine exhaust brake

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

Fuel/water separator

Manual regeneration initiation (driver interface in productivity screen)

GAS & DIESEL ENGINE MODELS

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

BorgWarner viscous fan clutch

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), and traction control (n/a on Tractor)

Driveshaft - Dana base

Engine coolant with extended-life Phosphate Organic Acid Technology (POAT), and -40°F freeze-protection rating Front parabolic-taper leaf springs with double-acting

shock absorbers

Gear shift interlock key1

Radiator – Aluminum with in-tank transmission cooler

 $\hbox{\it Rear suspension with multi-leaf rear springs}$

SAE blade-type fuses

Telematics modem - Vehicle connectivity system

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) 65-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 Bluetooth® capability, clock and 2 speakers One (1) 12V powerpoint and one (1) dual USB/USB-C charger port 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 vinvl

Gauge cluster with electronic speedometer (mph/kph), tachometer, indicator lights and 8" LCD productivity screen

Glove box in right-hand instrument panel

Intelligent Oil-Life Monitor®

Left-/right-hand front-window demisters

Manual tilt/telescoping steering column

Molded cloth headliner

Multifunction, non-canceling turn signal switch (Tractor)

Multifunction, self-canceling turn signal switch (n/a on Tractor)
Rear-mounted dome lamp with integral map lights
(Regular Cab and 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 Automatic headlamps

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 - Black-painted, composite

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 trailer air lines and electrical harness manager (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 frontoutboard seating positions (SuperCab and Crew Cab)²



Standard dual USB/USB-C charger port



Standard upfitter switches on diesel



SEATING		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 integrated head restraints, manual fore/aft	Air-ride	Fixed		
	and recline adjustment, inboard armrests, driver's side manual lumbar, and floor-mounted mini-console	Air-ride	Air-ride		
	High-back bucket driver's seat and 2-passenger bench seat with integrated head restraints, manual fore/aft and recline adjustment, driver's side manual	Fixed	Fixed		
	lumbar, and fold-down armrest with tray and cupholders	Air-ride	Fixed		
	High-back bucket driver's seat with integrated head restraint, manual fore/aft	Fixed			
	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 high-density foam seat; converts to load floor (Sup	perCab)			
	$60/40\ \text{split}$ bench with fold-up high-density foam seat and fold-down seat back (0	Crew Cab)			
	OPTIONAL REAR				

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.

STEEL GRAY HD VINYL Standard

STEEL GRAY CLOTH

OXFORD WHITE

BOLD YELLOW

TANGIER ORANGE

BLUE JEANS³

INGOT SILVER³

CHOOL BUS YELLOW

RACE RED

STONE GRAY³

MAGNETIC³

GREEN GEM³

AGATE BLACK³

Colors are representative only. See your dealer for actual paint/trim options. ¹Restrictions may apply. See your dealer for details. ²Always wear your safety belt. ³Metallic.

Rear-seat delete (SuperCab and Crew Cab)

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 suspension 1 – 12,000-lb., 19,000-lb. or 21,000-lb. capacity (F-650)

Air suspension ¹ – 21,000-lb. or 23,000-lb. capacity (F-750) Air suspension dump valve

Single or 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 standalone air source with hydraulic brakes; included with air brake systems; required with air suspension; diesel only) $^{\rm 1}$

Air dryer – Bendix AD/IS® with heater mounted inboard on left frame rail back of cab (diesel)

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

Electronic stability control (ESC)^{1,2} for both hydraulic and air brake-equipped models

TRAILER CONNECTIONS

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

7-way trailer connection socket1

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 separate from 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)

GAS

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

DIESEL

55-gal. single rectangular aluminum (Regular Cab; n/a on Pro Loader) 65-gal. single rectangular aluminum (Regular Cab)

115-gal. dual rectangular aluminum (65-gal. left-hand tank and 50-gal. right-hand tank; n/a on Tractor)

ENGINE EQUIPMENT

Active regeneration control (diesel)

Engine block heater

Engine idle shutdown timer with 5-, 10-, 15- and 20-minute options 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 axle¹

ELECTRICAL

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

Daytime running lamps

Electric, 102-decibel backup alarm¹
Remote-mounted jump-start stud¹

Taillamps delete

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

ALTERNATORS

Extra-heavy-duty, 240-amp, 12V Denso®1

Dual heavy-duty, 397-amp total, 12V Denso (gas)

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

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

110V/150W AC power outlet1

Air conditioning delete; fresh air heater and defroster only¹

Keyed-alike fleet order options¹

Rapid-heat supplemental cab heater (diesel; standard in cold weather states)¹

Rearview mirror

Remote Keyless Entry System with 2 key fobs¹

SecuriLock® Passive Anti-Theft System¹

Upfitter Interface Module (UIM)

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 productivity screen)

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 aftermarket installation of 4x4 conversion

Frame-rail drilling to support special fuel tanks for Roush® CNG/ propane gaseous engine prep conversion (Straight Frame gas) Frame reinforcement (F-750 only; n/a on Tractor)¹

Integral front frame extension – 20" in front of grille¹

GRILLE

Fixed, black-painted composite

LAMPS

Roof marker/clearance, clear lenses (5)
Roof marker/clearance delete (n/a on Tractor)

MIRRORS

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

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 spacing

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 side

Front fender-mounted mirror – Passenger side only

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

High-Beam Headlamps

Audio Delete Package: deletes radio and all associated parts
Audio Prep Package: deletes radio, but retains all associated parts

Ambulance Prep Package: 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) late availability

Driver Assist Technology (DAT) Package - Air Brakes:Pre-Collision Assist with Automatic Emergency Braking;
Lane Departure Warning; Adaptive Cruise Control; and Auto

Driver Assist Technology (DAT) Package – Hydraulic Brakes:Pre-Collision Assist with Automatic Emergency Braking; Lane
Departure Warning; and Auto High-Beam Headlamps

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

Fire/Rescue Prep Package: special EPA calibration for emergency vehicles, 357-amp dual heavy-duty alternators, and three 900 CCA batteries for 2.700 CCA total (diesel: 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 filip-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)



WHEELBASE/CAB-TO-AXLE OPTIONS (in.)

	PRO LOADER®	STRAIGHT FR	TRACTOR		
	F-650 Gas & Diesel	F-650 Gas & Diesel	F-750 Gas & Diesel	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		
		281/207	281/207		
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	,		

DIMENSIONS (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	95.0	109.5
Back of cab to center of rear axle	72.0 - 207.0	72.0 - 207.0	72.0 - 168.0

WHEELS & TIRES

S: Standard 0: Optional

	PRO LOA	ADER	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 Alcoa® aluminum 8-lug Clean Buff w/Dura-Bright® seal on both sides	0	0	0	0	_	_	_	_
19.5 x 7.5 10-lug white powder-coated steel	_	0	_	0	_	_	_	_
19.5 x 7.5 Alcoa aluminum 10-lug polished w/Dura-Bright seal on both sides	_	0	_	0	_	_	_	_
22.5 x 8.25 10-lug white powder-coated steel	_	_	S	S	S	S	S	S
22.5 x 8.25 Alcoa aluminum 10-lug bright polished w/Dura-Bright seal on both sides ²	_	_	0	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	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



White Powder-Coated Steel



Alcoa Dura-Bright Polished Aluminum





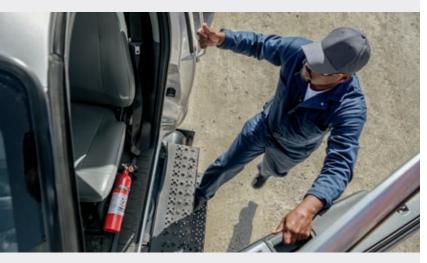
FRAMES							S : St	andard 0 : Optional
FRAME ORDER CODE	533	534	535	536	537	538 ⁴	539	536 + 41R
AVAILABILITY								
Pro Loader - F-650 Gas & Diesel	_	_	_	_	S	_	_	_
Straight Frame - F-650 Gas & Diesel	0	S	0	0	_	0	_	_
Straight Frame - F-750 Gas & Diesel	_	_	S	0	_	0	0	0
Tractor - F-650/F-750 Diesel	_	_	_	S	_	_	_	_
SPECIFICATIONS								
Depth (in.)	9.125	10.125	10.250	10.125	9.125	10.250	10.375	10.813
Width (in.)	3.062	3.062	3.092	3.580	3.062	3.610	3.705	3.892
Thickness (in.)	0.312	0.312	0.375	0.312	0.312	0.375	0.438	0.312
Yield (psi)	80,000	50,000	80,000	120,000	80,000	120,000	120,000	120,000
Maximum section modulus (cu. in.)	10.75	12.64	15.14	14.18	10.75	16.98	20.11	29.84
Maximum resisting bending moment (inlbs.)	860,000	632,000	1,211,200	1,701,600	860,000	2,037,600	2,413,200	3,580,800

WEIGHT RATINGS (lbs.)							S :S	Standard 0 : Op
	PRO LOADER		STRAIGHT FRAI	ME	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
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 (0) 14,000 (0)	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 (0) 26,000 (0)	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 (O) 13,200 (O) 14,000 (O)
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 (0)	21,000 (S) 23,000 (0) 31,000 (0)	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	22,000	20,500	26,000	26,000	31,000	31,000	27,500	31,000
Maximum	26,000	26,000	29,000	29,000	33,000	37,000	29,000	37,000
GCWR	37,000	50,000	37,000	50,000	37,000	50,000	50,000	50,000
CURB WEIGHT RANGE (with standar	rd brakes)							
Minimum	8,748	9,407	8,912	9,669	9,239	10,040	10,067	10,187
Maximum	9,527	10,186	10,419	11,173	10,743	11,592	10,862	10,982

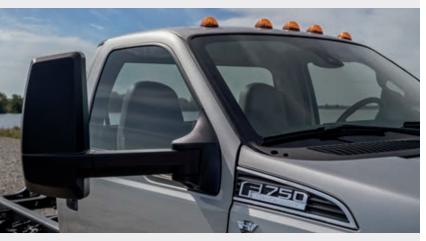
¹Height measurements may vary with tire. ²Rear outer wheel only – inner wheel is steel. ³Due to industry-wide tire availability shortages, tire substitutions may be required at time of vehicle production. ⁴Restrictions may apply. See your dealer for details.



A-pillar grab handle assists with ingress and egress Standard



Cab steps and grab handles help drivers enter and exit securely Standard



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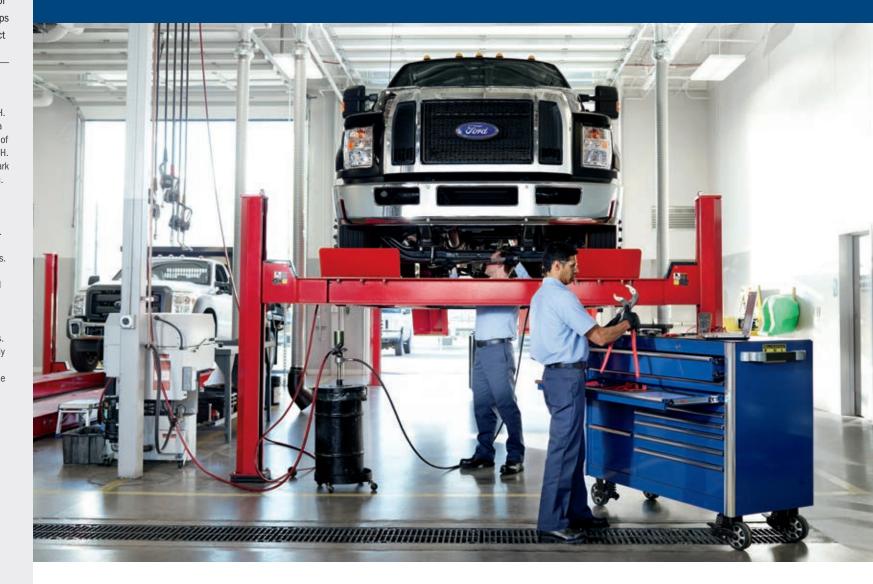
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BODY CORROSION-PERFORATION WARRANTY¹ 36 Months/Unlimited Mileage

BASIC WARRANTY¹ 24 Months/Unlimited Mileage

ROADSIDE ASSISTANCE PROGRAM¹ 24 Months/Unlimited Mileage

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