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F-250/F-350/F-450 Super Duty Pickups | 2012

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2012 F-250/F-350/F-450 Super Duty Pickups

What's Important

Key Messages

- Super Duty trucks are the "must-have" heavy-duty truck for the toughest jobs
- Exterior styling features a bold front end with a clamshell hood design
- Ford-designed, Ford-engineered and Ford-built 6.7L Power Stroke V8 turbo diesel engine is the cleanest Power Stroke diesel ever
- 6.2L V8 gasoline engine is Ford-designed, Ford-engineered and Ford-built
- Standard heavy-duty TorqShift 6-speed SelectShift Automatic transmission, Ford-designed, Ford-engineered and Ford-built
- Standard driver and passenger front airbags, seat side airbags and Safety Canopy side curtains with roll sensor

Key Features Overview

Trailer Sway Control
(p. 42)

Ford Work Solutions
(p. 32)

Heavy-Duty TorqShift 6-speed SelectShift Automatic transmission
(p. 21)

Excellent towing capacity
(p. 45)



6.7L Power Stroke V8 turbo diesel engine
(pp. 14, 15)

AdvanceTrac with RSC (Roll Stability Control)
(p. 42)

6.2L V8 gasoline engine
(pp. 12, 13)

Key Competitors

- **Chevrolet Silverado 2500HD and 3500HD**
- **Ram Heavy Duty 2500 and 3500**

NOTE: See the latest Dealer Ordering Guide for feature availability.

F-250/F-350/F-450 Super Duty Pickups 2012

What's Important

New for 2012

Model Lineup

- 2012 model lineup unchanged and includes:
  - XL
  - XLT
  - Lariat
  - King Ranch

Performance/Handling

- CNG/LPG-Fuel Capable Engine available for 6.2L V8 gasoline engine only

Quality/Reliability/Durability

- No feature changes for 2012

Flexibility

- Driver and front passenger head restraints feature 4-way adjustment on XLT, Lariat and King Ranch
- Exterior color added:
  - Autumn Red Metallic (GT) (available, Job #2)
- Exterior color deleted:
  - Royal Red Metallic
- MyKey standard on XL
- SYNC now includes AppLink

Capability

- 2-inch sleeve reducer is included with all standard 2.5-inch hitch receivers
- Gooseneck Hitch Kit is available on short box (6.75-foot) models

Packages Added

- XLT Value Package includes:
  - Autolamp/rainlamp
  - Autolock/unlock
  - Fog lamps
  - Power adjustable pedals
  - Power driver seat (6-way)
  - SecuriCode Keyless Entry Keypad (driver side)
  - Steering wheel controls
  - SYNC

Packages Changed

- 10,000-lb. GVWR Package updated to include 9900-lb. GVWR on F-250 models only
- Chrome Package and King Ranch with Chrome Package add 18" chrome-clad wheels and LT275/65R18E BSW A/S tires; 20" chrome-clad wheels and LT275/65R20E OWL A/T available on 4x4 (diesel, SRW only)
- Power sliding, heated rear window with privacy glass and defrost standard on Lariat and King Ranch, available on XLT
- XLT Premium Package includes 18" chrome-clad wheels and LT275/65R18E BSW A/S tires

Packages Deleted

- XLT Appearance Package no longer available
- XLT Chrome Package no longer available

NOTE: See the latest Dealer Ordering Guide for feature availability.

2012 F-250/F-350/F-450 Super Duty Pickups

Model Lineup

Model Lineup Pages

The Model Lineup pages are based on the Dealer Ordering Guide and are designed to show key features/equipment on Ford Super Duty Pickups. As you move through the model lineup, each model adds to or upgrades the equipment of the preceding model, except where additions/exemptions are noted. The F-250/F-350/F-450 Super Duty Pickups are available in 4 series:

· XL · XLT · Lariat · King Ranch

XL — *Standard model*

Performance/Handling

- Alternator, Heavy-Duty – 157 amps
- Axle
  - Twin I-Beam front axle with coil spring suspension — 4x2 (F-250 and F-350)
  - Monobeam front axle with coil spring suspension — 4x4 (F-250 and F-350)
  - Monobeam wide track front suspension with extended axle (F-450)
- Axle, rear
  - Limited-slip (F-450)
  - Non-limited-slip (F-250 and F-350)
- Battery
  - Diesel engine — 750 CCA, 78-AH, dual
  - Gasoline engine — 650 CCA, 72-AH
- Brakes – power 4-wheel Anti-lock Braking System (ABS)
- Engines
  - 6.2L 2-valve SOHC EFI V8 gasoline (E85 Flex Fuel) (F-250/F-350)
  - 6.7L 4-valve Power Stroke V8 turbo diesel (F-450) (B20 capable)
- Manual locking hubs (4x4)
- Shock absorbers — dual heavy-duty gas
- Stabilizer bar
  - Front
- Stationary Elevated Idle Control (SEIC)
- Steering – power
- Steering damper
- Transmission — Heavy-Duty TorqShift 6-speed SelectShift Automatic with Tow/Haul Mode

Quality/Reliability/Durability

- Jack
  - 2-ton mechanical (F-250 and F-350 SRW)
  - 4-ton hydraulic (F-350 DRW and F-450)
- Moldings — tailgate and box rail
- Spare tire, wheel, lock and frame-mounted carrier

Capability

- Tow hooks – front (2)
- Trailer Hitch Receiver – "Built Ford Tough"
  - 12.5K "Built Ford Tough" (F-250/F-350 SRW models; includes 2" trailer hitch) (N/A diesel with 156", 158" or 172" wheelbase)
  - 14K "Built Ford Tough" (F-250/F-350 SRW diesel with 156", 158" or 172" wheelbase; includes 2.5" trailer hitch and 2" sleeve reducer)
  - 15K "Built Ford Tough" (F-350 DRW gas and diesel except 172" wheelbase; includes 2.5" trailer hitch and 2" sleeve reducer)
  - 17.5K "Built Ford Tough" (F-350 DRW diesel with 172" wheelbase; F-450; includes 2.5" trailer hitch and 2" sleeve reducer)
- Trailer Tow Package (F-250/F-350)
  - 7-wire harness with relays and 7-/4-pin connector (Note: When Pickup Box Delete and Trailer Brake Controller are ordered together, this item is deleted)
  - 7-/4-pin connector, 4.30 limited-slip rear axle ratio and 33,000-lb. Gross Combination Weight Rating (F-450)

Flexibility

- AdvanceTrac with RSC (Roll Stability Control) (SRW)
- Intelligent 3-blink turn signal
- 6" angular MIC black running boards (F-350 DRW and F-450 only)
- Airbag deactivation switch – passenger-side (not included on Crew Cab)
- Airbags
  - Frontal, driver and passenger
  - Seat-mounted, side-impact
  - Side air curtains (Safety Canopy System)
- Air conditioning – manual
- Audio – AM/FM stereo/digital clock and 2 speakers
- Bumpers – front and rear, black painted
- Child tethers (Regular Cab front center seat and passenger, SuperCab and Crew Cab all rear seating positions)
- Coat hooks – LH/RH color-coordinated
- Dash-top tray
- Dome lamp – LH/RH door-activated I/P switch operated with delay
- Door trim – color-coordinated, molded with armrest/grab handle and reflector
- Doors
  - Two (Regular Cab only)
  - Four (SuperCab and Crew Cab only)
- Fender vents – front
- Floor covering – black, full length vinyl
- Glass – solar tinted
- Grille – black painted
- Handles
  - Door and tailgate, black
  - Grab – driver and front passenger
  - Roof ride – front passenger (over rear doors with Crew Cab)
- Headlamps – dual-beam, jewel-effect
- Headliner – color-coordinated cloth
- Hill Start Assist (SRW)
- Instrumentation – multifunction switch Message Center with Ice Blue lighting (3-button message control on steering wheel)
- Instrument panel – color-coordinated with glove box, 4 air registers with positive shutoff, powerpoint, storage bin and trash bag hook
- Intelligent Oil Life Monitor (diesel engine)
- License plate brackets – front and rear
- Lights – pickup box and cargo area
- Map lights – dual (incl. theater-dimming) (front and rear with Crew Cab)
- Mirror – rearview 11.5" day/night
- Mirrors – manual telescoping trailer tow mirrors with manual glass
- MyKey
- Oil life minder (gasoline engine)
- Outside temperature display

(continued on next page)

NOTE: The above information is an excerpt to be used with pages 3–4 of the 7/1/11 F-250/F-350/F-450 Pickup Dealer Ordering Guide. For the latest Dealer Ordering Guide, go to **fmcdealer.com**.

F-250/F-350/F-450 Super Duty Pickups
Model Lineup

2012

XL cont'd — *Standard model*

Flexibility cont'd

- Overhead console with dual storage bins and map lights (SuperCab and Crew Cab)
- Pickup box – partition and stackable inserts
- Powerpoint – auxiliary (2) in instrument panel
- Safety belts
  - Belt-Minder chime and flashing warning light on instrument cluster if driver safety belt is not buckled
  - Manual, color-coordinated with height adjustment (front outboard seating positions only)
- Scuff plates – color-coordinated
- Seats – front, HD vinyl, 40/20/40 split bench with center armrest, cup holder and storage (manual lumbar – driver side), front center seat includes integrated restraint
- SecuriLock passive anti-theft ignition
- SOS Post-Crash Alert System
- Steering wheel – black vinyl, with tilt/telescoping steering column and 3-button Message Center control
- Stop light – center high-mounted
- Sun visors – color-coordinated vinyl, single driver with pocket, single passenger with mirror insert
- Tailgate – removable with key lock, black handle and tailgate assist
- Tie-down hooks – pickup box (4 with 6.75' box; 6 with 8.0' box)
- Tire Pressure Monitoring System (TPMS) (SRW models)
- Traction Control, engine-only (DRW models)
- Trailer Sway Control
- Underhood service light
- Wheels
  - F-250/F-350 SRW – 17" argent painted steel with painted hub covers/center ornaments
  - F-350 DRW – 17" argent painted steel (hub covers/center ornaments not included)
  - F-450 – 17" forged aluminum
- Window – rear, fixed with solar glass
- Windshield wipers – interval control

XLT — *Includes all XL content, plus:*

Flexibility

- 2nd-row underseat locking storage with powerpoint (Crew Cab only)
- Air conditioning vents – black with chrome ring
- Audio
  - AM/FM stereo/digital clock, single-CD/MP3 player and 4 speakers
  - Auxiliary audio input jack
- Bumper – front and rear chrome
- Cruise control (steering wheel-mounted)
- Door trim – soft armrest/grab handle, upper and lower map pockets and reflector
- Floor covering – color-coordinated, full carpet
- Floor mats – color-coordinated carpet
- Grille – chrome surround with medium platinum insert
- Mirrors – manual telescoping trailer tow mirrors with power heated glass
- Power equipment – driver window, door locks and windows with backlit switches and accessory delay
- Remote Keyless Entry and perimeter anti-theft alarm
- Seats – front, high series cloth 40/20/40 split bench, 20 percent center under-seat locking storage with center armrest, cup holder and storage
  - 4-way adjustable driver and front passenger head restraints
- Sun visors – color-coordinated vinyl, single driver with covered mirror, single passenger with covered mirror
- Trailer Brake Controller
- Wheels
  - F-250/F-350 SRW – 17" cast aluminum with bright hub covers/center ornaments
- Windows – rear privacy glass

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RE&T: 2012 Source Book

2012 F-250/F-350/F-450 Super Duty Pickups

Model Lineup

Lariat — *Includes all XLT content, plus:*

Performance/Handling

- Electronic Shift-On-the-Fly (ESOF) (4x4 only)

Flexibility

- 110V/150W inverter outlet located at rear of center console
- 5" chrome tubular step bar (F-350 DRW/F-450)
- Air conditioning – Dual-zone Electronic Automatic Temperature Control
- Autolock, Auto unlock, Autolamp/Rainlamp
- Door trim – soft armrest/grab handle, Dark Foundry window switch bezel, upper appliqué, upper and lower map pockets and reflector
- Fog lamps
- Handles – door, body-color
- Instrumentation – driver-configurable enhanced information 4.2" LCD screen display includes menus for Gauge Setup, Trip Computer, Fuel Economy and Towing Off-Road applications and five-button message control on steering wheel
- Mirror – rear view, electrochromic self-dimming
- Mirrors — PowerScope trailer tow mirrors
- Power adjustable pedals
- Premium AM/FM stereo with digital clock, single-CD/MP3 player, 8 speakers and subwoofer
- Reverse Sensing System
- Seats
  - Front, premium leather seating surfaces, 40/console/40 split bench
  - 10-way power driver and front passenger seats (6-way power adjustable track, 2-way power recline and 2-way power lumbar)
- SecuriCode Keyless Entry Keypad
- SiriusXM satellite radio
- Steering wheel – color-coordinated leather-wrapped with redundant audio and SYNC controls
- Sun visors – color-coordinated vinyl, single driver with map strap and covered lighted mirror, single passenger with covered lighted mirror
- SYNC (microphone integrated in headliner)
- Wheels
  - F-250/F-350 SRW – 18" bright machined aluminum wheels with bright hub covers/center ornaments
  - F-350 DRW – 17" premium forged aluminum wheels with bright hub covers/center ornaments
- Window – rear, power sliding, privacy glass with defrost

King Ranch (Crew Cab 4x2/4x4 only) — *Includes all Lariat content, plus:*

Flexibility

- 6" angular lighted, painted running board
- Accent-color front bumper
- Accent-color lower bodyside moldings
- Accent color rear step bumper with step pad
- Accent-color wheellip molding
- Body-color mirror caps on PowerScope mirrors
- Grille painted body-color with chrome insert
- Lower accent two-tone paint
- Memory power adjustable pedals
- Rear View Camera
- Remote start system
- Seats
  - Easy-entry/easy-exit memory feature
  - Unique King Ranch Chaparral leather seating surfaces front 40/console/40 with matching 60/40 rear bench
  - Heated and cooled
  - Memory 10-way power adjustable driver seat and power adjustable passenger seat
- Unique accent-color box top/tailgate moldings
- Unique door trim panels with King Ranch Chaparral leather insert and woodgrain appliqué
- Unique front and rear floor mats with King Ranch logo
- Unique King Ranch Chaparral leather-wrapped steering wheel with SYNC controls
- Unique King Ranch fender badges
- Universal garage door opener
- Wheels – unique King Ranch center cap

NOTE: The above information is an excerpt to be used with pages 3–4 of the 7/1/11 F-250/F-350/F-450 Pickup Dealer Ordering Guide. For the latest Dealer Ordering Guide, go to **fmcdealer.com**.

Optional Equipment

	XL	XLT	Lariat	King Ranch
Performance/Handling				
6.7L OHV Power Stroke Diesel V8/TorqShift 6-spd. auto. (standard on F-450) (B20 capable)	O	O	O	O
CNG/LPG Fuel-Capable Engine (F-250/F-350 only)	O	O	O	O
Electronic shift-on-the-fly — 4x4 (auto-manual locking hubs and rotary control I/P; required with center console)	O	O	S	S
LT245/75R17E BSW A/T (5) – (F-250/F-350 SRW) (7) – (F-350 DRW/F-450)	O	O	O	—
LT245/75R17E OWL A/T (4) (inner and spare BSW A/T) (F-350 DRW/F-450)	—	O	O	—
LT265/70R17E OWL A/T (4) (spare tire – A/T BSW) (F-250/F-350 SRW)	O	O	—	—
LT275/65R18E BSW A/S (5), 4x2 – (F-250/F-350 SRW)	O	O	S	—
LT275/70R18E BSW A/T, 4x4 – (spare is A/T) (F-250/F-350 SRW)	O	O	O	—
LT275/70R18E OWL A/T (4), 4x4 – (spare tire – A/T) (F-250/F-350 SRW)	—	O	O	S
LT275/65R20E OWL A/T — (spare is LT275/70R18E BSW A/T) (F-250/F-350 SRW) (Diesel engine only)	—	O(2,3)	O	O
Operator Commanded Regeneration (OCR) (reqs. 6.7L Power Stroke diesel; NA with XLT Premium Pkg.)	O	O	—	—
Quality/Reliability/Durability				
Dual alternators (requires 6.7L Power Stroke diesel engine; total of 357 amps)	O	O	O	O
Extra heavy-duty alternator (200 amps; requires 6.7L Power Stroke diesel engine; req. with Rapid Heat Supplemental Cab Heater; requires upfitter switches, NA with dual alternators, Pickup Box Delete or Snowplow Prep Pkg.)	O	O	O	O
Spare tire, wheel and jack (requires 66D Pickup Box Delete) (F-250/F-350 only)	O	O	—	—
Flexibility				
17" cast aluminum wheel — 5-spoke with bright hub covers/center ornaments (4) (F-250/F-350 SRW) (after November 1)	O	S	—	—
17" forged polished aluminum wheel (4) (req. on XLT with Chrome Pkg.) (F-350 DRW) (standard F-450)	—	O	S	S
18" argent painted steel wheel (4) (F-350 SRW)	O	—	—	—
18" cast aluminum wheel w/bright hub covers/center ornament (F-250/F-350 SRW)	—	O	—	—
20" premium cast aluminum wheel w/bright hub covers/center ornament (4x4 F-250/F-350 SRW only) (Diesel engine only)	—	—	O(2,3)	O
Audio:				
AM/FM stereo/single-CD/MP3 player/clock with 4 speakers (optional on F-450 XL only; Fleet-only option on F-250/F-350 XL)	O/P	S	—	—
SiriusXM satellite radio (NA w/Radio Delete, Navigation System or AM/FM stereo/clock)	—	O	S	S
Voice-activated Navigation System with SiriusXM Traffic and SiriusXM Travel Link and HD Radio™, (requires Rear View Camera) (Late availability, winter 2012)	—	—	O/P	O
Bodyside molding (NA w/Pickup Box Delete) (SuperCab and Crew Cab SRW only)	—	O	O	—
Chrome Package	—	—	O	—
Engine block heater (standard in the following U.S. states: AK, CO, IA, ID, ME, MI, MN, MT, ND, NH, NY, SD, VT, WI and WY)	O	O	O	O
Engine Idle Shutdown (available with 6.7L diesel with automatic transmission; NA with Reverse Sensing System or Navigation System)	O	O	—	—
Floor mats, all-weather (NA w/Carpet Delete) (deletes carpeted mats)	—	O	O	O

(1) Regular Cab. (2) SuperCab only. (3) Crew Cab only.

S = Standard O = Optional F = Fleet Only option P = Package — = Not available

NOTE: The above information is an excerpt to be used with pages 9–12 of the 7/1/11 F-250/F-350/F-450 Pickup Dealer Ordering Guide. For the latest Dealer Ordering Guide, go to **fmcdealer.com**.

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Optional Equipment cont'd

	XL	XLT	Lariat	King Ranch
Flexibility cont'd				
Ford Work Solutions				
Crew Chief Telematics powered by Telogis®	O	O	O	O
Cable Lock by Master Lock™	O	O	O	O
King Ranch with Chrome Package	—	—	—	O
Lariat Interior Package	—	—	O	—
Lariat Ultimate Package	—	—	O(3)	—
Lower accent two-tone paint (includes wheellip moldings)	—	—	O	S
Manual telescoping trailer tow mirrors w/power heated glass and convex spotter mirror, integrated clearance lamps/turn signals (XL requires Power Equipment Group)	P	S	—	—
Pickup Box Delete (8' box only)	O	O	—	—
Power Equipment Group	O	S	S	S
Power moonroof (incl. map lights and moonroof switches)	—	—	O(3)/P	O
PowerScope power-telescoping, power-folding trailer tow mirrors w/power heated glass and convex spotter mirror and integrated clearance lamps/turn signals	—	O	S	S
Radio Prep Package	O	O	—	—
Rapid-heat supplemental cab heater (requires 6.7L diesel engine, extra heavy-duty alternator or dual alternators and air conditioning)	O	O	O	O
Rear View Camera (XLT requires XLT Interior Package; NA with Pickup Box Delete)	—	O	O/P	S
Remote start system (requires Power Equipment Group; NA with Air Conditioning Delete)	O	O	P	S
Reverse Sensing System (NA w/Pickup Box Delete or engine idle shutdown)	F	O	S	S
Roof clearance lights (standard on F-350 DRW and F-450)	S/O	S/O	S/O	S/O
Running board — 6" angular molded-in-color black (standard on F-350 DRW/F-450)	S/O	S/O	—	—
Seats:				
Cloth 40/20/40 split bench	O	—	—	—
Vinyl 40/mini-console/40	O(1)	—	—	—
Cloth 40/mini-console/40	O	—	—	—
Luxury Cloth 40/Console/40 (with 6-way power driver)	—	O(2,3)	—	—
Leather 40/20/40 split bench	—	—	O	—
Sliding rear window — manual, privacy glass	F	O(1)	—	—
Sliding rear window — power, privacy glass with defrost (includes illuminated driver and passenger sun visor mirrors)	—	O(2,3)	S	S

(1) Regular Cab. (2) SuperCab only. (3) Crew Cab only.

S = Standard O = Optional F = Fleet Only option P = Package — = Not available

NOTE: The above information is an excerpt to be used with pages 9–12 of the 7/1/11 F-250/F-350/F-450 Pickup Dealer Ordering Guide. For the latest Dealer Ordering Guide, go to **fmcdealer.com**.

Optional Equipment cont'd

	XL	XLT	Lariat	King Ranch
Flexibility cont'd				
Steering wheel audio controls (requires SYNC)	O	O	—	—
Step bar — 5" chrome tubular (Std. on F-350 DRW/F-450 Lariat)	—	O(2,3)	S/O	O
Stowable bed extender (NA with DRW)	—	O	O	O
SYNC (requires steering wheel audio controls, XL Value Pkg. on XL and XLT Interior Package on XLT)	O	O	S	S
Tailgate step (incl. tailgate assist, step and handle)	O	O	O	O
ToughBed (spray-in bedliner; incl. tailgate guard and black bed attachment bolts; NA with Pickup Box Delete)	O	O	O	O
Universal garage door opener	—	—	O	S
Upfitter switches (4) — Located on I/P (6.7L Diesel requires extra heavy-duty or dual alternator)	O	O	O	O
XL Value Package	O	—	—	—
XLT Interior Package	—	O	—	—
XLT Premium Package	—	O(2,3)	—	—
XLT Value Package	—	O	—	—
Capability				
10,000-lb./9900-lb. (10,000-lb. — F-350 only/9900-lb. — F-250 only) GVWR Package	O	O	O	O
5th-wheel/Gooseneck Hitch Prep Package (both 6.75' and 8' boxes); NA with Stowable Bed Extender or bed mat) (incl. 7-pin connector in box)	O	O	O	O
Camper Package	O	O	O	O
FX4 Off-Road Package (4x4 only)	O	O	O	O
Heavy Service Package for Pickup Box Delete (requires Pickup Box Delete)	O	O	—	—
Heavy Service Front Suspension Package	O	O	O	O
Snowplow Prep Package	O	O	O	O
Trailer Brake Controller (verified to be compatible w/electrically actuated drum brakes and certain Electric-Over-Hydraulic (EOH) actuated drum or disk brake systems; deletes trailer brake wiring kit included w/Std. Trailer Tow Pkg. on pickups; deletes Trailer Tow Pkg. w/Pickup Box Delete) (standard on DRW)	S/O	S	S	S
Transmission Power Takeoff Provision (requires 6.7L Power Stroke diesel engine; includes transmission-mounted live drive and stationary mode PTO)	O	O	O	O
LPO/Fleet Options				
Adjustable pedals	—	F/P	S	—
Air Conditioning Delete	F	—	—	—
Carpet Delete	S	F	—	—
Cruise control	F	—	—	—
Daytime running lamps	F	F	F	F
Frontal Passenger and Side Airbags/Curtains Delete (must put in Delete column in CONCEPS; valid with Fleet FIN code)	F	—	—	—
Mirrors — black, manual foldaway side mirrors (deletes manual telescoping trailer tow mirrors with manual glass)	F	—	—	—
AM/FM stereo/single-CD/MP3 player with 4 speakers (optional on XL F-450 only; Fleet only on XL F-250/F-350)	O/F	—	—	—
Radio Delete	F	—	—	—
Rear View Camera (incl. electrochromic mirror with video; XLT requires XLT Convenience Pkg.; NA with Pickup Box Delete)	F	O	O/P	S
Side Airbags/Curtains Delete (must put in Delete column in CONCEPS; valid with Fleet FIN code)	F	—	—	—
Skid Plates — transfer case and fuel tank (4x4 only)	F	F	F	F
Spare Tire Delete (also deletes jack and frame-mounted carrier)	F	—	—	—
SYNC (Requires AM/FM stereo/single-CD/MP3 player and steering wheel audio controls)	F	—	—	—
TPMS delete (optional on F-350 SRW over 10K GVWR)	F	F	F	—
XL Décor Group	F	—	—	—

(1) Regular Cab only. (2) SuperCab only. (3) Crew Cab only.

S = Standard O = Optional F = Fleet Only option P = Package — = Not available

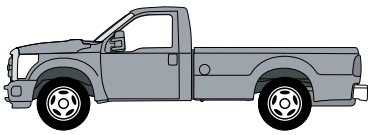
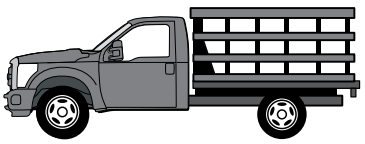
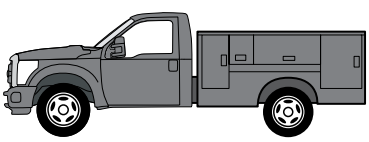
NOTE: The above information is an excerpt to be used with pages 9–12 of the 7/1/11 F-250/F-350/F-450 Pickup Dealer Ordering Guide. For the latest Dealer Ordering Guide, go to **fmcdealer.com**.

F-250/F-350/F-450 Super Duty Pickups

Vocational Segmentation

Recreational/Vocational Segmentation

The Super Duty Customer
Commercial These buyers need trucks that are able to do a specific job. Their reasons for buying may be just as specific, for example: • A functional and dependable vehicle • Low operating cost • High power and torque requirements Commercial customers are expected to make up about 20 percent of the Super Duty market. Super Duty Pickups offer these buyers a variety of weight classes, heavy-duty suspensions, powerful powertrains and a number of heavy-duty options.
Small Business This category includes single-vehicle owners/operators or those with fewer than five vehicles. Many of these buyers are "mixed use" operators, meaning that they use their vehicles for both business and personal purposes. Small-business customers are expected to account for about 30 percent of the Super Duty market. Because their work trucks may also double as family vehicles, these buyers may be especially interested in comfort and convenience features.
Heavy-duty Recreational These customers want a truck with enhanced towing capabilities for a large travel trailer, multi-horse trailer or heavy boat. They're also looking for trucks that can be used as campers. These buyers are expected to make up about 50 percent of the Super Duty market. Because of their special requirements for towing, off-road use or extra passengers, these buyers may be especially interested in four-wheel drive, dual-rear-wheel models or the 4-door SuperCab or Crew Cab.

F-250/F-350/ F-450 Super Duty Pickups	Personal	Retail Owner/Operator 
	Commercial	Contractor/ Tradesman 
	Box Delete	Stake/Platform 
		Service/Utility 

Commercial Account Programs

For commercial customers, buying an F-250/F-350/F-450 Super Duty Pickup is a big investment. The Ford Motor Company New Vehicle Limited Warranty and optional Ford Motor Company Extended Service Plans will help protect the value of their investment and reinforce their purchase decision.

- Commercial customers choosing an F-Series Super Duty Pickup have access to qualified service technicians available beyond the standard 9-to-5 business day

Ford Motor Company Business Preferred Network (BPN)

- Participating BPN dealerships are supported by a dedicated training curriculum for sales, parts and service, and finance roles
- Programs supporting BPN include Quality Fleet Care, Commercial Service Plus, National Fleet Parts Pricing, Ford Extended Service and Maintenance Plans for fleets, and more
- For more information, visit **bpn.dealerconnection.com** or call **888-276-4088**

FordParts.com

- Provides parts support 24/7
- Features national "Rapid Referral" and FedEx shipping
- For more information, visit **FMCDealer.com**
  - Click on *Parts Wholesaling* under *Parts & Service* tab

F-250/F-350/F-450 Super Duty Pickups

Performance/Handling

Key Messages
• Customers demand performance and Super Duty is a solid investment for their commercial, small business and heavy-duty recreational needs
• The 6.7L Power Stroke V8 turbo diesel engine with B20 biodiesel capability is Ford-designed, Ford-engineered, Ford-built and Ford-tested to deliver best-in-class(1) horsepower, torque and fuel efficiency
• The 6.2L V8 gasoline engine is Flex Fuel (E85) capable and also Ford-designed, Ford-engineered, Ford-built and Ford-tested to deliver best-in-class(1) horsepower, torque and fuel efficiency
• Heavy-Duty TorqShift 6-speed SelectShift Automatic transmission with Manual Mode, Tow/Haul Mode and Progressive Range Select
• Live Drive Power Takeoff (PTO) allows upfitters to provide power accessories in mobile or stationary vehicle modes

Powertrain Combinations

Engine/Transmission	Horsepower (SAE net @ rpm)	Torque (lb.-ft. @ rpm)
6.2L 2V SOHC V8/(E85/Flex Fuel) Heavy-Duty TorqShift 6-speed SelectShift Automatic with Tow/Haul Mode	385 @ 5500(1) 316 @ 4179(2)	405 @ 4500(1) 397 @ 4179(2)
6.7L Power Stroke V8 turbo diesel/(B20 capable) Heavy-Duty TorqShift 6-speed SelectShift Automatic with Tow/Haul Mode	400 @ 2800	800 @ 1600

(1) Under 10K GVWR.
(2) Over 10K GVWR.

Gasoline Engine

6.2L 2V SOHC V8

- Flex Fuel (E85) capability
- Large-bore architecture
  - – Helps improve engine breathing with larger intake and exhaust valves
  - – Allows for a shorter stroke design for faster engine speeds (higher engine rpm) and increased horsepower
- Single overhead cam (SOHC) valvetrain with roller-rocker shafts allow for optimized camshaft design to help provide low-speed torque delivery
- SOHC valvetrain optimizes intake and exhaust port layout and helps improve engine breathing
- Dual-equal variable cam timing optimizes the opening and closing of the intake and exhaust valves during the combustion cycle for a balance of power, fuel efficiency and emissions
- ***Fail-safe cooling system***
- Two spark plugs per cylinder help:
  - – Efficiently burn the air/fuel mixture in each cylinder to help increase torque delivery and fuel efficiency
  - – Maintain a smooth idle quality
- Dual knock sensors
  - – Allow the spark timing of each cylinder to be optimized in real time throughout the engine speed range
- Efficient engine crankcase breathing helps improve torque capability at higher engine speeds
- Piston cooling jets
  - – Squirt oil on the underside of each piston to help lower the operating temperature of the pistons, especially under heavy-duty operating conditions
- Organic Acid Technology (OAT) orange engine coolant
- Electronic throttle control
- Oil life minder

MAKE THE POINT: 6.2L V8 Gasoline Engine
The 6.2L SOHC V8 is a higher-revving engine that offers outstanding performance and durability. Some customers may notice or comment that this engine may seem to rev higher than previous Super Duty gasoline engines under certain driving conditions. Assure the customer that this is a normal characteristic of the wide operating range this engine delivers, which helps Super Duty offer exceptional payload and towing capability.

(1) Class is full-size pickup trucks over 8500 lbs. GVWR.

Gasoline Engine cont'd

MAKE THE POINT: Flex Fuel (E85) Capability

The 6.2L V8 offers Flex Fuel (E85) capability. This allows the engine to operate on E85 fuel — a blend of 85 percent ethanol fuel and 15 percent unleaded gasoline. The 6.2L V8 can run on E85 fuel, regular unleaded gasoline or any combination of the two. It's important to note that while operating on E85, the 6.2L V8 will also deliver measurably less fuel economy. This is normal, since E85 has less energy as a fuel, it takes more E85 to make the same power as unleaded gasoline.

Why it's important

The primary benefits of E85 fuel are that it's made from renewable resources to help lower our dependence on imported oil and lower greenhouse gas emissions.

Oil Life Minder

- Displays the remaining oil life in the instrument cluster Message Center
- An oil change is required whenever indicated by the Message Center and according to the recommended maintenance schedule
- Refer customers to the Maintenance Schedule in the Owner Guide for additional information

CNG/LPG-Fuel Capable Engine (98F)

- Available only on 6.2L V8 gasoline engine
- Includes:
  - Hardened engine intake valves and valve seats
  - Bi-fuel manifold

NOTE: This package does not include CNG/LPG fuel tanks, lines, etc. Vehicle will be equipped with the standard factory gasoline fuel system. Additional equipment combined with Certified calibration flash is required, from an external upfitter, to convert the vehicle to a CNG/LPG-fueled vehicle.

Ford Motor Company does not provide an exhaust or evaporative emissions certificate with this option when converted to use CNG or LPG fuel. Ford does not represent that a vehicle converted to use CNG or LPG will comply with all applicable U.S. or Canadian safety standards. It is the responsibility of the final stage manufacturer (body-builder, installer, alterer or subsequent stage manufacturer) to determine that any vehicle converted to use CNG or LPG complies with U.S. Federal, California or Canadian exhaust and evaporative emission requirements, Federal fuel economy standards, U.S. and Canadian safety standards, labeling and any other requirements.

MAKE THE POINT:
Organic Acid Technology Engine Coolant

Customers should know all Super Duty Pickups (gasoline engine and diesel engine equipped) feature Organic Acid Technology (OAT) engine coolant. The most obvious trait of the engine coolant is the orange color, but there are key maintenance items the customer should be made aware of:

- OAT coolant should be replenished at 105,000 miles, under normal operating conditions
- Antifreeze and anti-corrosion protection of the coolant and hoses should be inspected every 15,000 miles
- Mixing any other traditional engine coolants will greatly reduce the operating characteristics of the OAT engine coolant or may cause engine damage which could jeopardize provisions of the engine warranty



Diesel Engine

6.7L Power Stroke V8 Turbo Diesel

- The cleanest Power Stroke diesel engine ever
- Ford-engineered, Ford-tested and Ford-built
- Biodiesel capability up to B20
  - Designed to handle a mixture of up to 20 percent biodiesel by volume and 80 percent petroleum diesel fuel
  - Biodiesel of ASTM D7467 Grade S15 (15 ppm sulfur maximum) should be used
- Compacted graphite iron (CGI) deep-skirt engine block and aluminum cylinder heads help reduce weight while maintaining maximum strength for the horsepower and torque capacity of the Power Stroke V8
  - First North American use of CGI in a Super Duty-class vehicle
  - CGI is stronger than traditional cast iron
- Aluminum cylinder heads
  - Help reduce weight
  - Feature dual water jackets for optimal cooling and increased strength
  - Six-head-bolt design helps improve sealing and maintain cylinder integrity
- Unique inboard exhaust design
  - An automotive industry first for a modern production diesel engine
  - Helps reduce exhaust system volume and heat transfer to the engine compartment
  - Helps improve throttle response
  - Helps improve NVH (Noise, Vibration and Harshness) characteristics
- Single-sequential turbocharger
  - Includes an industry-first double-sided compressor wheel mounted on a single shaft
  - Combines the advantages of a twin-turbocharged system (fast throttle response) and a large turbocharged system (ability to compress and force air into the engine for more power) into one unit
  - Provides up to 30 psi of boost
  - Features a center-mounted pedestal design at the rear of the engine to help improve NVH characteristics and access for service
- High-pressure common-rail fuel injection
  - Utilizes piezo injector technology to deliver fuel at 30,000 psi
  - Delivers up to 5 fuel injections per combustion cycle for optimum throttle response, fuel efficiency and NVH characteristics
  - Delivers quiet operation throughout the entire rpm range (similar to gasoline-engine noise levels)
  - Helps the Power Stroke V8 meet the latest diesel emissions standards
- Instant-start glow plugs help provide quick engine starts, even in the extremely cold conditions
- Structural oil pan bolts to the engine block and transmission to help improve powertrain stiffness
- Organic Acid Technology (OAT) orange engine coolant
- Intelligent Oil Life Monitor

MAKE THE POINT: Power Stroke Turbocharging Basics

Turbocharger

A turbocharger (or turbo for short) uses the engine's exhaust gases to spin a turbine, which in turn drives a compressor to force more air into the engine. Increasing the airflow allows more power to be generated. A turbo consumes very little power under light loads or easy engine use and allows smaller engines to generate the power of a larger displacement. When extra power is needed, the turbo spins into action.

Turbo Lag

This is the time it takes for the turbocharger to spin after the driver steps on the accelerator. This delay can be caused by the turbo having to wait for the exhaust gas to spin the turbine and drive the compressor. Another factor in lag is the size of the turbo. Bigger turbos make more power, but take longer to respond. In the past, the typical solution was to use two smaller turbos for faster response. However, this approach added the cost and complexity of two turbos, and generated twice the heat.

The Innovative Power Stroke Approach

The 6.7L Power Stroke uses a single-sequential turbocharger design. Instead of two separate turbos, a single-sequential turbo places two compressors back-to-back on a common shaft in a single housing.

The Power Stroke Benefit

This design allows the system to have a response time similar to a twin-turbo package, while reducing cost, weight, complexity and underhood heat.

Diesel Engine cont'd

Engine Idle Shutdown (63T)

- Engine Idle Shutdown is optional on 6.7L Power Stroke turbo diesel engines but is not required since the 6.7L engine meets all California emissions states emissions requirements. Some customers may still want this option to take advantage of any associated fuel efficiency or maintenance benefits.
- Not available with:
  - Lariat model
  - Reverse Sensing System
  - Navigation System

Engine Idle Shutdown Operation

- After a predetermined period, the engine Powertrain Control Module automatically shuts down the engine and triggers the accessory module to shut down power to the accessories to minimize battery drain
- Primarily helps reduce diesel fuel consumption and diesel exhaust emissions
- Also helps improve overall fuel economy and reduce operating and maintenance costs
  - A diesel engine idling for an hour uses as much fuel as if the vehicle had been driven 7 miles, on average
  - And when it comes to maintenance, that same engine idling for an hour causes as much wear as if the vehicle had been driven 25 miles
- Improved overall fuel economy and reduced maintenance costs are just a couple of benefits Engine Idle Shutdown offers — even if not required by government regulation

Engine Cooling

- Large radiator allows the Power Stroke engine to endure extremes of hard use
- Large water pump with 125 gallons per minute flow rate keeps engine coolant circulating

Organic Acid Technology (OAT) Engine Coolant

- The most obvious trait of the engine coolant is the orange color
- There are key maintenance items the customer should be made aware of:
  - OAT engine coolant should be replaced at 105,000 miles, under normal operating conditions
  - Antifreeze and anti-corrosion protection of the coolant and hoses should be inspected every 15,000 miles
  - Mixing any other traditional engine coolants will greatly reduce the operating characteristics of the OAT engine coolant or may cause engine damage which could jeopardize provisions of the engine warranty

Intelligent Oil Life Monitor

- 6.7L-equipped vehicles incorporate an advanced Intelligent Oil Life Monitor that calculates engine oil service intervals based on vehicle use as well as a number of other vehicle operating parameters
- As an oil service interval nears, the instrument panel Message Center will display a ENGINE OIL CHANGE SOON warning
- When an oil service is required, the instrument panel Message Center will display OIL CHANGE REQUIRED
- Refer customers to the Diesel Owner Guide Supplement for more information
- Failure to perform scheduled maintenance as specified in the Scheduled Maintenance Guide may invalidate warranty coverage on parts affected by the lack of maintenance

Diesel Engine Emissions

Overview

- The combustion system is the heart of the 6.7L Power Stroke V8 turbo diesel engine and reflects how Ford engineers achieved a balance of power, fuel efficiency and reduced emissions
- The key factor to the more-stringent 2010 federal emissions standards is over 80 percent reduction in the emission of nitrogen oxides (NOx)
- To help reduce NOx levels, the Power Stroke burns cleaner in large part because of the design of the Exhaust Gas Recirculation (EGR) system
- In addition, there is a three-step aftertreatment system utilizing a Diesel Oxidation Catalyst (DOC), Selective Catalytic Reduction (SCR) using Diesel Exhaust Fluid (DEF) and Diesel Particulate Filter (DPF) as the key components
- This system works in harmony to reduce the NOx levels within the latest federal standards — making the 6.7L Power Stroke the "cleanest" Ford Power Stroke diesel engine ever

Power Stroke Emissions Strategy

- Allows the engine to operate with a leaner fuel mixture than previous Power Stroke engines
- A leaner fuel mixture has less fuel and more air
- Leaner burning engines produce less particulate emissions
- Less particulate emissions result in less frequent DPF regeneration
- Less frequent regeneration helps improve overall engine fuel efficiency

Exhaust Gas Recirculation (EGR)

- Recycles combustion gases in the exhaust system as the first defense against NOx
- A two-step cooling process allows the EGR to recycle exhaust gases into the intake at a much lower temperature
- A cooler temperature means a higher efficiency in recycling the exhaust gases and less oxygen in the mix
- Less oxygen helps reduce the formation of NOx in the exhaust

Diesel Oxidation Catalyst (DOC)

- The first step in the exhaust aftertreatment process and could be referred to as the cleaning and heating step
- Converts and oxidizes hydrocarbons into water and carbon dioxide
- Provides and promotes heat into the exhaust system to help increase the conversion efficiency

Selective Catalytic Reduction (SCR)

- The second step in the exhaust aftertreatment process, primarily where NOx is removed from the exhaust stream
- Located between the DOC and the DPF in the exhaust system
- Uses a liquid chemical reactant, Diesel Exhaust Fluid (DEF)
- DEF Dosing Module sprays a fine mist of DEF into the exhaust stream to react with the NOx in the exhaust as it passes through the SCR Catalyst
  - When heated, DEF splits into ammonia and carbon dioxide
- These molecules are atomized and vaporized and evenly distributed into the exhaust flow
- Once the DEF solution is combined with the exhaust flow, chemical reactions convert the ammonia and NOx into water and harmless nitrogen

Diesel Engine Emissions cont'd

MAKE THE POINT: SCR Competitive Advantages

The Selective Catalytic Reduction (SCR) has strong advantages over the competitive lean NOx trap system, similar to what a customer would find in a Ram Pickup truck.

Lean NOx Trap

- Diesel engines normally operate with an excess ratio of air-to-fuel (also known as "lean" operation)
- A Lean NOx Trap (also known as a NOx Adsorber Catalyst) chemically traps the NOx in the exhaust on the surface of the catalyst during lean engine operation
- As the surface of the trap becomes full, the system triggers the engine to run rich (increases the fuel-to-air ratio) to clean the trap

SCR Advantages

- Designed for greater fuel efficiency compared to Lean NOx Trap
- Lean NOx Trap systems constantly cycle between a lean and a rich fuel mix, which consumes more fuel than an SCR system
- Lean NOx Traps also trap the sulfur in diesel fuel and can become clogged, requiring a higher temperature regeneration to remove the sulfur from the trap
- It's expected that in the future all OEMs will rely on this technology

ENGINEERING INSIGHT

Absorber vs. Adsorber

What's an Absorber?

We're all familiar with something that absorbs: a sponge. A sponge soaks up (absorbs) a liquid from the outside and stores the liquid internally until full. Once the sponge is full, it stops absorbing and can only take on additional liquid if drained (squeezed).

What's an Adsorber?

An adsorber, on the other hand, attracts and holds particles on an outer surface — similar to a pleated filter on a vacuum cleaner, a furnace filter or charcoal granules in a vapor canister.

Diesel Engine Emissions cont'd

Diesel Exhaust Fluid (DEF)

- A solution comprised of 32.5 percent high-purity urea and 67.5 percent demineralized water
- The urea in the solution breaks down into ammonia when injected into the exhaust stream
- DEF is clear, nontoxic and safe to handle
- Stored in a 5-gallon reservoir tank located near the fuel tank
  - DEF tank, supply module and supply line are heated to help prevent the freezing of DEF and keep it in a liquid state
  - DEF tank includes temperature and fluid level sensors
- DEF tank fill is located next to the diesel fuel filler
- DEF is widely available in 1- and 2.5-gallon bottles

ENGINEERING INSIGHT

Diesel Exhaust Fluid (DEF)

Storage of DEF

- DEF is over 60 percent water, which means the fluid is temperature sensitive
- DEF has a freezing point of 12 degrees F (-11 degrees C) and should not be stored at or below this temperature
- Storing DEF at temperatures higher than 86 degrees F (30 degrees C) can reduce shelf life
- The urea in DEF starts to decompose (breaks down) into ammonia at temperatures above 122 degrees F (50 degrees C), so care should be taken using DEF in hot environments

Operational Characteristics of DEF

- DEF expands when it freezes; however, DEF tanks and packaging are designed to allow for expansion of the fluid
- The SCR system allows the vehicle to start without urea flowing (DEF frozen)
- After the vehicle is started, the heated reservoir, supply module and supply line will cause the fluid to thaw and resume flow through the system

DEF Maintenance

- DEF must be replenished in order to maintain operation of the vehicle
- Failure to refill the DEF tank will result in reduced engine speeds as the tank approaches empty and eventually forced engine idle when the tank is depleted
- The system includes a number of audible warnings and cluster messages beginning at approximately 800 miles before the tank is empty to notify the driver of the current DEF tank status
- Under normal operation, the DEF should only require filling concurrent with the recommended oil change intervals
- DEF refill may be required by the operator under some conditions, depending on duty cycle and operator behavior
  - Motorcraft® DEF is widely available in 1- and 2.5-gallon bottles for customer use
  - Ford recommends using only API-certified DEF

Diesel Engine Emissions cont'd

Diesel Particulate Filter (DPF)

- The last step in the exhaust aftertreatment process and designed to scrub any remaining soot from the exhaust
  - Soot can be described as the black smoke seen in diesel exhaust
- Located in the exhaust system, after the SCR
- Periodically cleans itself through a process known as "regeneration," which is similar to a small incinerator burning off trapped particulates
  - Passive regeneration naturally burns off soot when exhaust temperatures are high enough
  - Active regeneration (forced burn-off) occurs as needed, depending on operational use

NOTE: For more specific information about the regeneration process, please refer to the Maintenance and Specifications section of the vehicle Diesel Supplement.

Operator Commanded Regeneration (OCR; 98R)

- Extra-cost feature available only on XL and XLT with base instrument cluster (requires 6.7L Power Stroke diesel engine)
- OCR allows customer to actuate a manual Diesel Particulate Filter (DPF) regeneration with the vehicle at idle
- OCR is a very specialized option requiring the customer have full knowledge of proper use and actuation — it's highly recommended the dealer and the customer review pages 56–58 of the most recent Super Duty Diesel Supplement for more information
- OCR is not recommended for general customer use, includes a $250 MSRP and is intended for unique applications where the vehicle is rarely, if at all, driven above 15–20 mph and/or experiences extended idle periods
  - Vocations where the above can occur are oil refineries, underground mining, line repair and tree trimming
  - Customers within these vocations may find it beneficial to have the option of a manual DPF regeneration during a work cycle

Diesel Engine Maintenance

Ultra Low Sulfur Diesel (ULSD) Fuel

- ULSD fuel MUST be used in the 6.7L Power Stroke diesel engine to allow the emissions control system, including the Diesel Particulate Filter (DPF), to operate properly
- ULSD fuel may be used in pre-2007 diesel engines
- Sulfur level reduced by 97 percent compared to conventional diesel from maximum of 500 parts per million (ppm) to 15 ppm

Diesel Engine Oil Requirement

- Oil that meets American Petroleum Institute (API) service category
- CJ-4 is required for the 6.7L Power Stroke diesel engine to operate properly
- CJ-4 service standard oil must be used to keep the engine warranty in effect
- CJ-4 oil may be used in pre-2007 engines

Maintenance

- It is recommended using biodiesel fuel that is no greater than 20 percent (B20) to ensure optimum fuel economy. Customers should follow the Special Service maintenance schedule if using ASTM D7467 Grade S15 biodiesel fuel
- The fuel-water separator should be drained monthly to avoid possible water in the fuel injectors
- Engine block heater should be used at temperatures below -10 degrees Fahrenheit (-23 degrees Celsius) to ensure proper engine lubrication on start-up
- CJ-4 service standard oil must be used when the engine oil is serviced
- Vehicles equipped with the 6.7L Power Stroke V8 turbo diesel engine come equipped with an Intelligent Oil Life Monitor in the instrument cluster Message Center that calculates the proper engine oil change service interval based on vehicle use. When an oil change service is needed, the Message Center will display either ENGINE OIL CHANGE SOON or OIL CHANGE REQUIRED
- Refer customers to the Diesel Engine Supplement in the Owner Guide package for more information

Maintenance Intervals

Vehicle Service	Normal Service	Special Service(1)
Oil and Oil Filter	Change as indicated in the Message Center	Change as indicated in the Message Center
Fuel Filter Replacement(2)	22,500 miles or as indicated in the Message Center, whichever comes first	15,000 miles or 600 hours, or as indicated in the Message Center, whichever comes first

(1) Operating conditions such as extended towing, long engine idle times, extended low-speed driving and off-road or dusty conditions.
(2) Change BOTH filters: mounted on top of the engine and inside the Horizontal Fuel Conditioning Module on the frame rail.

MAKE THE POINT: Measuring Fuel Economy
Remind your customer that actual fuel economy is best measured after accumulating 2000 to 3000 miles, allowing the engine to completely "break in." Whether the customer chooses to use the Average MPG function available in the Message Center or prefers to manually calculate fuel economy, emphasize that consistency in fill-up and driving habits are critical to achieving accurate fuel economy data.

Heavy-Duty TorqShift 6-speed SelectShift Automatic

Key Features

- Standard on all models
- Engineered for greater internal operating efficiency and to deliver increased fuel efficiency compared to the 5-speed TorqShift automatic transmission
- Torque converter design maximizes low-speed torque output
- Robust gear sets and a three-plate two-stage torque converter help reduce turbine noise when the converter is locked
- Large fluid pump provides superior lubrication and cooling
- High-capacity fluid filter helps extend the fluid change interval to 150,000 miles
- Pure electronic shift controls work with the Electronic Throttle Control of the engine to optimize shifts and vehicle performance and responsiveness
- Transmission can be equipped with power takeoff (PTO) port — must specify order code 62R

Manual Mode

- With the gearshift lever in **M** (Manual), the transmission offers SelectShift capability
- Driver shifts manually with a gearshift lever-mounted switches
  - Pressing the **+** button will upshift the transmission
  - Pressing the **–** button will downshift the transmission
- Sequential gear engagement does not require operating a clutch

Progressive Range Select

- Range Select mode is engaged by pressing **+/–** rocker switch on the gearshift lever
- Allows driver to reduce the range of available transmission gears while operating in Drive mode to limit the number of gears available for road and load conditions
- Message Center displays current transmission gear as well as the gears the transmission is available to shift into

Tow/Haul Mode

- Tow/Haul Mode and Tow/Haul Mode with Integrated Engine Brake (6.7L diesel only) gives drivers even greater control when traveling downhill
  - Helps reduce the use of brakes, lengthening service intervals and minimizing maintenance costs
- Helps eliminate unwanted frequency of gear shifting on steep uphill grades and allows engine braking to maintain or reduce vehicle speed and assist the driver in controlling the vehicle when descending a steep grade

Live Drive Power Takeoff (PTO) Provision

- Available on 6.7L Power Stroke V8 turbo diesel equipped vehicles only, option code 62R must be ordered to get a PTO gear and port
- Features an output linked directly to the engine crankshaft providing "live" PTO operation anytime the engine is running, regardless of vehicle speed
- Provides the capability to power PTO-driven accessories such as, dump bodies, sprayer pumps, generators, salt spreaders and snowplows with maximum flexibility
- Optional upfitter switches may be used as PTO control switch(es)

Stationary Elevated Idle Control (SEIC)

- Acts as the "throttle kicker," when increased engine speed is needed
- Consists of strategy embedded in the powertrain control module (PCM) and a set of blunt-cut wires to command it
- Selling dealer will need to obtain a PTO controller or switch from the aftermarket
- "Upfitter Switches" (66S) may have one switch dedicated for PTO usage
- Engine speeds
  - 900 to 3000 rpm (6.7L diesel engine)
- Automatically locks the torque converter, sending power to the PTO gear when the operator turns on the PTO switch
- Instructions to upfitters for completing the SEIC/PTO circuitry can be found in the Truck Body Builders Layout Book at **fleet.ford.com/truckbbas**

NOTE: See the latest Dealer Ordering Guide for availability and model restrictions.

MAKE THE POINT: 6-speed SelectShift Automatic Transmission

The standard Heavy-Duty TorqShift 6-speed SelectShift Automatic transmission with Tow/Haul Mode is designed and built with the ability to adapt operating calibrations to meet the needs of the driver and provide consistent and durable shifts throughout the life of the vehicle. Be sure to communicate to your customer that most transmission calibration adjustments are made during the first few times the vehicle is driven and that they may notice harsher transmission shifts during this time. Assure the customer this is normal and how the transmission learns and adapts to the habits of the driver and maintains optimal transmission shift point settings.

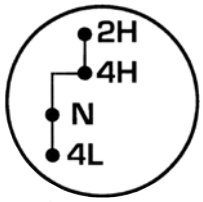
F-250/F-350/F-450 Super Duty Pickups

Performance/Handling

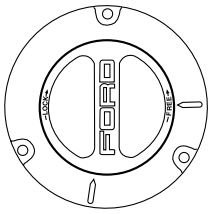
4x4 Systems

Manual Shift-On-Stop (MSOS) with Manual-locking Hubs

- Simple, reliable design that is highly regarded by serious off-roaders and those working at off-road job sites
- To engage the front axle, the operator must stop, exit the vehicle and rotate both hublock selector knobs to the LOCK position, then the desired drive range is selected on the transfer case
- Floor-mounted transfer case shift lever is used to move between available drive settings: 2H (2WD), 4H (4x4 High), N (Neutral) and 4L (4x4 Low)
- When the hublocks are returned to the FREE position, the drive axle components do not rotate while driving, which reduces wear and frictional drag



Super Duty 4x4 Manual Shift Pattern



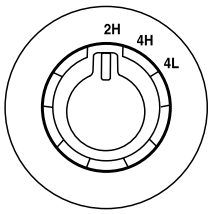
Super Duty Manual-locking Front Hub

NOTE: The vehicle should not be operated in 4H or 4L with the manual-locking hubs set in the FREE position as this could result in damage to certain driveline components. Operate the vehicle in 4H or 4L only with manual-locking hubs set in the LOCK position.

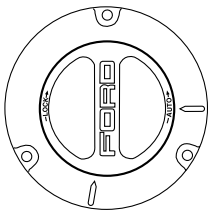
Electronic Shift-On-the-Fly (ESOF)

- Easy-to-use rotary control switch mounted in the instrument panel is used to select drive settings, eliminating the need to stop and back up to unlock the front hubs
- Electric motor shifts the transfer case into selected drive setting
- Front hublock selectors are marked with AUTO and LOCK. Manual override capability lets the driver manually LOCK hubs if preferred, but the Continuous Vacuum Hublock (CVH) design engages the front hubs, providing virtually silent operation
- CVH system optimizes fuel efficiency because all front driveline components are disconnected at the wheels when the system is in 2WD operation

NOTE: Both of these 4x4 systems are "part-time" systems designed to provide enhanced traction on reduced traction surfaces only. Operating on normal or high-traction surfaces can result in transfer case damage, increased tire wear and decreased fuel efficiency.



Dash-mounted Rotary Switch



Super Duty Automatic-locking Front Hub with Manual Override

Chassis

Proven I-Beam Front Suspension

- Used on all F-250/F-350 4x2 Super Duty Pickups
- Twin I-Beam design combines the strength of a solid I-Beam suspension with the flexibility and comfort of a fully independent suspension
- Coil springs provide a smoother ride than leaf springs without sacrificing load-carrying capacity
- Front stabilizer bars are included for improved ride and handling

Robust Twin-coil Monobeam Front Axle/Suspension

- Used on all F-250/F-350 4x4 Pickup models
- Twin-coil monobeam front suspension combined with the steering system design provides tight turning diameters and reduced parking effort
- Loaded or unloaded cornering and maneuverability are more precise
- Gives a smoother ride than a leaf-spring design

Wide-track Front Suspension

- Wide-track twin-coil monobeam front suspension from the F-450 Chassis Cab is standard on all F-450 Pickups
- Twin-coil monobeam front suspension combined with the steering system design provides tight turning diameters and reduced parking effort. Loaded or unloaded cornering and maneuverability are more precise
- Gives a smoother ride than a leaf-spring design
- Large 32mm front stabilizer bar
- Large, square axle tubes are designed to deliver improved towing performance and capability

Leaf-spring Rear Suspension

- Allows model-specific spring rates for a wide range of applications
- Gross Vehicle Weight Ratings (GVWRs) range from 9900 lbs. up to a maximum of 13,300 lbs.

Steering Geometry

- Steering gear on all Super Duty Pickups helps provide precise, responsive steering
- Symmetrical steering linkage on F-250/F-350 4x2 models helps provide solid, on-center feel and steering control

Brakes

- Excellent stopping power and brake performance
- Large vented front and rear rotors
- Large, stiff calipers
- Four-wheel Anti-lock Braking System (ABS) with excellent low-speed feel and response
- Brake pad material engineered to help provide long life, quiet operation and confident pedal feel, whether lightly loaded or at full Gross Vehicle Weight

Chassis cont'd

Dual Rear Wheels (DRW)

- Either 4x2 or 4x4 drive system
- Increase rear traction
- Improve towing stability
- Provide increased rear axle weight ratings

Electronic Locking Rear Differential

- Available on F-250/F-350 4x2 and 4x4 Single Rear Wheel (SRW) configurations
- Designed to solidly lock the rear axles and differential when the customer wants
- Controlled by an instrument-panel-mounted switch
  - Can be turned on and off as needed and engaged on-the-fly
- An electromagnetic coil activates a mechanical lock inside the rear differential housing to solidly lock the rear axle shafts together
- Locking the axle shafts together provides maximum traction capability on slippery surfaces
- Intended for off-road use only and not intended for use on dry pavement

Engine Only Traction Control

- Standard on Dual Rear Wheel (DRW) configurations
- Helps optimize available traction or limits wheel spin on slippery or loose driving surfaces
- Reduces engine power through fuel cutoff or ignition spark control
- Uses engine torque to manage wheel spin, a more precise method than brake-controlled traction systems
- Computes wheel spin from the differential and reduces torque to match the best traction available at the wheels for that terrain
- System may be disabled when it's not needed

Trailer Sway Control

- Standard on all SRW and DRW pickups
- Provides an additional layer of confidence and control when towing a trailer
- See page 42 for a complete description

ENGINEERING INSIGHT

Dual Rear Wheel Trailer Sway Control

Trailer Sway Control is standard on Pickups (SRW/DRW). Dual Rear Wheel pickups, while not equipped with AdvanceTrac, provide Trailer Sway Control function through a yaw motion sensor incorporated into the vehicle braking system that allows the vehicle to monitor for trailer sway and to respond by applying brake force to either of the front wheels or reducing engine power to help regain trailer control.

Packages

10,000-lb./9900-lb. GVWR Package (68D)

- 9900-lb. GVWR available on F-250
- 10,000-lb. GVWR available on F-350 SRW only

Camper Package (471)

Designed and engineered for pickup trucks utilizing a slide-in camper in the cargo box. Includes:

- Heavy-service front springs — 2 up with 4x2/1 up with 4x4 (1 up or 2 up spring upgrade over the spring computer-selected as standard; not applicable if maximum spring rating is computer-selected as standard equipment)
- Rear stabilizer bar (SRW)
- Auxiliary rear springs (F-250)
- Slide-in camper certification
- Not available with 20" wheels and tires, Pickup Box Delete, 3:31 axle ratio or Heavy Service Suspension Package

FX4 Off-Road Package (17X)

Designed for vehicles that will be used in off-road or rough-terrain situations. Includes:

- Hill Descent Control (SRW)
- Rancho branded shocks — colored front and rear shocks
- Skid plates for fuel tank and transfer case
- Unique "FX4 Off-Road" box decal
- Requires 4x4, all-terrain tires, electronic locking rear differential on SRW and limited-slip rear axle on DRW

Heavy Service Front Suspension Package (67H)

Recommended only for vehicles permanently utilizing aftermarket equipment such as heavy-duty winches, brush guards or other equipment which will load the front axle to the specified Gross Axle Weight Rating (GAWR). Includes:

- Heavy service front springs — 1 up spring upgrade over the spring computer-selected as standard; not applicable if maximum spring rating is computer-selected as standard equipment
- Not available with Camper Package, Snowplow Prep Package or Heavy Service Package for Pickup Box Delete (F-250)

Pickup Box Delete (66D)

An incomplete vehicle package that requires further manufacture and certification by a final stage manufacturer. This package is available only on F-250/F-350 models with the 8' box.

- Deletes:
  - 4- and 7-way combination trailer tow socket and bracket (if Trailer Brake Controller is ordered)
  - Bodyside moldings
  - Pickup box
  - Rear bumper
  - Spare tire and carrier
  - Tailgate
- Includes 17.5K trailer hitch receiver (trailer tow rating limited to the same maximum as a box-equipped vehicle)
- Not available with 20" wheels and tires or FX4 Off-Road Package
- Heavy Service Suspension Package (63R) available on F-350 SRW models

NOTE: Ford urges the final manufacturer to follow the recommendations of the Ford Incomplete Vehicle Manual and the Ford Truck Body Builder's Layout book (and applicable supplements).

Snowplow Prep Package (473)

4x4 only and designed for vehicles that will be equipped with a front snowplow. Includes:

- Preselected springs/GAWR (rating varies by model/engine; see weight ratings chart for more information)
- Extra Heavy-Duty Alternator (200-amp) with 6.7L Power Stroke diesel engine or Heavy-Duty Alternator (157-amp) with gasoline engine
- Not available with Heavy Service Front Suspension Package

2012 F-250/F-350/F-450 Super Duty Pickups

Quality/Reliability/Durability

Key Messages

- Super Duty customers depend on their trucks for their livelihood – if their truck doesn't work, they don't work
- Ford-engineered, Ford-tested and Ford-built 6.7L Power Stroke V8 turbo diesel engine is extremely quiet and has been durability tested for 250,000 miles of real-world use
- F-Series Super Duty Pickups must pass rigorous durability tests based on how customers really use their trucks
- Super Duty sets high standards for refinement and quietness

Quality

Quietness

- Quiet diesel engine operation is the result of fine-tuning to reduce diesel combustion noise and to ensure quiet, smooth operation at high and low speeds
- Class-exclusive(1) Quiet Steel®(2) dash panel — composite laminated steel sheet works with extra sound padding in the dash and floor to provide a foundation for the quiet cabin
- Sound-damping back panel improves occupants' ability to carry on a conversation
- Expandable "gull wings," inside the fenders just in front of the doors, work with the Quiet Steel dash panel to reduce unwanted road and wind noise
- Thick side glass helps minimize wind noise
- Climate control system design reduces number and size of openings in the bulkhead, improving interior quietness
- Improved instrument panel seal helps reduce powertrain noise
- Exhaust system design is tuned for refinement with a robust, tough truck sound

Reliability

Built Ford Tough Features

- "Closed-eye"-type front tow hooks are useful for pulling other vehicles out of the mud or snow; attached to the frame for strength
- Transmission fluid temperature gauge monitors the automatic transmission for optimum operation levels and reliability
- Turbo-boost gauge lets the driver know the turbo-boost from the diesel engine is within the proper levels
- Engine hour meter in the Message Center indicates the number of hours the engine has been in operation
  - This is an especially useful feature for proper vehicle maintenance
  - Standard on all models
- Air filter minder warning light on instrument panel indicates when the diesel air filter needs to be replaced for reliability and ease of maintenance on Power Stroke diesel-equipped vehicles
- Single midship fuel tank offers large capacities for excellent cruising range
  - 26.0-gallon capacity on short-wheelbase models (diesel engine)
  - 35.0-gallon (gasoline engine) or 37.5-gallon (diesel engine) capacity on long-wheelbase models

Fail-safe Cooling System

- ***Standard on all gasoline engines***
- ***Designed to help protect the engine from potential damage due to loss of coolant***
- ***If the engine overheats, the engine will switch from normal all-cylinder operation to alternating cylinder operation. The non-powered cylinders act as air pumps to help cool the powered cylinders***
- ***The vehicle will continue to operate, but with limited engine power. This allows the driver to travel a short distance to obtain service or reach a service facility***
- ***Driving distance is limited by a number of factors including vehicle load, outside temperature and road conditions***

24-Hour Roadside Assistance

- Toll-free number (1-800-241-FORD) operational 24 hours a day, every day
- Customers can request services to change a flat tire, jump-start a battery, unlock the vehicle, deliver fuel or tow the vehicle
- Available for 5 years or 60,000 miles (gasoline or diesel powertrains), whichever comes first

(1) Class is full-size pickup trucks over 8500 lbs. GVWR.
(2) Quiet Steel is a registered trademark of MSC.
(3) Distance traveled depends on vehicle load, terrain and outside temperature.

Durability

Diesel Engine Testing

- 6.7L Power Stroke V8 turbo diesel testing is a reflection of the commitment by Ford Motor Company to engineer and build this diesel engine "in-house" and to meet the needs of the Super Duty customer
- 250,000-mile durability testing is designed to identify structural fatigue points of the powertrain components by simulating the driving habits of Super Duty customers who tow heavy loads
  - Test engines spend 1,200 hours at peak torque to test the strength of the engine's internal rotating parts
- Thermal cycle testing stresses the cylinder head gaskets, engine sealing and cooling system connections
  - Engines are idled, run at peak power until components are red hot, then shut off and allowed to soak while 16-degrees-below-zero Fahrenheit coolant is pumped through the engine
  - The process repeats over and over for 150 hours
- Structural testing is run to verify design parameters including assessment of the effect of design tolerances
  - Engineers build engines with tolerance-limit parts to simulate potential quality issues before they happen to the customer
- Real-world wear testing simulates the operating conditions of 250,000 miles over the toughest grades in temperatures ranging from 40 degrees below zero to plus 130 degrees Fahrenheit
  - This test cycle is the equivalent of 10 years in service

Warranties

Powertrain Limited Warranty — Gasoline Engine

- Powertrain Limited Warranty for Ford vehicles is five years or 60,000 miles, whichever comes first
- That's an additional 2 years/24,000 miles of coverage for components such as the engine, transmission and rear-wheel-drive parts (refer to the vehicle Owner Guide for a more comprehensive list of all the parts covered) beyond the vehicle's 3-year/36,000-mile Bumper-to-Bumper limited warranty

Powertrain Limited Warranty — 6.7L Power Stroke Diesel Engine

- Lasts for five years or 100,000 miles, whichever occurs first, on certain Power Stroke-specific powertrain components
- Key components covered under this warranty include: the engine, cylinder block, heads and all internal parts, intake and exhaust manifolds, timing gear, oil pan and pump, water pump, fuel system (excluding fuel lines, fuel tank and frame-mounted fuel conditioning module, high-pressure lines, gaskets and seals, turbocharger components, powertrain control module, engine control module, high-pressure fuel injection pump assembly, electronic driver unit, injectors and most engine sensors)

NOTE: See **motorcraftservice.com** for a link to a printable PDF of the Warranty Guide.

2012 F-250/F-350/F-450 Super Duty Pickups

Flexibility

Key Messages
• Customers choose Super Duty Pickups because of their flexibility and model-specific packages
• Exterior styling features a distinctly bold front-end appearance highlighted by a two-bar grille
• Interior seating, console and materials chosen with customer comfort and long-term durability in mind
• Super Duty offers customers an extremely efficient mobile office with the available 4.2" LCD Productivity Screen and Ford Work Solutions options
• MyKey allows the programming of restricted driving modes
• Voice-activated Navigation System includes HD Radio™ capability

Seating

Enhancements

- Driver and front passenger head restraints include 4-way adjustment on XLT, Lariat and King Ranch

Front-seat Features

- Standard 40/20/40 vinyl split bench features a center armrest, cup holder, storage and driver side manual lumbar
- Available cloth 40/20/40 split bench includes locking underseat storage, center armrest, cup holders and storage
- Available 40/console/40 seats feature a flow-through console and 6- or 10-way power adjustment

Heated and Cooled Front Seats

- Provide quick, enhanced comfort to both the seatback and cushion during hot or cold weather
- Standard on King Ranch, available on Lariat, included in Lariat Interior and Ultimate Packages

Rear-seat Features

- SuperCab models feature a 60/40 fold-up bench seat with seating surfaces in vinyl (XL), cloth (XLT) or Premium vinyl (Lariat)
- Crew Cab XL models feature a 60/40 vinyl flip-up/fold-down bench seat with head restraints for all 3 seating positions
- Crew Cab XLT, Lariat and King Ranch models feature a 60/40 flip-up/fold down bench with underseat partitioned, lockable storage, head restraints for all seating positions, an auxiliary 12V powerpoint in the driver side 60 percent storage area and dual integrated cup holders in the fold-down center armrest

Interior

Intelligent 3-blink Turn Signal

- This lane-change technology changes and simplifies the way drivers maneuver on the road
- To operate:
  - With a simple flick of the switch, either up or down, the turn indicator blinks 3 times and automatically shuts off
  - Switch can be held in the lane-change position longer for additional blinks beyond the 3 minimum
  - To engage the turn signal, drivers move the switch to the standard position, one more press past the lane change mode

Flow-through Center Console

- Lockable main storage bin
- Hanging tray for coin or small tool storage
- Available file hangers
- Map pockets
- Front storage compartment with removable modules for customizable space
- 12V powerpoints, 1 inside the main bin and the other at the outside rear
- 110V/150W inverter with a household-style plug outlet located at the rear of the console

Interior cont'd

Power Adjustable Accelerator and Brake Pedals (62M)

- Help to maximize driver comfort by allowing forward and rearward adjustment (up to 3 inches) of the accelerator and brake pedals
- Standard on Lariat, included in XLT Interior Package, memory feature included with King Ranch models

Power Moonroof (43M)

- Gives customers an open-air driving experience

Power Sliding Rear Window (435)

- Includes privacy glass and defrost; standard on Lariat and King Ranch, optional on XLT SuperCab and Crew Cab
- Provides enhanced interior ventilation at the push of a button

Remote Start (76S)

- Available factory-installed equipment
- Provides the added convenience of starting the vehicle from a distance of up to 325 feet, actual range may vary
- Remote start button is incorporated into the Remote Keyless Entry device specific to the vehicle
- Remote start function also provides a number of driver-selectable comfort and convenience features that can be accessed through the vehicle Message Center. Available features and settings vary by vehicle and may include:
  - Engine can be programmed to run for 5-, 10- or 15-minute intervals
  - Heater/AC — Auto/Last Setting
  - Front defroster — Auto/Off
  - Rear defroster — Auto/Off (If equipped)
  - Driver seat heat/cool — Auto/Off (If equipped)
  - Passenger seat heat/cool — Auto/Off (If equipped)
- Optional on all models (XL requires Power Equipment Group; included in Lariat Interior and Lariat Ultimate Packages, standard on King Ranch)

Rapid-Heat Supplemental Cab Heater (41A)

- Available on all models
- Requires 6.7L diesel engine, extra-heavy-duty alternator or dual alternators
- Designed to help the vehicle's standard heating system heat the cabin more quickly in cold weather
- Supplemental electric heater located in the vehicle's HVAC case
- Fully integrated with the vehicle's heating and ventilation system
- Monitors engine coolant temperature and provides additional in-cab heating if coolant is below a certain temperature

Steering Wheel Controls (62D)

- Required with SYNC option on XL and XLT
- Included steering wheel controls:
  - Audio
  - Cruise control
  - SYNC

MAKE THE POINT: Remote Start Range

When discussing the remote start feature with the customer, be sure to explain there are many factors that influence performance and range. Some examples include: structures around where the vehicle is parked, extreme weather conditions, vehicles parked nearby, or even the house or building the customer is in when using their remote start.

F-250/F-350/F-450 Super Duty Pickups

Flexibility

Interior Design



Instrument cluster gauges are organized, easy to read.

Modular instrument panel has a two-tone appearance.

Standard manual tilt rake/telescoping steering column.

Round air vents have notched, gear-like chrome surrounds.

Driver seat has standard manual lumbar.

Prominent center stack houses all switches in one easy-to-access area.

360-degree front door pulls are easy to grab, even when wearing gloves.

LCD Productivity Screen



Key Features

- Provides access to vehicle information related to fuel efficiency, towing performance and MyKey programming
- 4.2" LCD Productivity (liquid-crystal display) screen located between the speedometer and tachometer and is navigated through a five-way button on the steering wheel
- Designed and developed from extensive customer feedback
- Includes six primary programmable menu options, each customizable by the customer:
  - Gauge Mode
  - Trip A/B
  - Fuel Economy
  - Truck Apps
  - Settings
  - Information

Gauge Mode

- Includes configurable geographical compass display
- Gasoline engine-equipped models include a transmission oil temperature gauge
- Diesel engine-equipped models include engine and transmission oil temperature gauges

Trip A/B

- Trip time and mileage
- Gallons of fuel used and fuel efficiency (mpg)
- Capable of tracking two trips

Fuel Economy

- In this mode, fuel efficiency information is displayed as:
  - Instantaneous fuel usage
  - Miles to empty
  - Average mpg

Truck Apps

- Off-road screen displays lateral, vertical and turning radius information
- Access to Electronic Rear Differential, Hill Descent Control, 4x4 system and traction control status (if equipped)
- Customers who tow will really appreciate the capability of tracking and storing information for individual trailers, including:
  - Mileage
  - Trailer Brake Controller settings
  - Trailer naming

Settings

- Turn features on or off
- Change lamp, compass and maintenance schedule settings
- Manage MyKey settings and features

Information

- Monitors oil life percentage
- MyKey status and mileage
- System check screen
- System warnings such as “Door Ajar” are displayed graphically
- Trailer Sway Control, Hill Descent Control, Tire Pressure Monitoring System (TPMS) and diesel engine-specific messages are found in this menu

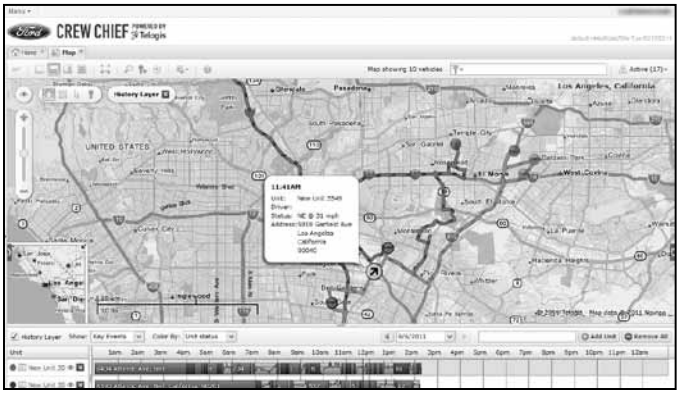
Message Center

- Displays compass and outside temperature in upper left corner

Ford Work Solutions

Crew Chief (87T) Telematics Powered by Telogis®

- Provides vehicle location using GPS (wherever there is cell service)
- Provides vehicle performance data, fuel consumption, trouble codes, service required notifications, etc.
- Provides driver performance data, excessive speed or idling, airbag/safety belt alerts, harsh acceleration, etc.
- Provides enhanced fleet productivity through historical data analysis



Cable Lock by Master Lock® (87C)



- Heavy-duty 10' long, 3/8" thick, vinyl-coated braided steel cable to secure items in the truck bed
- Self-locking shackle at the end of the cable affixes to a tie-down cleat or back around the cable itself and features a quick-release unlock
- Cable retracts into a durable housing on the side of the truck bed to neatly stow when not in use
- Corrosion- and impact-resistant storage case mounts to the inside wall of the cargo box with anti-theft fasteners

SYNC Technology

Key Features

- Fully integrated, voice-activated in-vehicle communications and entertainment system for Bluetooth®(1)-enabled mobile phones(2)
- Voice-activated hands-free calling(2)
- Voice-activated control of most MP3-style media players
- **Traffic, Directions and Information Services**
  - Provides simple voice command access to traffic reports, turn-by-turn driving directions,(3) business listings, sports scores, weather forecasts, horoscopes and news
  - Send to SYNC function allows customer to download directions from Google Maps™(4) or MapQuest®(5) to their phone and have the directions accessed by SYNC once in the vehicle
- **911 Assist**
  - Assists occupants in placing a 911 call in certain vehicle crashes by using a properly paired mobile phone inside the vehicle(6)
- **Vehicle Health Report (VHR)**
  - Helps owners monitor the operating condition of their vehicle
  - Produces an easy-to-understand report accessible on **syncmyride.com**
- **AppLink**
  - A new feature within SYNC, AppLink provides control of certain smartphone applications using SYNC voice commands
  - Connect to apps like Pandora® internet radio and more with your iPhone®, BlackBerry® or Android™(7) platform mobile phones
  - More detailed user instructions, application connectivity differences and FAQs can be found by going to **syncmyride.com**

NOTE: See the Glossary and Technology section in the Source Book Appendices or on ***eSourceBook*** for more information.

SYNC
Powered by Microsoft®

MAKE THE POINT: syncmyride.com
Before your customer leaves the dealership, help them set up their owner account at **syncmyride.com**. This will help ensure their satisfaction with SYNC, their new vehicle, you and your dealership. **Syncmyride.com** is the one-stop site for owner information and support, updates and customizations, compatibility information for mobile phones and media players and easy-to-use videos to help your customer become familiar with all that SYNC can do.

(1) The Bluetooth word mark is a trademark of the Bluetooth SIG, Inc.
(2) Driving while distracted can result in loss of vehicle control. Only use SYNC and other devices, even with voice commands, when it's safe to do so.
(3) Traffic alerts and turn-by-turn directions available in select markets. Standard text messaging data rates may apply.
(4) Google Maps is a trademark of Google, Inc.
(5) MapQuest is a trademark of AOL, Inc.
(6) The vehicle electrical system (including the battery), the wireless service provider's signal and a connected mobile phone all must be available and operating for 911 Assist to function properly. These systems may become damaged in a crash. The paired mobile phone must be connected to SYNC and the 911 Assist feature enabled for 911 to be dialed.
(7) Android is a trademark of Google Inc. Use of this trademark is subject to Google Permissions.

NOTE: Not all SYNC features will be compatible with all mobile phones. Features like ringtone support and audible text messages may not work with certain mobile phones.

Audio/Entertainment

AM/FM Stereo
- 20 watts per channel with amplifier for high-fidelity sound
- 2 speakers
- Bass/Treble control
- Balance control
- Seek/Scan features
- Tone control
- Electronic tuning
- Digital clock

Single-CD/MP3 Capable Player
In addition to the AM/FM stereo, includes:
- 4 premium speakers
- MP3 capability
- SiriusXM satellite radio capability
- Auto presets
- Auxiliary audio input jack
- Fade control
- **Speed Compensated Volume (SCV)** compensates for changing ambient noise levels by adjusting the volume of the radio according to the vehicle's speed signal. Allows seven volume adjustment levels. Adjustable through the menu
- **Compression** allows the audio dynamic range to be compressed so quieter music is boosted and louder music is lowered to compensate for ambient noise level when enabled during CD mode
- **Shuffle** plays CD/MP3 tracks in random order
- **Folder** button allows access to the MP3 folder
- **Folder/track mode** allows the audio system to play and seek through disc tracks with or without folder option (available with MP3 discs only)

Premium Single-CD/MP3 Capable Player
In addition to the single-CD/MP3 capable player, includes:
- 8 speakers
- Subwoofer

Auxiliary Audio Input Jack
- Standard with all CD/MP3 capable audio systems
- Located in the center stack
- Vehicle audio system will not control the functions of the MP3 player

USB Connector
- Included with vehicles equipped with available SYNC voice-activated communications and entertainment system

MP3 Capability
- Reads song title and artist from ID3 tags
- Supports up to 253 titles per disc

SiriusXM Satellite Radio
- Available on XLT, standard on Lariat and King Ranch
- Includes 6 months of SiriusXM service subject to geographic location and availability(1)
- Order Code 39S must be specified. This will equip the vehicle with the necessary vehicle-to-radio interface and antenna
- Unit is preactivated from the factory
- SiriusXM satellite radio can be accessed using existing radio head controls:
  - Press and release the **Aux button** to enter satellite radio mode
  - **Seek/Scan** buttons to change channels
- Key benefits include:
  - Over 130 channels of the best music, talk, news, sports and information (65 music channels)
  - 100 percent commercial-free music
  - Seamless coverage anywhere in the 48 contiguous states and Washington, D.C.
- More information on the service is available online at **www.siriusxm.com** or toll-free at **(866) 635-2349**

(1) ***Subscriptions to all SiriusXM services are sold by SiriusXM after 6-month trial expires. Subscriptions are governed by SiriusXM Customer Agreement; see* www.siriusxm.com.** Sirius U.S. Satellite Service available in the 48 contiguous U.S.A. and D.C. Sirius, XM and all related marks and logos are trademarks of SiriusXM Radio Inc.

For More Audio Information
- Audio availability: See the latest Dealer Ordering Guide
- Operating information: See the vehicle Owner Guide

Navigation

Voice-Activated Navigation System with SiriusXM Traffic, SiriusXM Travel Link and HD Radio™ (available winter 2012)

- Includes **HD Radio capability**
- **Voice activation** recognizes certain voice commands to operate the system hands-free
- **6.5" LCD touch screen** in the center stack operates navigation and audio functions
- Traffic and weather information, fuel pricing, sports updates and movie listings provided by SiriusXM Travel Link
- **Bird's-eye map** provides a "3D" view of route, landmarks and Points of Interest (POI)
- **Music Jukebox** capability allows for storage and access to around 2,400 songs
  - Browse the music library via the touch screen or by voice recognition
  - Music can be sorted by playlists
- **Upload photos** to the home screen
- **Park and Play** mode allows audio and video discs to play while the vehicle is in Park
- **Destination selection** search methods include:
  - Street address
  - Points of Interest (POIs) including retail
  - Freeway entrance/exit search
  - Previous destination
- **Route Guidance** with turn-by-turn voice directions
  - Street name announcements
  - Freeway exit, turn and ramp transition lane guidance
  - Speed limit display on freeways
- Supports North American English, Canadian French and Mexican Spanish
- **Help menu** for basic operation, driving restrictions and navigation DVD
- **Automatic rerouting** recalculates a new route if a turn is missed
- **Emergency** button provides nearest emergency facility to choose as a destination (hospital or police)
- **Valet Lockout Mode** disables operation of the navigation and audio systems
- **Address book** saves the most frequently used destinations for quick and easy routing

SiriusXM Traffic and SiriusXM Travel Link Services

- 6-month complimentary subscription subject to geographic location and availability included with Navigation System(1)
- **Traffic info**
  - Provides incident, speed and flow information for 80 major cities in the continental U.S.
  - Updates every 2.5 minutes
  - View graphical overlay of incidents
  - Route recalculation based on traffic data
- **Weather info**
  - Provides current weather and 5-day forecast reports that are updated every 5 minutes
  - Current conditions update every 30 minutes
  - Region of interest can be defined by customer
- **Fuel pricing** for over 120,000 gas stations
  - Search for pricing en route or based on current location
  - Displays pricing for regular, mid-grade and premium when available
- **Sports updates** and movie listings
  - Score summaries and schedules for major sports
  - Updates every 5 minutes
  - User can personalize for favorite teams
  - Movie listings for over 4,500 theaters, including times, movie summary and directions to the theater
- More information is available online at **www.siriusxm.com** or toll-free at **(866) 635-2349**

(1) ***SiriusXM Satellite Radio, Traffic and Travel Link subscriptions sold separately or as a package after trial expires. SiriusXM Traffic and Travel Link service available in select markets. Subscriptions are governed by SiriusXM Customer Agreement; see*** **www.siriusxm.com.** Sirius U.S. Satellite Service available in the 48 contiguous U.S.A. and D.C. Sirius, XM and all related marks and logos are trademarks of SiriusXM Radio Inc.

HD Radio™

What It Is

- HD Radio(1) Technology is your local AM and FM stations, now broadcasting in digital. It offers new extra local FM channels, crystal-clear sound, more music, news and sports — all subscription free. Nearly 2,000 AM and FM stations across the nation currently broadcast with HD Radio Technology. Visit **www.hdradio.com** to learn more

What HD Radio Technology Is Not

- HD Radio is not satellite radio or "high-definition" radio
- HD Radio signals are local programming and have signal strength limitations

How It Works

- HD Radio Technology products work the same way as conventional radio, with a signal broadcast by a station and received by consumers in a specific area
- However, instead of sending one analog signal, HD Radio stations send a bundled signal made up of both analog and digital signals
- The digital signal is compressed, and when received by an HD Radio receiver, the signal is decoded into as many as three separate channels, each with unique programming, including additional or alternative format music, news, traffic and sports
- Because the signal is digital, sound quality is significantly superior to traditional radio, virtually eliminating buzzing, static and popping

Key Benefits

- Customers will enjoy an enhanced audio experience
- Crystal-clear static-free reception
- FM broadcast with CD-like quality
- AM broadcast quality approaching current FM broadcast quality
- HD2/HD3 channels featuring innovative content/ alternative station programming
- Data displayed on-screen such as song, artist, breaking news, weather alerts, sports scores and much more

(1) HD Radio is a proprietary trademark of iBiquity Digital Corp.

Cargo Area

Stowable Bed Extender (85B)

- Optional on SRW models only
- Allows functionality of the bed when the extender is not in use
- Folds onto the open tailgate and extends the usable length of the pickup box
- Folds into the cargo bed to form a small, enclosed section that keeps cargo from sliding around
- Separates into two pieces that fold and snap securely to the sides of the bed or can be removed completely

Tailgate Step (85G)

- Optional on all models
- Provides an integrated step that folds down from the open tailgate to allow an easier step up into the truck bed
- Includes step and handle
- Fully integrated into the tailgate and virtually invisible when not in use
- High-strength steel construction

Tailgate Assist

- Uses an internal torsion bar to reduce the effort required to open and close the tailgate

Locking Tailgate

- Helps reduce the chance of theft

Tie-down Hooks

- One in each corner of the pickup box on 6.75' box, two additional tie-downs in the center of 8' box
- Help keep cargo securely in place

ToughBed Spray-in Bedliner (85S)

- Optional on all models
- Provides tough, durable protection for the life of the vehicle's truck bed
- Spray-in liner is watertight, and helps to eliminate rust formation
- Resists tears from sharp objects
- Factory installed and warranted by Ford Motor Company

Cable Lock (87C)

- Optional on all models
- See page 32 for more information

MAKE THE POINT: Tailgate Step

Show customers how easy it is to open the Tailgate Step:

1. Flip down the tailgate
2. Pull the yellow latch lever to the Unlock position to release the grab handle
3. Raise the handle upright until you feel it latch and see the latch lever in the Lock position
4. Rotate the center molding to unlatch the Tailgate Step
5. Flip open the panel to widen the step

NOTE: Be sure to tell customers that the tailgate step is rated for no more than 350 lbs. (includes a person plus load carried).

Exterior Styling

Front-end Design

- "Built Ford Tough" DNA is unmistakable and delivers at-a-glance differentiation from prior model and F-150
- Dual-beam jewel effect halogen headlamps
- Front bumper with integrated step pad
- Large, aggressive 2-bar grille with bull-like nostrils features Super Duty name across the leading edge
- Large Ford oval
- Inverted power dome hood with clamshell design

Rear-end Design

- Large rear bumper
  – Standard 4- and 7-pin trailer connector attached
- Large taillamps
- Tailgate design features Ford oval in center of tailgate and Super Duty name on lower edge

2012 F-250/F-350/F-450 Super Duty Pickups

Flexibility

XL Key Features

Exterior

- 17" argent painted steel wheels with painted hub covers/center ornaments (F-250/F-350 SRW)
- 17" argent painted steel wheels (F-350 DRW)
- 17" forged polished aluminum wheels with bright hub covers/center ornaments (F-450)
- Black door and tailgate handles
- Black painted front and rear bumpers
- Black painted grille
- Dual-beam jewel effect halogen headlamps
- Manual telescoping, foldaway trailer tow mirrors with manual glass
- Rear fixed window
- Solar-tinted glass

Interior

- Air conditioning
- AM/FM radio with 2 speakers
- Black, full-length vinyl floor covering
- Black vinyl steering wheel with tilt/telescoping steering column
- Color-coordinated scuff plates
- Door trim with armrest, grab handle and reflector
- Color-coordinated vinyl sun visors: single driver with pocket, single passenger with mirror insert
- Heavy-duty vinyl 40/20/40 split bench with center armrest, cup holder and storage; manual lumbar — driver side, front center seat includes integrated restraint
- Instrumentation — multifunction switch Message Center with Ice Blue lighting, three-button message control on steering wheel
- Interval-control windshield wipers
- MyKey
- Vinyl flip-up/fold-down rear bench seat (Crew Cab)
- Vinyl fold-up rear bench seat (SuperCab)

XL Packages

XL Value Package (96V)

- Bright chrome hub covers and center ornaments (SRW)
- Chrome front and rear step bumper
- Cruise control
- Single-CD/MP3 player

XL Décor Group (17F)

- Available on XL models only with valid FIN code
- Bright chrome hub covers and center ornaments
- Chrome front and rear step bumper

Power Equipment Group (90L)

- Accessory delay
- Integrated Key
- Manual telescoping, trailer tow mirrors with power, heated glass, heated convex spotter mirrors, integrated clearance lamps and turn signals
- Perimeter anti-theft alarm
- Power front side windows
- Power locks
- Power rear side windows (Crew Cab)
- Remote Keyless Entry
- Upgraded door trim panel

XLT Key Features

Exterior

- 17" argent painted steel wheels (F-350 DRW)
- 17" cast aluminum 5-spoke wheels with bright hub covers and center ornaments (F-250/F-350 SRW)
- 17" forged polished aluminum wheels with bright hub covers/center ornaments (F-450)
- Chrome front and rear bumper
- Chrome grille surround with medium platinum insert
- Manual telescoping, trailer tow mirrors with power, heated glass, heated convex spotter mirrors, integrated clearance lamps and turn signals

Interior

- 60/40 cloth fold-up rear bench seat (SuperCab)
- 60/40 rear bench seat with flip-up/fold-down, underseat storage partitioned with each side lockable. 60 percent driver side underseat storage has 12V powerpoint, dual integrated cup holders in armrest, 2 outboard head restraints and a center head restraint (Crew Cab)
- Air conditioning

Interior cont'd

- Auxiliary audio input jack
- Black air vents with chrome rings
- Black vinyl steering wheel with tilt and telescoping steering column
- Color-coordinated carpet floor mats
- Color-coordinated full carpet floor covering
- Door trim with soft armrest, grab handle, upper and lower map pockets and reflector
- High-series cloth 40/20/40 split bench front seat with center armrest, cup holder and storage, and 20 percent center underseat locking storage
- MyKey
- Perimeter anti-theft alarm
- Power windows and door locks with backlit switches and accessory delay
- Remote Keyless Entry
- Single-CD/MP3 capable player and 4 speakers
- Steering wheel-mounted cruise control
- Trailer Brake Controller

XLT Packages

Steering Wheel Controls (62D)

- Audio controls
- Cruise control
- SYNC

XLT Interior Package (96I)

- Available on all XLT
- Autolamp/rainlamp
- Autolock/unlock
- Power adjustable pedals
- Power driver seat (6-way)
- SecuriCode Keyless Entry Keypad (driver side)

XLT Premium Package (17P)

- Available on XLT SuperCab and Crew Cab
- 18" chrome-clad wheels (SRW only)
- 6" angular chrome step bars
- Autolamp/rainlamp
- Autolock/unlock
- Bright metallic exhaust tip
- Chrome pickup bed tie-down hooks
- Chrome tow hooks
- Compass
- Electrochromic mirror

XLT Premium Package (17P) cont'd

- Fog lamps
- LCD Productivity screen
- LT275/65R18E BSW A/S tires (SRW only)
- Power adjustable pedals
- Power driver seat (6-way)
- SecuriCode Keyless Entry Keypad (driver side)
- Steering wheel controls
- SYNC
- Unique chrome mirror caps
- Requires:
  - 17" forged, polished aluminum wheels (F-350 DRW only)
  - PowerScope trailer tow mirrors

XLT Value Package (17V)

- Autolamp/rainlamp
- Autolock/unlock
- Fog lamps
- Power adjustable pedals
- Power driver seat (6-way)
- SecuriCode Keyless Entry Keypad (driver side)
- Steering wheel controls
- SYNC
- Available on all XLTs

F-250/F-350/F-450 Super Duty Pickups

Flexibility

Lariat Key Features

Exterior

- 17" forged polished aluminum wheels with bright hub covers/center ornaments (F-350 DRW/F-450)
- 18" bright machined cast aluminum wheels with bright hub covers/center ornaments (F-250/F-350 SRW)
- 5" chrome tubular step bars (F-350 DRW/F-450)
- Body-color door handles
- Chrome front and rear bumpers
- Chrome grille surround with medium platinum insert
- Fog lamps
- PowerScope power-telescoping, power-folding trailer tow mirrors with power heated glass, heated convex spotter mirrors, integrated clearance lights and turn signals
- Power sliding rear window with privacy glass and defrost

Interior

- Color-coordinated full carpet floor covering
- Color-coordinated leather-wrapped steering wheel with 5-button message control and redundant audio and SYNC controls
- Color-coordinated vinyl sun visors: single driver with map strap and covered lighted mirror, single passenger with covered lighted mirror
- Door trim with soft armrest, grab handle, Dark Foundry upper appliqué and window switch bezel, upper and lower map pockets, and reflector
- Dual-zone Electronic Automatic Temperature Control
- Electrochromic self-dimming rearview mirror
- Instrumentation — driver-configurable enhanced information with 4.2" LCD screen and five-button message control on steering wheel
- Power adjustable pedals
- Premium AM/FM stereo, single-CD/MP3 player with 8 speakers and subwoofer
- Reverse Sensing System
- Seats:
  - Front, premium leather seating surfaces, 40/console/40 split bench
  - 10-way power driver and front passenger seats (6-way adjustable track, 2-way power recline and 2-way power lumbar)
- SiriusXM satellite radio
- SYNC voice-activated communications and entertainment system

Lariat Packages

Chrome Package (17C)

- 18" chrome-clad wheel with LT275/65R18E BSW A/S tires (SRW)
- 6" angular chrome step bars
- Bright Metallic exhaust tip
- Chrome pickup bed tie-down hooks
- Chrome tow hooks
- Unique chrome mirror caps
- Available option:
  - 20" chrome-clad cast aluminum wheel and LT275/65R20E OWL all-terrain tires (4x4 SRW diesel only)
- Available on Lariat

Lariat Interior Package (96L)

- Heated/cooled power driver and front passenger seats
- Memory function (power adjustable pedals, driver seat including easy-entry/easy-exit feature and PowerScope mirrors)
- Rear View Camera
- Remote start system

Lariat Ultimate Package (96U) (available winter 2012)

- Heated/cooled power driver and front passenger seats
- Memory function (power adjustable pedals, driver seat including easy-entry/easy-exit feature and PowerScope mirrors)
- Moonroof
- Rear View Camera
- Remote Start System
- Tailgate step
- Voice-activated Navigation System with SiriusXM Traffic, SiriusXM Travel Link and HD Radio™

King Ranch Key Features

King Ranch is available in Crew Cab 4x2 or 4x4 configurations only.

Exterior

- 17" premium forged polished aluminum wheels with unique King Ranch center cap (F-350 DRW/F-450)
- 18" bright machined cast aluminum wheels with unique King Ranch center cap (F-250/F-350 SRW)
- 6" angular lighted, painted running board
- Accent color front and rear bumpers (with step pad)
- Accent color lower bodyside and wheellip moldings
- Grille painted body color with chrome insert
- King Ranch fender badges
- Lower accent two-tone paint
- PowerScope trailer tow mirrors with body-color mirror caps
- Remote start system
- Unique accent color box top/tailgate moldings

Interior

- Memory power adjustable pedals
- Rear View Camera
- Seats:
  - Unique King Ranch Chaparral leather seating surfaces, front 40/console/40 (memory, 10-way power adjustable heated/cooled driver seat and 10-way power adjustable heated/cooled passenger seat, easy-entry/easy-exit feature on driver seat)
  - 60/40 flip-up/fold-down rear bench with underseat locking storage and 12-volt powerpoint
- Unique door trim panels with King Ranch Chaparral leather insert and woodgrain appliqué
- Unique front and rear floor mats with King Ranch logo
- Unique King Ranch Chaparral leather-wrapped, color-coordinated steering wheel with redundant audio and SYNC controls
- Universal garage door opener

King Ranch Packages and Options

King Ranch with **Chrome Package (17R)**

- 18" chrome-clad wheels
- 6" angular chrome step bars
- Bright metallic exhaust tip
- Chrome pickup bed tie-downs
- Chrome tow hooks
- LT275/65R18E BSW all-season tires (SRW only)
- Unique chrome mirror caps

Available Options

- 20" chrome-clad cast aluminum wheels with King Ranch hub covers/center ornaments (4x4 SRW diesel only)
- LT275/65R20E OWL all-terrain tires (4x4 SRW diesel only)
- Tailgate step with accent color molding
- Voice-activated Navigation System with SiriusXM Traffic, SiriusXM Travel Link and HD Radio™

Safety and Security



AdvanceTrac with RSC (Roll Stability Control)

- Standard on SRW models
- An electronic stability control system that helps the driver maintain vehicle stability in adverse driving situations or when making evasive maneuvers on slippery pavement
- Monitors vehicle's cornering behavior with steering angle, lateral acceleration and yaw rate sensors, and automatically makes braking and throttle adjustments to match vehicle's direction to the driver's intention using Anti-lock Braking System (ABS) and Traction Control components
- AdvanceTrac automatically activates whenever the vehicle is started, but may be turned off for certain situations such as when "rocking" a vehicle stuck in mud or snow

NOTE: Please remember that even sophisticated, advanced technologies cannot defy the laws of physics. Encourage safe driving habits to your customers.

NOTE: See the Safety section in the Source Book Appendices or on ***e*SourceBook** for more information.

MyKey

- Allows parents and fleet owners to program a "key limit" to certain vehicle functions to help promote safe driving habits
- Default restrictions include:
  - Persistent Belt-Minder alert that mutes audio system until driver front safety belt is fastened
  - Earlier Low Fuel Warning indicator
  - Restriction of disabling certain features, if equipped
- Programmable restrictions include:
  - Limited vehicle top speed
  - Configurable speed alert chime at 45, 55 OR 65 mph
  - Maximum audio system volume
- Programming MyKey is done via the Message Center
  - One standard key will be the Administrator Key, while the other will operate as MyKey with the programmed restrictions

SOS Post-Crash Alert System

- Activates the hazard flashers and sounds the horn after a crash in which the airbags deploy(1)
- Sounding the horn and flashing the hazards makes the vehicle easier to locate if the accident happens off the roadway
- System operates until deactivated or battery power is depleted

Tire Pressure Monitoring System (TPMS)

- Standard on all SRW models
- Sensor-based system alerts the driver to significant underinflation in any of the tires, excluding the spare
- Pressure sensors detect actual tire pressure and activate a warning light in the vehicle's instrument cluster when a tire is significantly underinflated
- Properly inflated tires help to maximize fuel economy and maintain a smooth ride

NOTE: See the Safety section in the latest Source Book Appendices or on ***e*SourceBook** for more information.

Trailer Sway Control

- Standard on Single Rear Wheel (SRW) and Dual Rear Wheel (DRW) models
- Works in conjunction with the AdvanceTrac with RSC (Roll Stability Control) system to expand the vehicle's dynamic stability control capabilities, adding an additional layer of confidence and control while towing a trailer
- AdvanceTrac control module incorporates additional software to monitor the truck's performance while towing
- The added software measures the yaw motion of the truck to determine if the trailer is swaying and then responds to eliminate the sway condition by applying brake force to individual wheels and, if necessary, reducing engine power
- DRW models do not include all of the AdvanceTrac software, but do include a yaw motion sensor that works much the same way, sensing trailer sway and applying individual brakes or reducing power

(1) SOS hardware may become damaged or the battery may lose power in a crash, which could prevent operation. Not all crashes will activate an airbag.

Safety and Security cont'd

Safety Features

Super Duty Pickups include a number of safety features to help protect the driver and passengers in the event of certain collisions:

- Single-stage driver and right front passenger airbags
- Electronic crash severity sensor
- Front outboard safety belt energy management retractors and pretensioners
- Restraint Control Module

Safety Canopy System with Roll Sensor

- Side curtain airbags provide head protection for all outboard seating positions
- System includes side curtain airbags and roll sensor
- Located in the roof side rail behind the headliner, the side curtain airbags deploy downward and outward toward the side window opening to protect the heads of outboard passengers in the first row on Regular Cab and the first and second rows on Crew Cab and SuperCab
- Side air curtains are triggered independently of the driver and front passenger airbags by side-impact sensors or by the roll sensor
- Roll-fold technology helps the airbag slide between the glass and occupant as it inflates
- Side curtain airbags will not interfere with properly installed child safety seats or booster seats
- Canopy is designed to stay inflated longer for added protection in a rollover or multiple side impacts

Front-seat Side Airbags

- Designed to protect chest and torso of the driver and front passenger in the event of a side-impact collision
- Airbags deploy from the side of the seatback bolsters so that they always inflate to provide maximum protection, regardless of the seat fore/aft position

Child Seat Tethers

- Standard on Regular Cab front center and right passenger seat and all rear seating positions on SuperCab and Crew Cab

Hill Descent Control

- Included and only available with the FX4 Off-Road Package (SRW only)
- Helps the driver to concentrate on driving, since the system helps maintain vehicle speed on a steep decline at speeds between 2 and 20 mph
- Activated by pressing the Hill Descent Control button located on the right side of the instrument panel center stack
- Once activated, utilizes the truck's Anti-lock Braking System (ABS) to help the driver control vehicle descent, allowing the driver to concentrate on steering
- Once set, speed can be increased by pressing the accelerator pedal until the desired speed is met and then releasing the pedal
  - System speed can be decreased by pressing the brake pedal until the desired speed is met and then releasing the pedal
- System is activated at speeds between 20 and 40 mph but descent speed cannot be set or maintained
- System disengages when vehicle speed exceeds 40 mph

Driver Assistance Technologies

Hill Start Assist

- Helps keep the vehicle from rolling backward, making it easier to pull away when on a slope or hill with a grade greater than 5 degrees
- Activating the system is simple
  - Press the brake pedal to bring the vehicle to a complete standstill
  - Keep the brake pedal pressed
  - If the sensors detect that the vehicle is on a slope, Hill Start Assist is automatically activated
- When Hill Start Assist is activated, the vehicle remains stationary on the slope for up to two seconds after the driver releases the brake pedal
- The brakes are automatically released once the engine has developed sufficient power to prevent the vehicle from rolling down the slope
- Hill Start Assist will not operate when the parking brake is engaged

Rear View Camera (76V)

- Standard on King Ranch, available on XLT and Lariat (requires XLT Interior Package) and included in the Lariat Interior and Lariat Ultimate Packages
- Provides added driver convenience when backing up and is especially useful when parallel parking or connecting a trailer
- System automatically engages when the vehicle is placed in Reverse
- Includes a camera located below the Ford oval in the center of the tailgate
- Video is shown on the Navigation System screen (if equipped) with an image providing vehicle centerline, rear bumper orientation and green, yellow and red trajectory lines to relate an object's proximity to the rear of the vehicle
- Video is shown in the rear view mirror for models not equipped with the Navigation System

Reverse Sensing System

- Helps make parking easier
- Alerts driver to certain objects behind the vehicle with an audible tone

NOTE: See the Glossary and Technology section in the Source Book Appendices or on ***e*SourceBook** for more information.



F-250/F-350/F-450 Super Duty Pickups
Capability

2012

Key Messages
• Super Duty is able to handle tough commercial or recreational use
• Variable Gross Vehicle Weight Rating (GVWR) strategy on all models
• Four standard Trailer Tow Packages with a "Built Ford Tough" trailer hitch receiver are designed to meet the customer's towing needs

Towing Capacity

- Single Rear Wheel models with the 6.7L Power Stroke V8 turbo diesel engine offer exceptional maximum conventional towing capacity
- Maximum conventional towing capacity is 17,500 lbs. for F-350 DRW (172" WB) and F-450 models with the 6.7L Power Stroke engine
- Ford is the first Original Equipment Manufacturer (OEM) to have a 2.5" hitch receiver for improved towing security with trailers over 12,500 lbs.
- Maximum Gross Combination Weight Rating (GCWR) for F-450 models is 33,000 lbs.
- Available 5th-wheel Gooseneck Hitch Prep Package and 5th-wheel and Gooseneck Hitch Kits



Maximum Trailer Towing[1]					
Model	**Drive**	**Capacity (Conventional)**	**Model**	**Drive**	**Capacity (5th-wheel)**
F-250/F-350 SRW	4x2/4x4	14,000 lbs./14,000 lbs	F-250	4x2/4x4	16,700 lbs./16,200 lbs.
F-350 DRW	4x2/4x4	15,000 lbs./15,000 lbs.	F-350 SRW	4x2/4x4	16,600 lbs./16,100 lbs.
F-350 DRW	4x2/4x4	—/17,500 lbs. (172" WB and 6.7L diesel)	F-350 DRW	4x2/4x4	22,700 lbs./22,200 lbs.
F-450	—/4x4	—/17,500 lbs.	F-450	—/4x4	—/24,500 lbs.

Payload and Gross Vehicle Weight Rating (GVWR)

Payload

- Variable GVWR strategy enables F-Series Super Duty pickups to have impressive payload capacity
- Maximum payload is 7110 lbs. on F-350 DRW 4x2 Regular Cab models equipped with the 6.2L V8 engine

GVWR

- Variable GVWR strategy lets customers build their trucks specifically for their intended use
- The fully boxed frame and robust braking system used on Super Duty Pickups help keep the high payload capacity on trucks with higher base curb weight

Drive	Maximum Payload[1]	Maximum GVWR[1]
4x2	7110 lbs.	13,300 lbs.
4x4	6610 lbs.	13,300 lbs.

(1) Properly equipped.

2012 F-250/F-350/F-450 Super Duty Pickups

Capability

F-450 Super Duty

The F-450 Super Duty Pickup is the only production pickup on the market with unsurpassed capabilities. It gives you unprecedented capability to offer your customers who tow horse trailers or large recreational campers, or who need the added capability for commercial applications.

Available as a 4x4 Crew Cab configuration, F-450 includes the following standard equipment:

- 6.7L Power Stroke V8 turbo diesel engine with standard Heavy-Duty TorqShift 6-speed SelectShift Automatic transmission
- 4.30 limited-slip rear axle
- Wide pickup frame with 56" CA (Cab-to-Axle) dimension
- Rear leaf-spring suspension and radius arm front suspension from F-450 Super Duty Chassis Cab
- Large 32mm front stabilizer bar and 22mm rear stabilizer bar
- Gross Vehicle Weight Rating (GVWR) of 13,300 lbs.
- Maximum Gross Combination Weight Rating (GCWR) of 33,000 lbs.
- Maximum towing capacity when properly equipped — Conventional 17,500 lbs./5th-wheel 24,500 lbs.
- 157-amp alternator
- 37.5-gallon midship fuel tank
- Trailer Brake Controller
- Manual telescoping trailer tow mirrors with manual glass and 2-way manual fold feature (XL)

Outstanding Towing Features

Trailer Tow Packages

- **12.5K "Built Ford Tough" Trailer Hitch Receiver** with 2" hitch includes 7-wire harness with both 7-pin and 4-pin connectors (standard on F-250/F-350 SRW models; NA diesel with 156", 158" or 172" wheelbase)
- **14K "Built Ford Tough" Trailer Hitch Receiver** with 2.5" hitch and 2" sleeve reducer includes 7-wire harness with both 7-pin and 4-pin connectors (standard on F-250/F-350 SRW diesel with 156", 158" or 172" wheelbase)
- **15K "Built Ford Tough" Trailer Hitch Receiver** with 2.5" hitch and 2" sleeve reducer includes 7-wire harness with both 7-pin and 4-pin connectors (standard on F-350 DRW except 172" wheelbase with diesel)
- 17.5K **"Built Ford Tough" Trailer Hitch Receiver** with 2.5" hitch and 2" sleeve reducer includes 7-wire harness with both 7-pin and 4-pin connectors (standard on F-350 DRW diesel with 172" wheelbase; F-450)

MAKE THE POINT: Trailer Tow Packages

Roughly 95 percent of your Super Duty customers use their trucks for towing regularly, and the Trailer Tow Package is a great selling point. Be sure that your customers understand the towing capabilities of their vehicle and warn them against overloading. Explain that Dual Rear Wheel (DRW) vehicles are designed for greater towing stability, not necessarily for increased capacity. DRW models are especially useful for customers who want to tow a 5th-wheel trailer.

Outstanding Towing Features cont'd

Trailer Brake Controller (TBC)

- Factory installed and warranted by Ford Motor Company
- Fully integrated into the instrument panel and the brake system of the truck
- Ensures smooth and effective trailer braking by powering the electric brakes of the trailer with an output proportional to the towing vehicle's brake pressure
- The controller adapts output based on the status of the Anti-lock Braking System (ABS)
- When the ABS module senses the brakes of the towing vehicle are approaching lockup, the trailer braking strategy of the controller changes to compensate for traction conditions, reducing the risk of trailer brake lockup
- Provides instant visual and audible warnings in case of accidental trailer disconnect
- Includes the following user indicators in the Message Center:
  - Trailer connection indicator
  - GAIN setting display
  - OUTPUT bar graph
- Manual control lever and **+/-** (GAIN adjustment) buttons located on the instrument panel allow the trailer brakes to be manually applied and adjusted for optimum performance

NOTE: Ford Trailer Brake Controller (TBC) has verified compatibility with trailers (one to four axles) utilizing electrically actuated drum brakes and certain Electric-Over-Hydraulic (EOH) actuated drum or disc brake systems. See the chart below for Ford-verified brands and model numbers of TBC-compatible EOH brake systems. There may be other EOH brake systems not shown in the chart. Those systems have not been Ford compatibility-tested with the TBC and are not recommended for use. Ford TBC is not compatible with any trailer equipped with a surge-type brake system.

Ford-tested TBC Compatibility

Brand	Series	EOH Model Number
Dexter	DX	E/H 1000 (Drum) E/H 1600 (Disc)
BrakeRite	EHB	4822500 (Drum) 4813100 (Disc)
ActiBrake	AB-1	AB-1-8 (Drum) AB-1-14 (Disc) AB-1-16 (Heavy-Duty)
HydraStar	HBA	HBA10 (Drum) HBA12 (Disc) HBA16 (Heavy-Duty)
TowBrake	HD	HD3000

Outstanding Towing Features cont'd

Mirrors

- Manual telescoping trailer tow mirrors with two-way fold feature and manual glass are standard on XL models
- Manual telescoping trailer tow mirrors with two-way fold feature and power, heated glass, heated convex spotter mirrors; integrated clearance lights and turn signals are standard on XLT and available on XL (as part of Power Equipment Group)
- PowerScope power-telescoping, power-folding trailer tow mirrors with power, heated glass, heated convex spotter mirrors and integrated clearance lights/turn signals are standard on Lariat, optional on XLT
- PowerScope power-telescoping, power folding trailer tow mirrors with power, heated glass, heated convex spotter mirrors, integrated clearance lights/turn signals and memory are standard on King Ranch, optional on Lariat

"Four-Wheel-Down"/Neutral/ Recreational Towing

- Some customers may want to know if it is possible to tow their Super Duty Pickup with all four wheels on the ground. There are various terms for this capability, the most common of which is Neutral towing, also known as "four-wheel-down" or "flat" towing
- The **only** Super Duty Pickups that can be Neutral towed are those equipped with a manual 4x4 transfer case
- For specific towing methods or restrictions, be sure to consult the Super Duty Pickup Owner Guide under Recreational Towing

ENGINEERING INSIGHT

Electric-Over-Hydraulic (EOH) Trailer Brakes

What are EOH Brakes?

- Electric-Over-Hydraulic trailer brakes, more commonly known as EOH, differ from the more common electric trailer brakes
- EOH brakes are operated by an electrically powered pump that pressurizes a hydraulic fluid reservoir
- The fluid reservoir pressurizes either a wheel cylinder (drum brakes) or a caliper (disc brakes) in much the same way a vehicle master cylinder applies pressure to the braking system

What You Should Know

- EOH trailer brakes are more expensive than electric trailer brakes, but offer desirable benefits to certain customers, including:
  - Smoother operation
  - More responsive/predictable braking
  - Compatible with operation in wet environments (such as boat trailers)
- The factory-installed TBC is already compatible with certain EOH systems in the trailer marketplace (see chart at left)
- EOH trailer brakes are becoming more common in the trailer marketplace, so be sure to determine if the customer uses an EOH-equipped trailer since the Ford TBC would be a strong sales advantage

5th-wheel/Gooseneck Hitches

5th-wheel gooseneck hitches are mounted in the pickup bed to help distribute the trailer weight over the rear axle of the vehicle. The receiver centerline should be mounted at least two inches forward of the rear axle centerline of the vehicle. This mounting location will distribute the king pin weight of the trailer for optimum load-carrying and sway control performance. Failure to follow these recommendations can adversely affect the braking, steering and handling characteristics of the tow vehicle.

Care must also be taken to maintain nominal clearance from the back of the cab to the front of the trailer during tight cornering or backing maneuvers. Shorter pickup boxes, such as the 6.75-foot box, provide less clearance between the cab and the 5th-wheel or gooseneck trailer compared to an 8.0-foot box. When selecting a vehicle to tow a specific trailer, it's critical that the combination provide adequate clearance between the cab and trailer for turns up to and including 90 degrees. Failure to follow this recommendation could result in the trailer contacting the tow vehicle cab, possibly making contact resulting in damage to the tow vehicle, the trailer or both.

5th-wheel/Gooseneck Hitch Prep Package (53W)

- Available on all models
- Provides the necessary under-the-bed hardware to allow mounting of a 5th-wheel/gooseneck hitch in the pickup bed to put more of the trailer weight over the tow vehicle
- Includes:
  - Integrated (patented) frame-mounted under-bed crossmember that offers provisions to install either type of hitch
  - Five pickup bed attachment points (laser cut) with trim bezels and close-out plugs
  - 7-pin trailer wire harness connector integrated into the driver side of the pickup bed inner wall
- Compatibility with 5th-wheel hitches:
  - Factory orderable 5th-wheel Hitch Kit (15K)
  - Dealer-installed Ford Custom Accessories 5th-wheel hitch by Reese® (Part# BC3Z-19D520-A, fits 8.0-foot box only)
  - Reese Signature Series 5th-wheel hitch kits updated with a new Leg Service Kit (Part# BC3Z-A00A25-A, fits 8.0-foot box only)
  - 5th-wheel hitch kit has a maximum gross trailer weight rating of 25,000 lbs. (Always check the Gross Combination Weight Rating (GCWR) of the tow vehicle for safety.)
  - Not compatible with 6.75-foot box
- Compatibility with gooseneck hitches:
  - Factory orderable Gooseneck Hitch Kit (15J) (6.75- and 8.0-foot boxes)
  - Dealer-installed Ford Custom Accessories Gooseneck hitch by Reese (Part# BC3Z-19F503-A) (fits both 6.75- and 8.0-foot boxes)
  - Gooseneck Hitch Kit has a patented "drop-in" 2 5/16" hitch ball that can be installed and removed from inside the bed and a maximum gross trailer weight rating of 25,000 lbs. (Always check the Gross Combination Weight Rating (GCWR) of the tow vehicle for safety.)

Key Benefits to the Prep and Hitch Packages

- Super Duty customers rely on their truck for its capability and are very knowledgeable about towing hitches and towing accessories — this package and the towing accessories are an opportunity for you to provide what they need right at the dealership
- Prep package is designed and built for Ford and is covered by the Ford Motor Company New Vehicle Limited Warranty for 3 years/36,000 miles
- Vehicle bed is prepped at the factory so there is less chance of corrosion to the bed compared to having the bed modified by an aftermarket installer
- Prep package can be installed from the factory and a hitch installed at a later time with no loss of pickup bed functionality

Prep Package Accessories

- Visit **accessories.dealerconnection.com** for more information on other accessories like lube plates, hitch locks and more

NOTE: See ***e*SourceBook** for additional 5th-wheel/gooseneck Trailer Hitch Prep Package information including a downloadable Prep Kit Job Aid.



Selling Tip

Be sure to determine if a customer intends on using their current equipment since the hitch prep package may not be compatible with their current hitch or accessories. It's important to remember the gooseneck ball is not compatible with any current aftermarket hitches.

F-250/F-350/F-450 Super Duty Pickups

Wheels

F-250 SRW Pickup

Wheel	Ordering Code	XL	XLT	Lariat	King Ranch
17" Argent Painted Steel Wheel with Painted Hub Cover/Center Ornament (17" x 7.5") 	64A	Standard	—	—	—
17" Cast Aluminum 5-spoke Wheel with Bright Hub Cover/ Center Ornament (17" x 7.5") 	64W	Optional	Standard	—	—
18" Cast Aluminum Wheel with Bright Hub Cover/Center Ornament (18" x 8") 	648	—	Optional	—	—
18" Bright Machined Cast Aluminum 6-spoke with Bright Hub Cover/Center Ornament (18" x 8") 	64C	—	—	Standard	—
18" Bright Machined Cast Aluminum Wheel with King Ranch Logo Center Cap (18" x 8") 	—	—	—	—	Standard
18" Chrome-clad Cast Aluminum Wheel with Bright Hub Cover/Center Ornament (18" x 8") 	647	—	—	Optional(1)	Optional(2)

— = Not available
(1) Included in Chrome Package (17C) and XLT Premium Package (17P).
(2) Included in King Ranch with Chrome Package (17R).
NOTE: See the latest Dealer Ordering Guide for wheel availability.

F-250 SRW Pickup cont'd

Wheel		Ordering Code	XL	XLT	Lariat	King Ranch
20" Premium Cast Aluminum Wheel with Bright Hub Cover/ Center Ornament (20" x 8")		642	—	—	Optional(1) (SuperCab and Crew Cab)	—
20" Chrome-clad Cast Aluminum Wheel with Bright Hub Cover/Center Ornament (20" x 8")		644	—	—	Optional(2)	Optional(3)
20" Premium Cast Aluminum Wheel with King Ranch Hub Cover/Center Ornament (20" x 8")		643	—	—	—	Optional(1)

— = Not available

(1) 4x4 diesel-equipped models only.

(2) Available only with optional Chrome Package (17C).

(3) Available only with optional King Ranch with Chrome Package (17R).

NOTE: See the latest Dealer Ordering Guide for wheel availability.

F-350 SRW Pickup

Wheel	Ordering Code	XL	XLT	Lariat	King Ranch
17" Argent Painted Steel Wheel with Painted Hub Cover/Center Ornament (17" x 7.5") 	64A	Standard	—	—	—
17" Cast Aluminum 5-spoke Wheel with Bright Hub Cover/ Center Ornament (17" x 7.5") 	64W	Optional	Standard	—	—
18" Argent Painted Steel Wheel with Painted Hub Cover/Center Ornament (18" x 7.5") 	64F	Optional	—	—	—
18" Cast Aluminum Wheel with Bright Hub Cover/Center Ornament (18" x 8") 	648	—	Optional	—	—
18" Bright Machined Cast Aluminum 6-spoke with Bright Hub Cover/Center Ornament (18" x 8") 	64C	—	—	Standard	—
18" Bright Machined Cast Aluminum Wheel with King Ranch Logo Center Cap (18" x 8") 	—	—	—	—	Standard
18" Chrome-clad Cast Aluminum Wheel with Bright Hub Cover/Center Ornament (18" x 8") 	647	—	—	Optional(1)	Optional(2)

— = Not available
(1) Included in Chrome Package (17C) and XLT Premium Package (17P).
(2) Included in King Ranch with Chrome Package (17R).
NOTE: See the latest Dealer Ordering Guide for wheel availability.

F-350 SRW Pickup cont'd

Wheel		Ordering Code	XL	XLT	Lariat	King Ranch
20" Premium Cast Aluminum Wheel with Bright Hub Cover/ Center Ornament (20" x 8")		642	—	—	Optional(1) (SuperCab and Crew Cab)	—
20" Chrome-clad Cast Aluminum Wheel with Bright Hub Cover/Center Ornament (20" x 8")		644	—	—	Optional(2)	Optional(3)
20" Premium Cast Aluminum Wheel with King Ranch Hub Cover/Center Ornament (20" x 8")		643	—	—	—	Optional(1)

— = Not available
(1) 4x4 diesel-equipped models only.
(2) Available only with optional Chrome Package (17C).
(3) Available only with optional King Ranch with Chrome Package (17R).
NOTE: See the latest Dealer Ordering Guide for wheel availability.

F-350/F-450 DRW Pickup

Wheel	Ordering Code	XL	XLT	Lariat	King Ranch
17" Argent Painted Steel Wheel (17" x 6.5") 	64K	Standard F-350	Standard F-350	—	—
17" Forged Polished Aluminum Wheel with Bright Hub Cover/Center Ornament (17" x 6.5") (Rear wheel shown) 	64J	Standard F-450 Optional F-350	Standard F-450 Optional F-350	Standard F-350/ F-450	—
17" Forged Polished Aluminum Wheel with King Ranch Logo Center Cap (17" x 6.5") (Rear wheel shown) 	—	—	—	—	Standard
17" Stainless Steel Wheel Covers (Front and Rear) 	945	Optional	Optional	—	—

— = Not available
NOTE: See the latest Dealer Ordering Guide for wheel availability.

F-250/F-350/F-450 Super Duty Pickups
Color and Trim

2012

Color and Trim Availability — Monotone

Exterior Color	Order Code	XL	XLT		Lariat	
		Vinyl/Cloth	Cloth	Cloth	Leather	Leather
		Steel	Adobe	Steel	Adobe	Black
New Autumn Red Metallic(1)	GT		■		■	■
Black	UD	■	■	■	■	■
Dark Blue Pearl Metallic	DX	■		■		■
Forest Green Metallic	GG	■	■	■	■	■
Golden Bronze Metallic	V7		■		■	■
Ingot Silver Metallic	UX	■		■		■
Oxford White	Z1	■	■	■	■	■
Pale Adobe Metallic	LQ	■(2)	■		■	■
Sterling Gray Metallic	UJ	■		■		■
Vermillion Red	F1	■	■	■	■	■
White Platinum Metallic Tri-coat	UG				■	■

(1) Late availability, Job #2.
(2) Fleet only.

Color and Trim Availability — Two-Tone

Exterior Color	Order Code	Lariat		King Ranch	
		Leather	Leather	Chaparral Leather	Chaparral Leather
		Adobe	Black	Adobe	Black
New Autumn Red Metallic(1)/Pale Adobe Metallic	GT/LQ	■	■	■	■
Black/Pale Adobe Metallic	UD/LQ	■	■	■	■
Black/Sterling Gray Metallic	UD/UJ		■		
Dark Blue Pearl Metallic/Sterling Gray Metallic	DX/UJ		■		
Forest Green Metallic/Pale Adobe Metallic	GG/LQ	■	■	■	■
Forest Green Metallic/Sterling Gray Metallic	GG/UJ		■		
Golden Bronze Metallic/Pale Adobe Metallic	V7/LQ	■	■	■	■
Ingot Silver Metallic/Sterling Gray Metallic	UX/UJ		■		
Oxford White/Pale Adobe Metallic	Z1/LQ	■	■	■	■
Oxford White/Sterling Gray Metallic	Z1/UJ		■		
White Platinum Metallic Tri-coat/Pale Adobe Metallic	UG/LQ	■	■	■	■

(1) Late availability, Job #2.

F-250/F-350/F-450 Super Duty Pickups

Color and Trim

Interior Trim

Interior Trim Type and Color Selector **NOTE:** First character denotes type, second character denotes color Interior and Seat Color	Steel	Adobe
XL		
HD Vinyl 40/20/40 Split Bench with Center Armrest, Cup Holder and Storage	AS	NA
Cloth 40/20/40 Split Bench	1S	NA
Vinyl 40/Mini-console/40 (Regular Cab only)	LS	NA
Cloth 40/Mini-console/40	2S	NA
XLT		
Cloth 40/20/40 Split Bench, 20 percent Center Underseat Locking Storage with Center Armrest, Cup Holder and Storage	3S	3A
Cloth Luxury 40/Locking Console/40 with 6-way Power Driver Seat, 4-way Adjustable Driver/Front Passenger Head Restraints (SuperCab and Crew Cab only; 4x4 requires ESOF, NA with Carpet Delete)	2S	2A

Interior Trim Type and Color Selector **NOTE:** First character denotes type, second character denotes color Interior and Seat Color	Adobe	Black
Lariat		
Premium Leather Seating Surfaces, 40/Console/40, 10-way Power Driver and Passenger Seating, 4-way Adjustable Driver/Front Passenger Head Restraints	5A	5B
Leather Seating Surfaces, 40/20/40 Split Bench, 10-way Power Driver and Passenger Seating, 4-way Adjustable Driver/Front Passenger Head Restraints	6A	6B

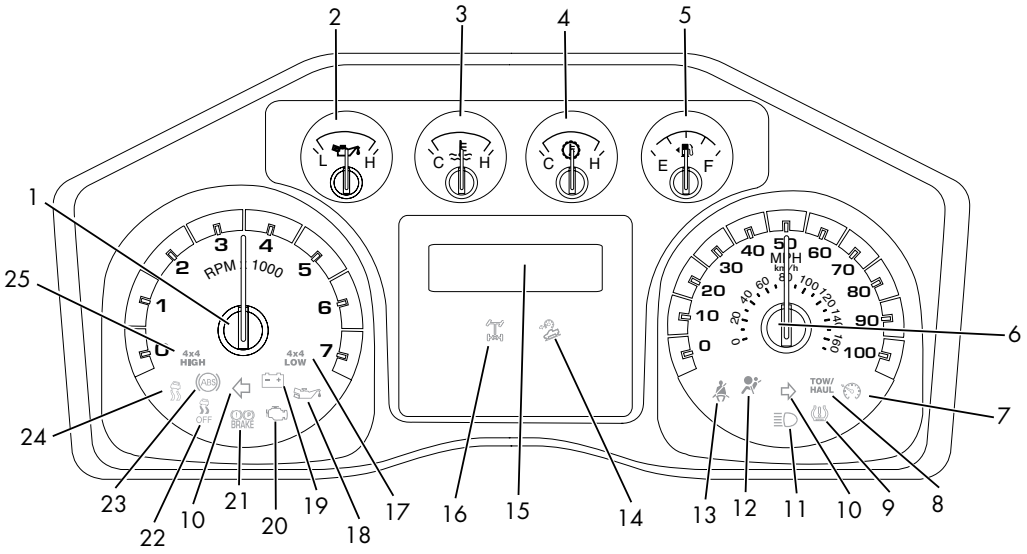
Interior Trim Type and Color Selector **NOTE:** First character denotes type, second character denotes color Interior Environment Seat Color	Adobe	Black
	Red/Maroon	
King Ranch (17K)		
King Ranch Chaparral Leather Seating Surfaces, Front 40/Console/40 with matching 60/40 Rear Bench with Lockable Underseat Storage Partitioned with 12V Powerpoint, Dual Integrated Cup Holders in Armrest and 4-way Adjustable Driver/Front Passenger Head Restraints; 10-way Power, Memory and Heated/Cooled Driver and Passenger Seating	SA	SB

F-250/F-350/F-450 Super Duty Pickups

Instrument Clusters

2012

Instrument Cluster — Standard

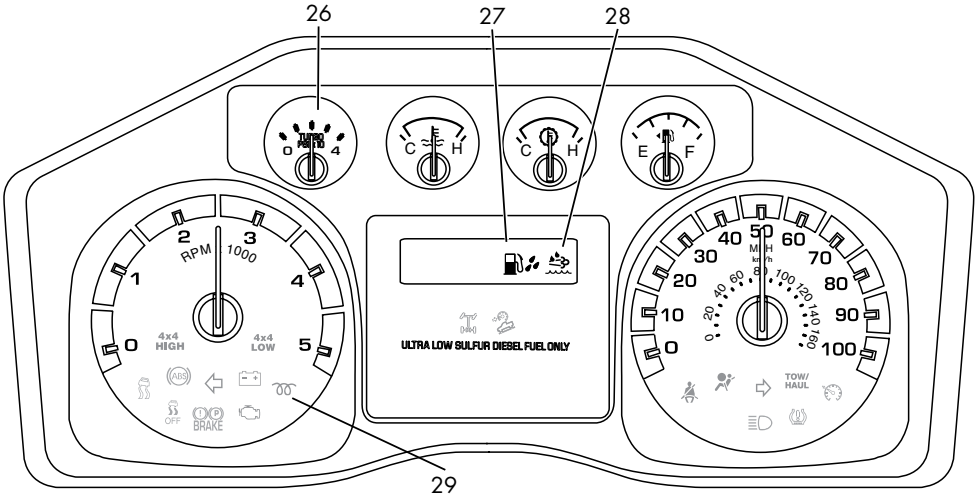


1. Tachometer
2. Engine oil pressure gauge
3. Engine coolant temperature gauge
4. Transmission fluid temperature gauge
5. Fuel gauge
6. Speedometer
7. Cruise control indicator light
8. Tow/Haul indicator light
9. Low tire pressure warning light
10. Turn signal indicators
11. High-beam indicator
12. Airbag service light
13. Fasten safety belt warning light
14. Hill Descent mode indicator light (if equipped)
15. Message Center/odometer/ trip odometer
16. Electronic locking differential indicator light (if equipped)
17. 4x4 LOW indicator light
18. Low engine oil pressure warning light
19. Charging system warning light
20. Check engine warning light
21. Brake system warning light/ parking brake indicator light
22. AdvanceTrac/Traction Control disabled indicator light
23. Anti-lock Braking System (ABS) service light
24. AdvanceTrac/Traction Control active indicator light
25. 4x4 HIGH indicator light

Diesel engine only (see below)

26. Turbocharger boost gauge
27. Water in fuel warning light
28. Low/contaminated Diesel Exhaust Fluid (DEF) warning light
29. Glow plug preheat indicator

Instrument Cluster — Diesel(1)

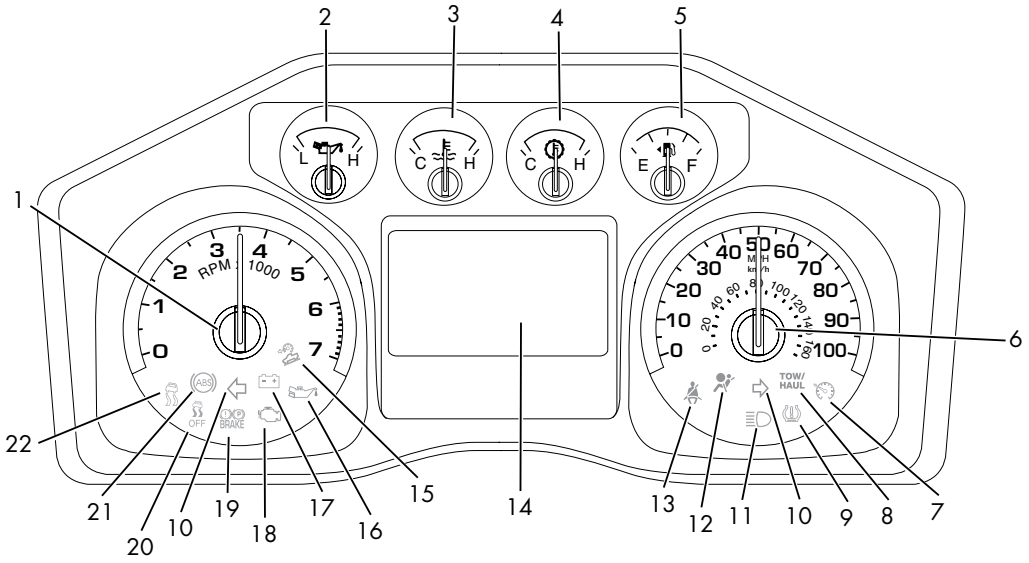


(1) If equipped.

F-250/F-350/F-450 Super Duty Pickups

Instrument Clusters

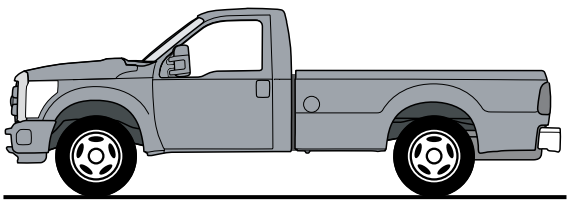
Instrument Cluster — Optional



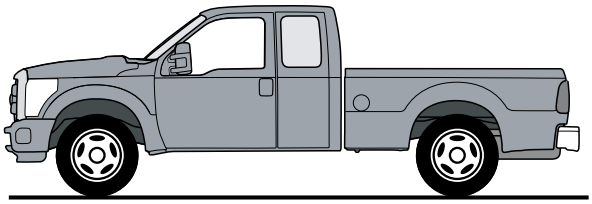
1. Tachometer
2. Engine oil pressure gauge
3. Engine coolant temperature gauge
4. Transmission fluid temperature gauge
5. Fuel gauge
6. Speedometer
7. Cruise control indicator light
8. Tow/Haul indicator light
9. Low tire pressure warning light
10. Turn signal indicators
11. High-beam indicator
12. Airbag service light
13. Fasten safety belt warning light
14. 4.2" LCD Productivity screen/ odometer/trip odometer
15. Hill Descent Control indicator light (if equipped)
16. Low engine oil pressure warning light
17. Charging system warning light
18. Check engine warning light
19. Brake system warning light/ parking brake indicator light
20. AdvanceTrac/Traction Control disabled indicator light
21. Anti-lock Braking System (ABS) service light
22. AdvanceTrac/Traction Control active indicator light

F-250/F-350/F-450 Super Duty Pickups
Configurations

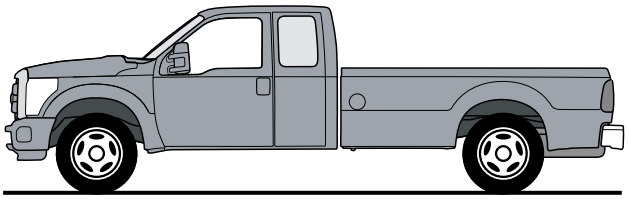
2012



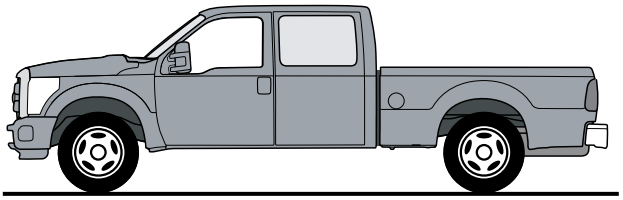
Regular Cab: 137.0" WB 4x2/137.0" WB 4x4



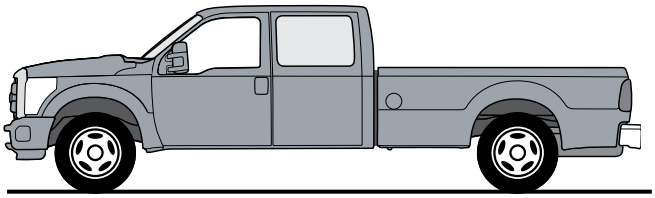
SuperCab SWB: 141.8" WB 4x2/141.8" WB 4x4



SuperCab LWB: 158.0" WB 4x2/158.0" WB 4x4



Crew Cab SWB: 156.2" WB 4x2/156.2" WB 4x4



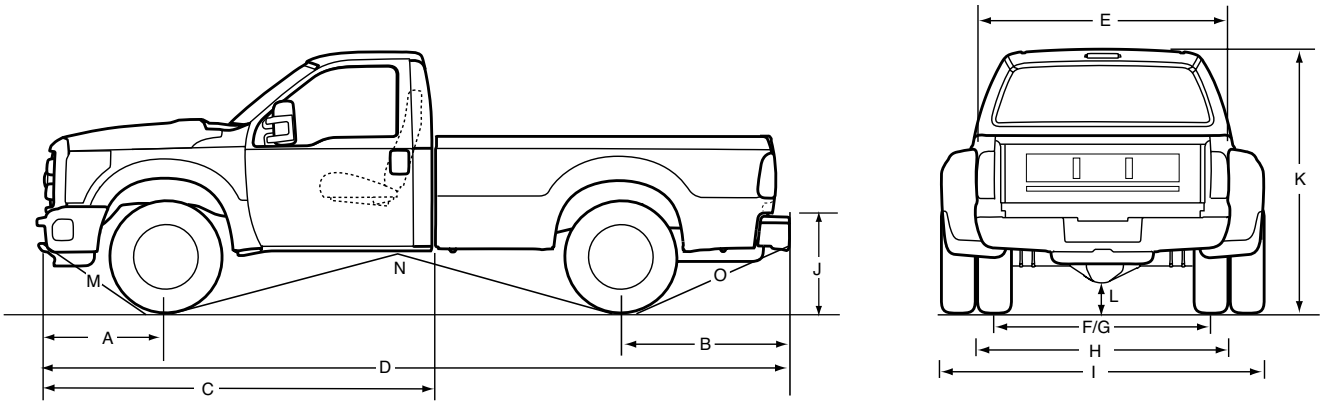
Crew Cab LWB: 172.4" WB 4x2/172.4" WB 4x4

2011 F-250/F-350/F-450 Super Duty Pickup Lineup							
Model/ Cab	**Drive**	**Wheelbase (in.)**	**Back-of-Cab-to-Rear Axle (in.)**	**Box Length (ft.)**	**Box Delete**	**SRW**	**DRW**
F-250							
Regular Cab	4x2 4x4	137.0	56.3	8	X	X	—
SuperCab	4x2 4x4	141.8	40.0	6¾	—	X	—
SuperCab	4x2 4x4	158.0	56.2	8	X	X	—
Crew Cab	4x2 4x4	156.2	39.9	6¾	—	X	—
Crew Cab	4x2 4x4	172.4	56.3	8	X	X	—
F-350							
Regular Cab	4x2 4x4	137.0	56.3	8	X	X	X
SuperCab	4x2 4x4	141.8	40.0	6¾	—	X	—
SuperCab	4x2 4x4	158.0	56.2	8	X	X	X
Crew Cab	4x2 4x4	156.2	39.9	6¾	—	X	—
Crew Cab	4x2 4x4	172.4	56.3	8	X	X	X
F-450							
Crew Cab	4x4	172.4	56.3	8	—	—	X

X = Available — = Not available

F-250/F-350/F-450 Super Duty Pickups

Dimensions



Body Dimensions
REGULAR CAB PICKUP

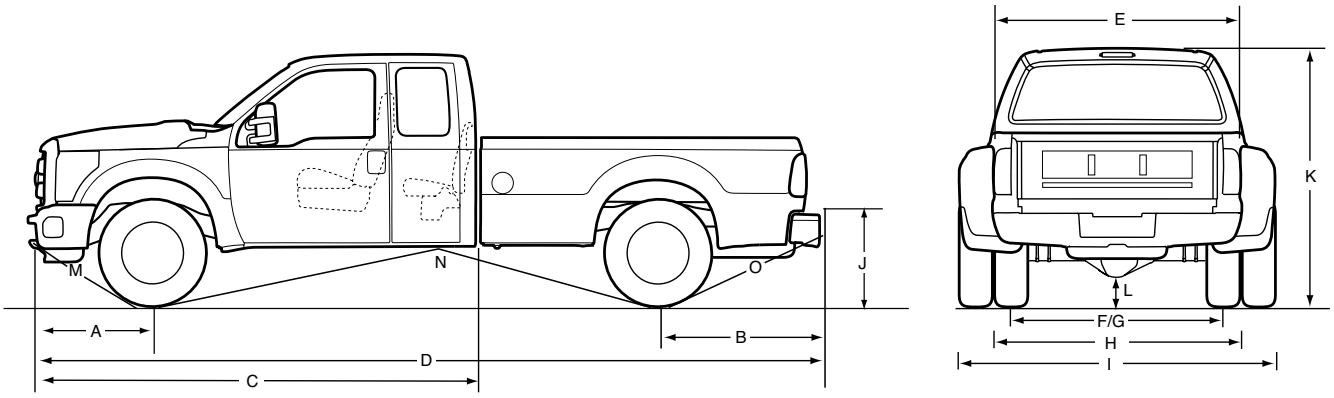
Super Duty Series		F-250		F-350	
Drive		4x2	4x4	4x2	4x4
Wheelbase (in.)		137.0	137.0	137.0	137.0
Single/Dual Rear Wheel		SRW	SRW	SRW/DRW	SRW/DRW
Code	Description (in.)				
A	Front Overhang Length	38.1	38.1	38.1	38.1
B	Rear Overhang Length	52.4	52.4	52.4	52.4
C	Front Bumper To Back Of Cab Length	118.9	118.9	118.9	118.9
D	Overall Length	227.6	227.6	227.6	227.6
E	Vehicle Width (excluding mirrors)	79.9	79.9	79.9/96.0	79.9/96.0
F	Front Track Width	68.3	68.3	68.3	68.3
G	Rear Track Width	67.2	67.2	67.2/—	67.2/—
H	Tire Center Width (DRW)	—	—	—/68.3	—/68.3
I	Tire Outside Width (DRW)	—	—	—/95.9	—/95.9
J	Open Tailgate To Ground Height (empty)(1)	35.2	36.3	34.7/35.0	38.5/36.4
K	Cab Height (empty)(1)	76.6	79.2	76.5/76.7	80.0/79.5
L	Minimum Running Ground Clearance	8.5	8.2	8.5/8.1	8.2/8.0
M	Approach Angle (loaded) (degrees)	18.0	19.4	18.1/18.2	18.8/19.2
N	Ramp Breakover Angle (loaded) (degrees)	17.5	20.4	17.2/17.5	21.5/20.4
O	Departure Angle (loaded) (degrees)	17.8	19.2	17.3/17.6	21.5/19.3

(1) Height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances.

FUEL TANK CAPACITY

137.0	Standard gasoline	Midship	35.0
	Standard diesel	Midship	26.0

Dimensions cont'd



Body Dimensions (cont'd)
SUPERCAB PICKUP

Super Duty Series		**F-250**				**F-350**			
Drive		4x2		4x4		4x2		4x4	
Wheelbase (in.)		141.8	158.0	141.8	158.0	141.8	158.0	141.8	158.0
Single/Dual Rear Wheel		SRW	SRW	SRW	SRW	SRW	SRW/DRW	SRW	SRW/DRW
Code	Description (in.)								
A	Front Overhang Length	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
B	Rear Overhang Length	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
C	Front Bumper To Back Of Cab Length	139.8	139.8	139.8	139.8	139.8	139.8	139.8	139.8
D	Overall Length	232.4	248.6	232.4	248.6	232.4	248.6	232.4	248.6
E	Vehicle Width (excluding mirrors)	79.9	79.9	79.9	79.9	79.9	79.9/96.0	79.9	79.9/96.0
F	Front Track Width	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
G	Rear Track Width	67.2	67.2	67.2	67.2	67.2	67.2/—	67.2	67.2/—
H	Tire Center Width (DRW)	—	—	—	—	—	—/68.3	—	—/68.3
I	Tire Outside Width (DRW)	—	—	—	—	—	—/95.9	—	—/95.9
J	Open Tailgate To Ground Height (empty)(1)	34.8	34.4	35.6	35.4	34.4	34.1/34.3	37.9	38.0/35.7
K	Cab Height (empty)(1)	77.0	76.9	79.5	79.3	76.9	76.7/76.9	80.4	80.2/79.7
L	Minimum Running Ground Clearance	8.5	8.5	8.2	8.1	8.5	8.5/8.1	8.2	8.2/8.0
M	Approach Angle (loaded) (degrees)	18.1	18.7	20.1	20.0	18.2	18.8/19.0	19.5	19.3/20.6
N	Ramp Breakover Angle (loaded) (degrees)	16.9	15.8	19.8	18.1	16.7	15.6/15.9	20.9	19.2/18.6
O	Departure Angle (loaded) (degrees)	17.4	17.0	18.5	18.3	17.0	16.6/16.9	20.9	21.1/18.7

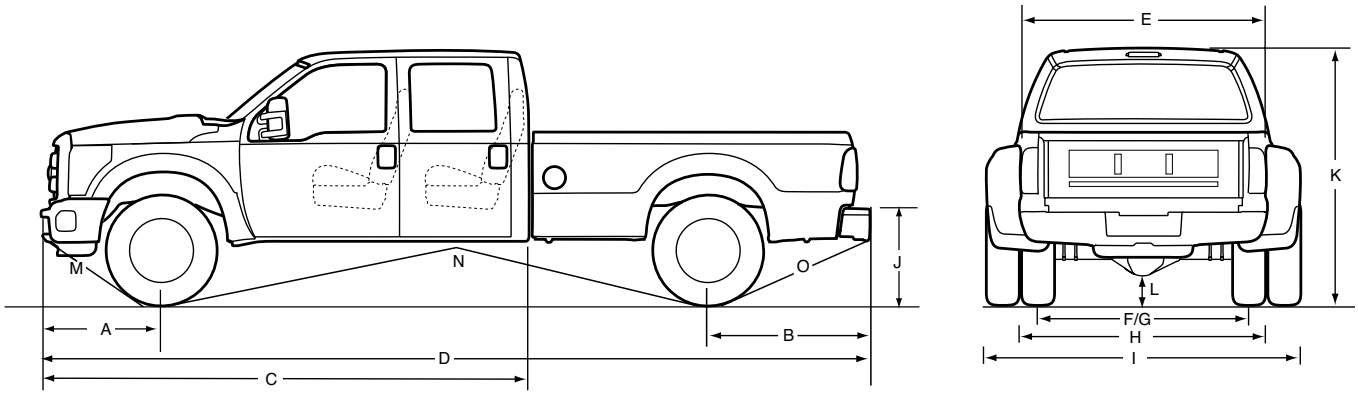
(1) Height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances.

FUEL TANK CAPACITY

Wheelbase (in.)	**Availability**	**Location**	**Capacity (gallons)**
141.8	Standard gasoline	Midship	35.0
	Standard diesel	Midship	26.0
158.0	Standard gasoline	Midship	35.0
	Standard diesel	Midship	37.5

F-250/F-350/F-450 Super Duty Pickups

Dimensions cont'd



Body Dimensions (cont'd)

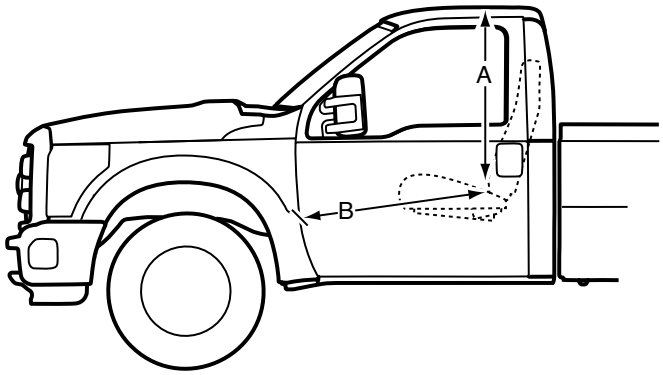
CREW CAB PICKUP

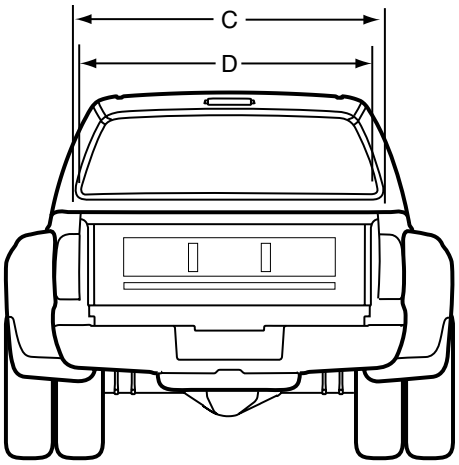
Super Duty Series		F-250				F-350				F-450
Drive		4x2		4x4		4x2		4x4		4x4
Wheelbase (in.)		156.2	172.4	156.2	172.4	156.2	172.4	156.2	172.4	172.4
Single/Dual Rear Wheel		SRW	SRW	SRW	SRW	SRW	SRW/ DRW	SRW	SRW/ DRW	DRW
Code	Description (in.)									
A	Front Overhang Length	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
B	Rear Overhang Length	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
C	Front Bumper To Back Of Cab Length	154.2	154.2	154.2	154.2	154.2	154.2	154.2	154.2	154.2
D	Overall Length	246.8	263.0	246.8	263.0	246.8	263.0	246.8	263.0	263.0
E	Vehicle Width (excluding mirrors)	79.9	79.9	79.9	79.9	79.9	79.9/ 96.0	79.9	79.9/ 96.0	96.0
F	Front Track Width	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	74.8
G	Rear Track Width	67.2	67.2	67.2	67.2	67.2/—	67.2/—	67.2/—	67.2/—	75.9
H	Tire Center Width (DRW)	—	—	—	—	—	—/68.3	—	—/68.3	74.8
I	Tire Outside Width (DRW)	—	—	—	—	—	—/95.9	—	—/95.9	95.9
J	Open Tailgate To Ground Height (empty)(1)	34.2	34.1	35.1	35.0	33.9	33.8/ 34.1	37.8	37.7/ 35.6	35.4
K	Cab Height (empty)(1)	77.4	77.3	79.7	79.8	77.2	77.2/ 77.3	80.8	80.8/ 79.9	79.7
L	Minimum Running Ground Clearance	8.5	8.5	8.1	8.1	8.5	8.5/8.0	8.2	8.2/8.0	8.0
M	Approach Angle (loaded) (degrees)	18.7	18.9	20.0	20.6	18.8	19.0/ 19.1	19.3	20.0/ 20.3	19.8
N	Ramp Breakover Angle (loaded) (degrees)	15.7	15.0	18.1	17.3	15.5	14.8/ 15.0	19.2	18.2/ 17.4	17.0
O	Departure Angle (loaded) (degrees)	16.7	16.7	18.0	17.9	16.4	16.3/ 16.7	20.8	20.8/ 18.5	18.3

(1) Height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances.

FUEL TANK CAPACITY

Wheelbase (in.)	Availability	Location	Capacity (gallons)
156.2	Standard gasoline	Midship	35.0
	Standard diesel	Midship	26.0
172.4	Standard gasoline	Midship	35.0
	Standard diesel	Midship	37.5



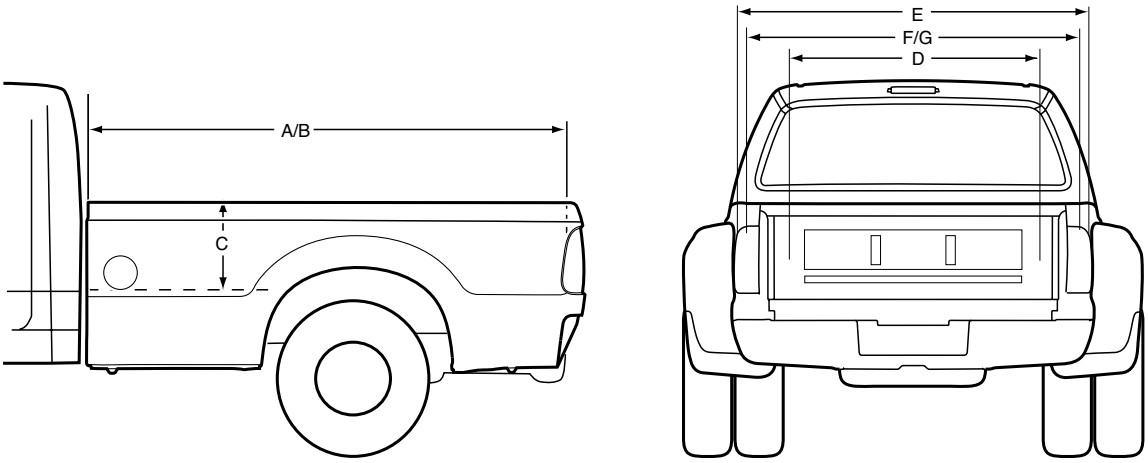


Body Dimensions (cont'd)
Cab Dimensions

Cab Style		Regular Cab	SuperCab	Crew Cab
Interior Volumes (cu. ft.)				
Passenger (Front)		65.9	65.9	65.9
Passenger (Rear)		—	47.4	67.6
Total Passenger		65.9	113.3	133.5
Cargo (Rear of Front Seat)		—	39.5	58.6
Code	**Description (Front/Rear) (in.)**			
A	Head Room	40.7/—	40.7/38.1	40.7/40.8
B	Leg Room	41.1/—	41.1/31.6	41.1/42.1
C	Shoulder Room	68.0/—	68.0/68.1	68.0/68.0
D	Hip Room	67.6/—	67.6/67.3	67.6/67.6

F-250/F-350/F-450 Super Duty Pickups

Dimensions cont'd



Pickup Box Dimensions
STYLESIDE PICKUP BOX

Nominal Box Size (ft.)		6.75	8
Rear Wheels		SRW	SRW/DRW
Cargo Volume (cu. ft.)		64.1	77.3
Code	**Description (in.)**		
A	Cargo Length @ Floor	81.8	98.0
B	Cargo Length @ Top	80.1	96.3
C	Inside Height	20.0	20.0
D	Width Between Wheelhouses	50.9	50.9
E	Maximum Width @ Floor	69.3	69.3
F	Rear Opening Width @ Floor	60.6	60.6
G	Rear Opening Width @ Top	60.6	60.6

F-250 Styleside Pickup/Pickup Box Delete(1) — GVWR/Payload/ARC/Spring and GAWR (Front Computer-Selected Except with Snowplow)/Base Curb Weight

					GAWR (lbs.)(4)			Base Curb Weight (lbs.)		
Cab Style/ Drive/WB	Engine/ Auto. Trans.	Max. GVWR (lbs.) Std./Opt.	Max. Payload (lbs.)(2) Std./Opt.	OPT/ARC Weight (lbs.)(3)	Front	Rear	Front Snow-plow	Front	Rear	Total
Regular Cab 4x2 — 137	6.2L	10,000/ 9900	4290/ 4190	2364	3950	6290/ 6200	—	3346	2540	5886
	6.7L	10,000/ 9900	3550/ 3450	1514	4550	6100	—	3920	2615	6535
Regular Cab 4x4 — 137	6.2L	10,000/ 9900	3790/ 3650	1910	4400	6100	5600	3709	2631	6340
	6.7L	10,000/ 9900	3120/ 3020	1087	4800	6100	6000	4191	2771	6962
SuperCab 4x2 — 141.8	6.2L	10,000/ 9900	3900/ 3800	2066	4250	6200	—	3471	2713	6184
	6.7L	10,000/ 9900	3230/ 3130	2055	4850	6100	—	4064	2789	6853
SuperCab 4x2 — 158	6.2L	10,000/ 9900	3800/ 3700	1967	4400	6100	—	3564	2719	6283
	6.7L	10,000/ 9900	3060/ 2960	1891	5000	6100	—	4182	2835	7017
SuperCab 4x4 — 141.8	6.2L	10,000/ 9900	3490/ 3390	1652	4800	6100	5600/ 6000	3817	2781	6598
	6.7L	10,000/ 9900	2860/ 2760	1692	5200	6100	6000	4385	2831	7216
SuperCab 4x4 — 158	6.2L	10,000/ 9900	3380/ 3280	1549	4800	6100	6000	3934	2767	6701
	6.7L	10,000/ 9900	2640/ 2540	1474	5600	6100	6000	4535	2899	7434
Crew Cab 4x2 — 156.2	6.2L	10,000/ 9900	3690/ 3590	1852	4400	6100	—	3582	2816	6398
	6.7L	10,000/ 9900	3020/ 2920	1853	5000	6100	—	4167	2888	7055
Crew Cab 4x2 — 172.4	6.2L	10,000/ 9900	3580/ 3480	1746	4550	6100	—	3681	2823	6504
	6.7L	10,000/ 9900	2850/ 2750	1679	5250	6100	—	4289	2940	7229
Crew Cab 4x4 — 156.2	6.2L	10,000/ 9900	3290/ 3190	1463	4800	6100	6000	3941	2846	6787
	6.7L	10,000/ 9900	2630/ 2530	1465	5600	6100	6000	4515	2928	7443
Crew Cab 4x4 — 172.4	6.2L	10,000/ 9900	3170/ 3070	1336	5200	6100	6000	4056	2858	6914
	6.7L	10,000/ 9900	2420/ 2320	1259	5600	6100	6000	4660	2989	7649

(1) Pickup Box Delete available with Regular Cab 137" WB, SuperCab 158" WB and Crew Cab 172.4" WB models with 6.2L or 6.7L engines only. Base Curb Weights shown above are for completed pickup truck models with standard equipment and the engine/transmission combination indicated. To adjust the "Base Curb Weight" to reflect Pickup Box Delete, add 2 lbs. to the "Front" weight and subtract 547 lbs. from the "Total" weight (adjust the "Rear" weight by subtracting "Front" from "Total"). This provides the weight effect of deleting the pickup box, rear step bumper and standard spare tire, wheel and carrier. Please also refer to footnote 3.

(2) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by optional equipment weight.

(3) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment (Accessory Reserve Capacity) for completed pickup truck models with standard equipment and the powertrain combination indicated. To adjust the OPT/ARC weights to reflect Pickup Box Delete, add 547 lbs. Please also refer to footnote 1.

(4) Gross Axle Weight Rating is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVW rating or GAWR (front or rear).

NOTE: Refer to page 72 for Standard Powertrain/Chassis Equipment Specifications.

NOTE: The standard front spring/GAWR on Pickup models is computer-selected based on the total front weight of options ordered. Front spring/GAWR upgrades range from 3650 lbs. to 5250 lbs. (4x2) and 4000 lbs. to 6000 lbs. (4x4). Certain option packages include the following front spring/GAWR upgrades: Heavy Service Front Suspension Package and Heavy Service Package For Pickup Box Delete — Front springs/GAWR will be selected 1 upgrade higher than standard computer selection; Camper Package — Front springs/GAWR will be selected 2 upgrades higher than standard computer selection on 4x2 models and 1 upgrade higher than standard computer selection on 4x4 models; Snowplow Package — Front springs/GAWR is assigned or specifically selected as shown in the chart above. Front spring/GAWR upgrade is not included if the maximum front spring has been computer-selected as a consequence of options ordered.

Weight Ratings cont'd

F-350 SRW Styleside Pickup/Pickup Box Delete(1) with 17" Tires/Wheels — GVWR/Payload/ARC/Spring and GAWR (Front Computer-Selected Except with Snowplow)/Base Curb Weight

Cab Style/ Drive/WB	Engine/ Auto. Trans.	Maximum GVWR (lbs.) Std./Opt.	Maximum Payload (lbs.)(2) Std./Opt.	OPT/ ARC Weight (lbs.)(3)	GAWR (lbs.)(4)			Base Curb Weight (lbs.)		
					Front	Rear	Front Snow-plow	Front	Rear	Total
Regular Cab 4x2 — 137	6.2L	10,000/10,000	4140/4140	2296	3950	6290	—	3346	2608	5954
	6.7L	10,500/10,000	3980/3480	1446	4550	6290	—	3920	2683	6603
Regular Cab 4x4 — 137	6.2L	10,400/10,000	4090/3690	1853	4400	6290	5600	3709	2688	6397
	6.7L	10,800/10,000	3840/3040	1010	5200	6290	6000	4291	2748	7039
SuperCab 4x2 — 141.8	6.2L	10,000/10,000	3830/3830	1998	4250	6290	—	3471	2781	6252
	6.7L	10,700/10,000	3860/3160	1987/1967	4850	6290	—	4064	2857	6921
SuperCab 4x2 — 158	6.2L	10,200/10,000	3960/3760	1928	4400	6290	—	3564	2758	6322
	6.7L	10,800/10,000	3820/3020	1853	5000	6290	—	4182	2873	7055
SuperCab 4x4 — 141.8	6.2L	10,500/10,000	3930/3430	1595	4800	6290	6000	3817	2838	6655
	6.7L	11,100/10,000	3880/2780	1615	5200	6290	6000	4685	2908	7293
SuperCab 4x4 — 158	6.2L	10,700/10,000	4040/3340	1511	4800	6290	6000	3934	2805	6739
	6.7L	11,200/10,000	3800/2600	1436	5600	6290	6000	4535	2937	7472
Crew Cab 4x2 — 156.2	6.2L	10,200/10,000	3850/3650	1813	4400	6290	—	3582	2855	6437
	6.7L	10,800/10,000	3790/2990	1815	5000	6290	—	4167	2926	7093
Crew Cab 4x2 — 172.4	6.2L	10,500/10,000	4010/3510	1678	4550	6290	—	3681	2891	6572
	6.7L	11,100/10,000	3910/2810	1641	5250	6290	—	4289	2978	7267
Crew Cab 4x4 — 156.2	6.2L	10,600/10,000	3860/3260	1425	4800	6290	6000	3941	2884	6825
	6.7L	11,200/10,000	3790/2590	1427	5600	6290	6000	4515	2966	7481
Crew Cab 4x4 — 172.4	6.2L	10,800/10,000	3930/3130	1298	5200	6290	6000	4056	2896	6952
	6.7L	11,200/10,000	3590/2390	1221	5600	6290	6000	4660	3027	7687

(1) Pickup Box Delete available with Regular Cab 137" WB, SuperCab 158" WB and Crew Cab 172.4" WB models with 6.2L or 6.7L engines only. Base Curb Weights shown above are for completed pickup truck models with standard equipment and the engine/transmission combination indicated. To adjust the "Base Curb Weight" to reflect Pickup Box Delete, add 2 lbs. to the "Front" weight and subtract 547 lbs. from the "Total" weight (adjust the "Rear" weight by subtracting "Front" from "Total"). This provides the weight effect of deleting the pickup box, rear step bumper and standard spare tire, wheel and carrier. Please also refer to footnote 3.

(2) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by optional equipment weight.

(3) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment (Accessory Reserve Capacity) for completed pickup truck models with standard equipment and the powertrain combination indicated. To adjust the OPT/ARC weights to reflect Pickup Box Delete, add 547 lbs. Please also refer to footnote 1.

(4) Gross Axle Weight Rating is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVW rating or GAWR (front or rear).

NOTE: Refer to page 73 for Standard Powertrain/Chassis Equipment Specifications.

NOTE: The standard front spring/GAWR on Pickup models is computer-selected based on the total front weight of options ordered. Front spring/GAWR upgrades range from 3650 lbs. to 5250 lbs. (4x2) and 4000 lbs. to 6000 lbs. (4x4). Certain option packages include the following front spring/GAWR upgrades: Heavy Service Front Suspension Package and Heavy Service Package For Pickup Box Delete — Front springs/GAWR will be selected 1 upgrade higher than standard computer selection; Camper Package — Front springs/GAWR will be selected 2 upgrades higher than standard computer selection on 4x2 models and 1 upgrade higher than standard computer selection on 4x4 models; Snowplow Package — Front springs/GAWR is assigned or specifically selected as shown in the chart above. Front spring/GAWR upgrade is not included if the maximum front spring has been computer-selected as a consequence of options ordered.

Weight Ratings cont'd

F-350 SRW 4x2 Styleside Pickup/Pickup Box Delete[1] with 18" Tires/Wheels — GVWR/Payload/ARC/Spring and GAWR (Front Computer-Selected Except with Snowplow)/Base Curb Weight

Cab Style/ Drive/WB	Engine/ Auto. Trans.	Maximum GVWR (lbs.) Std.	Maximum Payload (lbs.)[2] Std.	OPT/ ARC Weight (lbs.)[3]	GAWR (lbs.)[4]			Base Curb Weight (lbs.)		
					Front	Rear	Front Snow-plow	Front	Rear	Total
Regular Cab	6.2L	10,500	4630	2231	4100	6730	—	3371	2648	6019
4x2 — 137.0	6.7L	11,000	4430	1381	4550	6730	—	3945	2723	6668
SuperCab	6.2L	10,500	4280	1933	4250	6730	—	3496	2821	6317
4x2 — 141.8	6.7L	11,000	4110	1922	4850	6730	—	4089	2897	6986
SuperCab	6.2L	10,900	4540	1788	4550	6730	—	3589	2798	6387
4x2 — 158	6.7L	11,500	4470	1788	5250	6730	—	4207	2913	7120
Crew Cab	6.2L	10,700	4220	1673	4400	6730	—	3607	2895	6502
4x2 — 156.2	6.7L	11,400	4330	1750	5000	6730	—	4192	2966	7158
Crew Cab	6.2L	11,000	4460	1613	4700	6730	—	3706	2931	6637
4x2 — 172.4	6.7L	11,500	4260	1576	5250	6730	—	4314	3018	7332

(1) Pickup Box Delete available with Regular Cab 137" WB, SuperCab 158" WB and Crew Cab 172.4" WB models with 6.2L or 6.7L engines only. Base Curb Weights shown above are for completed pickup truck models with standard equipment and the engine/transmission combination indicated. To adjust the "Base Curb Weight" to reflect Pickup Box Delete, add 2 lbs. to the "Front" weight and subtract 547 lbs. from the "Total" weight (adjust the "Rear" weight by subtracting "Front" from "Total"). This provides the weight effect of deleting the pickup box, rear step bumper and standard spare tire, wheel and carrier. Please also refer to footnote 3.

(2) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by optional equipment weight.

(3) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment (Accessory Reserve Capacity) for completed pickup truck models with standard equipment and the powertrain combination indicated. To adjust the OPT/ARC weights to reflect Pickup Box Delete, add 547 lbs. Please also refer to footnote 1.

(4) Gross Axle Weight Rating is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVW rating or GAWR (front or rear).

NOTE: Refer to page 73 for Standard Powertrain/Chassis Equipment Specifications.

NOTE: The standard front spring/GAWR on Pickup models is computer-selected based on the total front weight of options ordered. Front spring/GAWR upgrades range from 3650 lbs. to 5250 lbs. (4x2) and 4000 lbs. to 6000 lbs. (4x4). Certain option packages include the following front spring/GAWR upgrades: Heavy Service Front Suspension Package and Heavy Service Package For Pickup Box Delete — Front springs/GAWR will be selected 1 upgrade higher than standard computer selection; Camper Package — Front springs/GAWR will be selected 2 upgrades higher than standard computer selection on 4x2 models and 1 upgrade higher than standard computer selection on 4x4 models; Snowplow Package — Front springs/GAWR is assigned or specifically selected as shown in the chart above. Front spring/GAWR upgrade is not included if the maximum front spring has been computer-selected as a consequence of options ordered.

F-350 SRW 4x4 Styleside Pickup/Pickup Box Delete(1) with 18" All-Season Tires/ Wheels — GVWR/Payload/ARC/Spring and GAWR (Front Computer-Selected Except with Snowplow)/Base Curb Weight

Cab Style/ Drive/WB	Engine/ Auto. Trans.	Maximum GVWR (lbs.) Std./Opt.	Maximum Payload (lbs.)(2) Std./Opt.	OPT/ ARC Weight (lbs.)(3)	GAWR (lbs.)(4)			Base Curb Weight (lbs.)		
					Front	Rear	Front Snow-plow	Front	Rear	Total
Regular Cab 4x4 — 137.0	6.2L	10,500	4140	1788	4400	6730	5600	3734	2728	6462
	6.7L	11,000	3990	945	5200	6730	6000	4316	2788	7104
SuperCab 4x4 — 141.8	6.2L	10,600	3980	1530	4800	6730	6000	3842	2878	6720
	6.7L	11,200	3930	1550	5200	6730	6000	4410	2948	7358
SuperCab 4x4 — 158	6.2L	10,800	4090	1446	4800	6730	6000	3959	2845	6804
	6.7L	11,300	3850	1371	5600	6730	6000	4560	2977	7537
Crew Cab 4x4 — 156.2	6.2L	10,800	4000	1360	4800	6730	6000	3966	2924	6890
	6.7L	11,300	3840	1362	5600	6730	6000	4540	3006	7546
Crew Cab 4x4 — 172.4	6.2L	11,000	4080	1233	5200	6730	6000	4081	2936	7017
	6.7L	11,300	3630	1156	5600	6730	6000	4685	3067	7752

(1) Pickup Box Delete available with Regular Cab 137" WB, SuperCab 158" WB and Crew Cab 172.4" WB models with 6.2L or 6.7L engines only. Base Curb Weights shown above are for completed pickup truck models with standard equipment and the engine/transmission combination indicated. To adjust the "Base Curb Weight" to reflect Pickup Box Delete, add 2 lbs. to the "Front" weight and subtract 547 lbs. from the "Total" weight (adjust the "Rear" weight by subtracting "Front" from "Total"). This provides the weight effect of deleting the pickup box, rear step bumper and standard spare tire, wheel and carrier. Please also refer to footnote 3.

(2) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by optional equipment weight.

(3) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment (Accessory Reserve Capacity) for completed pickup truck models with standard equipment and the powertrain combination indicated. To adjust the OPT/ARC weights to reflect Pickup Box Delete, add 547 lbs. Please also refer to footnote 1.

(4) Gross Axle Weight Rating is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVW rating or GAWR (front or rear).

NOTE: Refer to page 73 for Standard Powertrain/Chassis Equipment Specifications.

NOTE: The standard front spring/GAWR on Pickup models is computer-selected based on the total front weight of options ordered. Front spring/GAWR upgrades range from 3650 lbs. to 5250 lbs. (4x2) and 4000 lbs. to 6000 lbs. (4x4). Certain option packages include the following front spring/GAWR upgrades: Heavy Service Front Suspension Package and Heavy Service Package For Pickup Box Delete — Front springs/GAWR will be selected 1 upgrade higher than standard computer selection; Camper Package — Front springs/GAWR will be selected 2 upgrades higher than standard computer selection on 4x2 models and 1 upgrade higher than standard computer selection on 4x4 models; Snowplow Package — Front springs/GAWR is assigned or specifically selected as shown in the chart above. Front spring/GAWR upgrade is not included if the maximum front spring has been computer-selected as a consequence of options ordered.

F-350 SRW 4x4 Styleside Pickup/Pickup Box Delete[1] with 18" (inc. 20" with Diesel) All-Terrain Tires/Wheels — GVWR/Payload/ARC/Spring and GAWR (Front Computer-Selected Except with Snowplow)/Base Curb Weight

Cab Style/ Drive/WB	Engine/ Auto. Trans.	Maximum GVWR (lbs.) Std./Opt.	Maximum Payload (lbs.)[2] Std./Opt.	OPT/ ARC Weight (lbs.)[3]	GAWR (lbs.)[4]			Base Curb Weight (lbs.)		
					Front	Rear	Front Snow-plow	Front	Rear	Total
Regular Cab (with Camper Pkg.) 4x4 — 137.0	6.2L	11,300	4940	1745	4400	7180	5600	3752	2753	6505
		11,100	4690	1745	4400	7000	5600	3752	2753	6505
	6.7L	11,500	4440	902	5200	7000	6000	4334	2813	7147
SuperCab 4x4 — 141.8	6.2L	11,100	4430	1487	4800	7000	6000	3860	2903	6763
	6.7L	11,500	4190	1507	5200	7000	6000	4428	2973	7401
SuperCab 4x4 — 158	6.2L	11,000	4250	1403	4800	7000	6000	3877	2970	6847
	6.7L	11,500	4010	1328	5600	7000	6000	4578	3002	7580
Crew Cab 4x4 — 156.2	6.2L	11,300	4460	1317	4800	7000	6000	3984	2949	6933
	6.7L	11,500	4000	1319	5600	7000	6000	4558	3031	7589
Crew Cab 4x4 — 172.4	6.2L	11,200	4230	1190	5200	7000	6000	4099	2961	7060
	6.7L	11,500	3790	1113	5600	7000	6000	4703	3092	7795

(1) Pickup Box Delete available with Regular Cab 137" WB, SuperCab 158" WB and Crew Cab 172.4" WB models with 6.2L or 6.7L engines only. Base Curb Weights shown above are for completed pickup truck models with standard equipment and the engine/transmission combination indicated. To adjust the "Base Curb Weight" to reflect Pickup Box Delete, add 2 lbs. to the "Front" weight and subtract 547 lbs. from the "Total" weight (adjust the "Rear" weight by subtracting "Front" from "Total"). This provides the weight effect of deleting the pickup box, rear step bumper and standard spare tire, wheel and carrier. Please also refer to footnote 3.

(2) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by optional equipment weight.

(3) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment (Accessory Reserve Capacity) for completed pickup truck models with standard equipment and the powertrain combination indicated. To adjust the OPT/ARC weights to reflect Pickup Box Delete, add 547 lbs. Please also refer to footnote 1.

(4) Gross Axle Weight Rating is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVW rating or GAWR (front or rear).

NOTE: Refer to page 73 for Standard Powertrain/Chassis Equipment Specifications.

NOTE: The standard front spring/GAWR on Pickup models is computer-selected based on the total front weight of options ordered. Front spring/GAWR upgrades range from 3650 lbs. to 5250 lbs. (4x2) and 4000 lbs. to 6000 lbs. (4x4). Certain option packages include the following front spring/GAWR upgrades: Heavy Service Front Suspension Package and Heavy Service Package For Pickup Box Delete — Front springs/GAWR will be selected 1 upgrade higher than standard computer selection; Camper Package — Front springs/GAWR will be selected 2 upgrades higher than standard computer selection on 4x2 models and 1 upgrade higher than standard computer selection on 4x4 models; Snowplow Package — Front springs/GAWR is assigned or specifically selected as shown in the chart above. Front spring/GAWR upgrade is not included if the maximum front spring has been computer-selected as a consequence of options ordered.

Weight Ratings cont'd

F-350 DRW Styleside Pickup/Pickup Box Delete[1] — GVWR/Payload/ARC/Spring and GAWR (Front Computer-Selected)/Base Curb Weight

Cab Style/ Drive/WB	Engine/ Auto. Trans.	Maximum GVWR (lbs.)	Maximum Payload (lbs.)[2]	OPT/ARC Weight (lbs.)[3]	GAWR (lbs.)[4]			Base Curb Weight (lbs.)		
					Front	Rear	Front Snow-plow	Front	Rear	Total
Regular Cab 4x2 — 137.0	6.2L	13,300	7110	458	4100	9500	—	3390	2996	6386
	6.7L	13,300	6400	442	4700	9000	—	3964	3071	7035
Regular Cab 4x4 — 137.0	6.2L	13,300	6610	517	4800	9100	5600	3753	3076	6829
	6.7L	13,300	5960	517	5200	9000	6000	4335	3136	7471
SuperCab 4x2 — 158	6.2L	13,300	6640	495	4550	9100	—	3615	3180	6795
	6.7L	13,300	5890	510	5250	9000	—	4233	3305	7538
SuperCab 4x4 — 158	6.2L	13,300	6210	563	5200	9000	6000	3985	3237	7222
	6.7L	13,300	5470	651	5600	9000	6000	4586	3369	7955
Crew Cab 4x2 — 172.4	6.2L	13,300	6410	676	4700	9000	—	3736	3287	7023
	6.7L	13,300	5670	636	5250	9000	—	4344	3413	7757
Crew Cab 4x4 — 172.4 (Box Delete)	6.2L	13,000	5990	654	5200	9000	6000	4111	3331	7442
	6.7L	13,300	5250	671	6000	9000	6000	4740	3435	8175
			5320	962	5940	9000	6000	4755	3051	7806

(1) Pickup Box Delete available with Regular Cab 137" WB, SuperCab 158" WB and Crew Cab 172.4" WB models with 6.2L or 6.7L engines only. Base Curb Weights shown above are for completed pickup truck models with standard equipment and the engine/transmission combination indicated. To adjust the "Base Curb Weight" to reflect Pickup Box Delete, add 2 lbs. to the "Front" weight and subtract 588 lbs. from the "Total" weight (adjust the "Rear" weight by subtracting "Front" from "Total"). This provides the weight effect of deleting the pickup box, rear step bumper and standard spare tire, wheel and carrier. Please also refer to footnote 3.

(2) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by optional equipment weight.

(3) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment (Accessory Reserve Capacity) for completed pickup truck models with standard equipment and the powertrain combination indicated. To adjust the OPT/ARC weights to reflect Pickup Box Delete, add 588 lbs. Please also refer to footnote 1.

(4) Gross Axle Weight Rating is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVW rating or GAWR (front or rear).

NOTE: Refer to page 74 for Standard Powertrain/Chassis Equipment Specifications.

NOTE: The standard front spring/GAWR on Pickup models is computer-selected based on the total front weight of options ordered. Front spring/GAWR upgrades range from 3650 lbs. to 5250 lbs. (4x2) and 4000 lbs. to 6000 lbs. (4x4). Certain option packages include the following front spring/GAWR upgrades: Heavy Service Front Suspension Package — Front springs/GAWR will be selected 1 upgrade higher than standard computer selection; Camper Package — Front springs/GAWR will be selected 2 upgrades higher than standard computer selection on 4x2 models and 1 upgrade higher than standard computer selection on 4x4 models; Snowplow Package — Front springs/GAWR is assigned or specifically selected as shown in the chart above. Front spring/GAWR upgrade is not included if the maximum front spring has been computer-selected as a consequence of options ordered.

F-450 DRW Styleside Pickup — GVWR/Payload/ARC/Spring and GAWR (Front Computer-Selected Except with Snowplow)/Base Curb Weight

					GAWR (lbs.)[3]			Base Curb Weight (lbs.)		
Cab Style/ Drive/WB	Engine/ Auto. Trans.	Maximum GVWR (lbs.)	Maximum Payload (lbs.)[1]	OPT/ ARC Weight (lbs.)[2]	Front	Rear	Front Snow-plow	Front	Rear	Total
Crew Cab 4x4 — 172.4	6.7L	13,300	5260	653	6000	9000	6000	4767	3411	8178

(1) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by optional equipment weight.
(2) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment (Accessory Reserve Capacity) for completed pickup truck models with standard equipment and the powertrain combination indicated.
(3) Gross Axle Weight Rating is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVW rating or GAWR (front or rear).

NOTE: Refer to page 75 for Standard Powertrain/Chassis Equipment Specifications.

NOTE: The standard front spring/GAWR on Pickup models is computer-selected based on the total front weight of options ordered. Front spring/GAWR upgrades range from 4000 lbs. to 6000 lbs. (4x4). Certain option packages include the following front spring/GAWR upgrades: Heavy Service Front Suspension Package — Front springs/GAWR will be selected 1 upgrade higher than standard computer selection; Camper Package — Front springs/GAWR will be selected 2 upgrades higher than standard computer selection on 4x4 models and 1 upgrade higher than standard computer selection on 4x4 models; Snowplow Package — Front springs/GAWR is assigned or specifically selected as shown in the chart above. Front spring/GAWR upgrade is not included if the maximum front spring has been computer-selected as a consequence of options ordered.

2012 F-250/F-350/F-450 Super Duty Pickups

Standard Powertrain/Chassis Equipment Specifications

F-250 Styleside Pickup/Pickup Box Delete[1]

DRIVE:		**4x2**	**4x4**
POWERTRAIN:		Refer to the Ordering Guide for 50 States Usage	
Engine	— Type	6.2L (379CID) 2-valve V8 SOHC Gas (E85 Flex Fuel)	
Transmission	— Type	Automatic	
	— Speeds	6-speed SelectShift with Tow/Haul Mode	
Transfer Case	— Type	—	Part-time, 2-Speed
	— Low/High Gear Ratio	—	2.72:1/1.00:1
AXLES:			
Front Axle	— Type	Twin I-beam IFS, Ford	Monobeam, Dana 60
	— Capacity (Rating @ Ground)	5250 lbs.	6000 lbs.
	— Hubs Type	—	Manual Locking
Rear Axle	— Type — Full-floating	Ford Sterling	Full Float Beam 10.5"
	— Capacity (Rating @ Ground)	6200 lbs.	
BRAKES:			
Front/Rear Disc	— Type	Dual-piston Pin-slider Calipers, Bolt-on Adapters, Wraparound Tie Bars	
	— Rotor Diameter — Front/Rear (in.)	13.66/13.39	
Power Assist Unit	— Type	Vacuum Boost	
	— Effective Diameter	10" (1.56" Power Piston with 6.7L V8 Diesel)	
Anti-lock System		4-wheel (4-channel) with RSC	
Parking Brake (Rear Brakes) (in.)		8.1 Drum-In-Hat (Foot-operated, Hand Release)	
ELECTRICAL:			
Alternator	— Rating	157 Amperes, 2100 Watt (single 200-amp or dual-combined 357-amp option with 6.7L V8 Diesel)	
Battery	— Type	Maintenance-free	
	— Rating	72 amp.-hr., 650 CCA (gas), 12-volt; dual 78 amp.-hr., 750 CCA with 6.7L Diesel)	
Harnesses	— Type	Trailer 7/4-wire Harness and Connector/Trailer Brake Wiring/Feed Kit (In-cab, No Controller)	
FUEL TANK:	— Capacity	Gasoline: 35 gallon (137.0", 141.8", 156.2", 158.0" and 172.4" Wheelbase) Diesel: 26 gallon (137.0", 141.8" and 156.2" Wheelbase) 37.5 gallon (158.0" and 172.4" Wheelbase)	
JACK:	— Capacity	2-ton	
STEERING:	— Type	Power, Ford XR-51 (Includes Steering Damper)	
	— Ratio	20.49:1 (4x2); 20.41:1 (4x4)	
SUSPENSION:			
Frame	— Type	Ladder-type, 36,000 psi Steel; Rear rails are upfit-friendly, open C-channel construction	
	— Section Modulus (cu. in.)	6.7	
Springs, Front	— Type	Coil, Computer-selected	
	— Rating @ Ground (min.)	Refer to page 65 for usage and ratings	
Springs, Rear	— Type	Leaf, Two-stage Variable-rate Main, Optional Leaf, Two-stage Variable Rate Main Plus Auxiliary	
	— Rating @ Ground (min.)	Refer to page 65 for usage and ratings	
Shock Absorbers	— Gas-type (in.)	1.38	
Stabilizer Bar		Front 33mm	Front 28mm
TIRES:	— Type	Steel-belted Radial, All-season, BSW	
	— Size	Refer to tire specifications section	
	— Spare Tire Carrier	Rear Underframe, Crank-down Type (Includes Lock)	
WHEELS:	— Type and Size	Five, 8-hole Disc, 17" x 7.5"J Steel	

(1) Available with Regular Cab, 158" WB SuperCab and 172.4" WB Crew Cab with 6.2L. Pickup Box Delete Option allows aftermarket installation of a second unit body. For details, refer to the Ford Body Builders Layout Book.

NOTE: Refer to page 65 for Standard and Optional Weight Rating Specifications (GVWR/Payload/Spring and GAWR/Base Curb Weight).

Standard Powertrain/Chassis Equipment Specifications cont'd

F-350 SRW Styleside Pickup/Pickup Box Delete(1)

DRIVE:		**4x2**	**4x4**
POWERTRAIN:		Refer to the Ordering Guide for 50 States Usage	
Engine	— Type	6.2L (379CID) 2-valve V8 SOHC Gas (E85 Flex Fuel)	
Transmission	— Type	Automatic	
	— Speeds	6-speed SelectShift with Tow/Haul Mode	
Transfer Case	— Type	—	Part-time, 2-speed
	— Low/High Gear Ratio	—	2.72:1/1.00:1
AXLES:			
Front Axle	— Type	Twin I-beam IFS, Ford	Monobeam, Dana 60
	— Capacity (Rating @ Ground)	5250 lbs.	6000 lbs.
	— Hubs Type	—	Manual Locking
Rear Axle	— Type — Full-floating	Ford Sterling	
	— Capacity (Rating @ Ground)	7280 lbs.	
BRAKES:			
Front/Rear Disc	— Type	Dual-piston Pin-slider Calipers, Bolt-on Adapters, Wraparound Tie Bars	
	— Rotor Diameter — Front/Rear (in.)	13.66/13.3	
Power Assist Unit	— Type	Vacuum Boost (gas) (Hydro-Boost with 6.7L V8 Diesel)	
	— Effective Diameter (in.)	10.0 (1.56 Power Piston with 6.7L V8 Diesel)	
Anti-lock System		4-wheel (4-channel) with RSC	
Parking Brake (Rear Brakes) (in.)		8.1 Drum-in-Hat (Foot-operated, Hand Release)	
ELECTRICAL:			
Alternator	— Rating	157 Amperes, 2100 Watt (single 200-amp or dual-combined 357-amp option with 6.7L V8 Diesel)	
Battery	— Type	Maintenance-free	
	— Rating	72 amp.-hr., 650 CCA (gas), 12-volt; dual 78 amp.-hr., 750 CCA with 6.7L Diesel)	
Harnesses	— Type	Trailer 7/4-wire Harness and Connector/Trailer Brake Wiring/Feed Kit (In-cab, No Controller)	
FUEL TANK:	— Capacity (gal.)	Gasoline: 35 (137.0", 141.8", 156.2", 158.0" and 172.4" Wheelbase) Diesel: 26 (137.0", 141.8" and 156.2" Wheelbase) 37.5 (158.0" and 172.4" Wheelbase)	
JACK:	— Capacity	2-ton	
STEERING:	— Type	Power, Ford XR-51 (Includes Steering Damper)	
	— Ratio	20.49:1 (4x2); 20.41:1 (4x4)	
SUSPENSION:			
Frame	— Type	Ladder-type, 36,000 psi Steel; Rear rails are upfit-friendly, open C-channel construction	
	— Section Modulus (cu. in.)	6.7	
Springs, Front	— Type	Coil, Computer-selected	
	— Rating @ Ground (min.)	Refer to pages 66–69 for usage and ratings	
Springs, Rear	— Type	Leaf, Two-stage Variable-rate Main Plus Auxiliary	
	— Rating @ Ground (min.)	Refer to pages 66–69 for usage and ratings	
Shock Absorbers	— Gas-type (in.)	1.38	
Stabilizer Bar		Front 33mm	Front 28mm
TIRES:	— Type	Steel-belted Radial, All-season, BSW	
	— Size	Refer to tire specifications section	
	— Spare Tire Carrier	Rear Underframe, Crank-down Type (Includes Lock)	
WHEELS:	— Type and Size	Five, 8-hole Disc, 17" x 7.5"J Steel	

(1) Available with Regular Cab, 158" WB SuperCab and 172.4" WB Crew Cab only. Pickup Box Delete Option allows aftermarket installation of a second unit body. For details refer to the Ford Body Builders Layout Book.

NOTE: Refer to pages 66–69 for Standard and Optional Weight Rating Specifications (GVWR/Payload/Spring and GAWR/Base Curb Weight).

F-250/F-350/F-450 Super Duty Pickups

Standard Powertrain/Chassis Equipment Specifications cont'd

F-350 DRW Styleside Pickup/Pickup Box Delete[1]

DRIVE:		4x2	4x4
POWERTRAIN:		Refer to the Ordering Guide for 50 States Usage	
Engine	— Type	6.2L (379CID) 2-valve V8 SOHC Gas (E85 Flex Fuel)	
Transmission	— Type	TorqShift Automatic	
	— Speeds	6-speed SelectShift with Tow/Haul Mode	
Transfer Case	— Type	—	Part-time, 2-speed
	— Low/High Gear Ratio	—	2.72:1/1.00:1
AXLES:			
Front Axle	— Type	Twin I-beam IFS, Ford	Monobeam, Dana 60
	— Capacity (Rating @ Ground)	5250 lbs.	6000 lbs.
	— Hubs Type	—	Manual Locking
Rear Axle	— Type — Full-floating	Dana Model 80	
	— Capacity (Rating @ Ground)	9650 lbs.	
BRAKES:			
Front/Rear Disc	— Type	Dual-piston Pin-slider Calipers, Bolt-on Adapters, Wraparound Tie Bars	
	— Rotor Diameter — Front/Rear (in.)	13.66/13.39	
Power Assist Unit	— Type	Hydro-Boost	
	— Effective Diameter (in.)	1.56 Power Piston	
Anti-lock System		4-wheel (3-channel)	
Parking Brake (Rear Brakes) (in.)		8.1 Drum-in-Hat (Foot-operated, Hand Release)	
ELECTRICAL:			
Alternator	— Rating	157 Amperes, 2100 Watt (single 200-amp or dual-combined 357-amp option with 6.7L V8 diesel)	
Battery	— Type	Maintenance-free	
	— Rating	72 amp.-hr., 650 CCA (gas), 12-volt; dual 78 amp.-hr., 750 CCA With 6.7L V8 Diesel)	
Harnesses	— Type	Trailer 7/4-wire Harness and Connector/Trailer Brake Wiring/Feed Kit (In-cab, No Controller)	
FUEL TANK:	— Capacity (gal.)	Gasoline: 35 (137.0", 141.8", 156.2", 158.0" and 172.4" Wheelbase) Diesel: 26 (137.0", 141.8" and 156.2" Wheelbase) 37.5 (158.0" and 172.4" Wheelbase)	
JACK:	— Capacity	4-ton	
STEERING:	— Type	Power, Ford XR-51 (Includes Steering Damper)	
	— Ratio	20.49:1 (4x2); 20.41:1 (4x4)	
SUSPENSION:			
Frame	— Type	Ladder-type, 36,000 psi Steel; Rear rails are upfit-friendly, open C-channel construction	
	— Section Modulus (cu. in.)	6.7	
Springs, Front	— Type	Coil, Computer-selected	
	— Rating @ Ground (min.)	Refer to page 70 for usage and ratings	
Springs, Rear	— Type	Leaf, Two-stage Variable Rate Main Plus Auxiliary	
	— Rating @ Ground (min.)	Refer to page 70 for usage and ratings	
Shock Absorbers	— Gas-Type (in.)	1.38	
Stabilizer Bar		Front 24mm/Rear 22mm	Front 24mm/Rear 22mm
TIRES:	— Type	Steel-belted Radial, All-season, BSW	
	— Size	Refer to tire specifications sections	
	— Spare Tire Carrier	Rear Underframe, Crank-down Type (Includes Lock)	
WHEELS:	— Type and Size	Seven, 8-hole Disc, 17" x 6.5"J Steel	

(1) Available with Regular Cab, 158" WB SuperCab and 172.4" WB Crew Cab only. Pickup Box Delete Option allows aftermarket installation of a second unit body. For details refer to the Ford Body Builders Layout Book.

NOTE: Refer to page 70 for Standard and Optional Weight Rating Specifications (GVWR/Payload/Spring and GAWR/Base Curb Weight).

Standard Powertrain/Chassis Equipment Specifications cont'd

F-450 DRW Styleside Pickup

DRIVE:		**4x4**
POWERTRAIN:		Refer to the Ordering Guide for 50 States Usage
Engine	— Type	6.7L (406CID) 4V V8 Power Stroke Turbo Diesel (B20 Biodiesel capable)
Transmission	— Type	TorqShift Automatic
	— Speeds	6-speed SelectShift with Tow/Haul Mode
Transfer Case	— Type	Part-time, 2-speed
	— Low/High Gear Ratio	2.72:1/1.00:1
AXLES:		
Front Axle	— Type	Monobeam, Dana Super 60
	— Capacity (Rating @ Ground)	6000 lbs.
	— Hubs Type	Manual Locking
Rear Axle	— Type — Full-floating	Dana Model 80
	— Capacity (Rating @ Ground)	9650 lbs.
BRAKES:		
Front/Rear Disc	— Type	Dual-piston Pin-slider Calipers, Bolt-on Adapters, Wraparound Tie Bars
	— Rotor Diameter — Front/Rear (in.)	14.53/15.35
Power Assist Unit	— Type	Hydro-Boost
	— Effective Diameter (in.)	1.56 Power Piston
Anti-lock System		4-wheel (3-channel)
Parking Brake (Rear Brakes) (in.)		8.1 Drum-in-Hat (Foot-operated, Hand Release)
ELECTRICAL:		
Alternator	— Rating	157 Amperes, 2100 Watt (single 200-amp or dual-combined 357-amp option with 6.7L V8 Diesel)
Battery	— Type	Maintenance-free
	— Rating	Dual 78 amp.-hr., 750 CCA
Harnesses	— Type	Trailer 7/4-wire Harness and Connector/Trailer Brake Wiring/Feed Kit (In-cab, No Controller)
FUEL TANK:	— Capacity (gal.)	37.5
JACK:	— Capacity	4-ton
STEERING:	— Type	Power, Ford XR-51 (Includes Steering Damper)
	— Ratio	20.41:1
SUSPENSION:		
Frame	— Type	Ladder Type, 36,000 psi Steel; Rear rails are upfit-friendly, open C-channel construction
	— Section Modulus (cu. in.)	6.7
Springs, Front	— Type	Coil, Assigned Rating
	— Rating @ Ground (min.)	Refer to page 71 for usage and ratings
Springs, Rear	— Type	Leaf, Two-Stage Variable Rate Main Plus Auxiliary
	— Rating @ Ground (min.)	Refer to page 71 for usage and ratings
Shock Absorbers	— Gas-Type (in.)	1.38
Stabilizer Bar		Front 32mm/Rear 22mm
TIRES:	— Type	Steel-belted Radial, All-season, BSW
	— Size	Refer to tire specifications section
	— Spare Tire Carrier	Rear Underframe, Crank-down Type (Includes Lock)
WHEELS:	— Type and Size	Seven, 8-hole Disc, 17" x 6.5" J Aluminum

NOTE: Refer to page 71 for Standard and Optional Weight Rating Specifications (GVWR/Payload/Spring and GAWR/Base Curb Weight).

Axles

FRONT AXLE SPECIFICATIONS — 4x2

Super Duty Series/Model			F-250/F-350
Make			Ford
Max. Rating @ Ground (lbs.)			5250
Axle	—	Type	Twin-I-beam w/Ball Joint Spindle
	—	Material	Nodular Cast Iron
	—	Spring Centers (in.)	45.5
Radius Arms	—	No.	2
	—	Material	Stamped, High-strength Low-alloy Steel
Ball Joint			Lubed-for-Life Ball Joints
Spindle	—	Material	Nodular Cast Iron Body w/Forged Steel Stem
Wheel Bearings	—	Type	Tapered Roller

FRONT AXLE SPECIFICATIONS — 4x4

Super Duty Series/Model			F-250/F-350	F-450
Make			Dana Super 60	Dana Super 60
Axle Ratio			3.31/3.55/3.73/4.30	4.30
Max. Rating @ Ground (lbs.)			5600/6000	6000
Axle	–	Type	Monobeam, Live Spindle	
Material			Forged Steel	
Spring Centers (in.)			46.45	
Housing	—	Type	Unitized	
	—	Cover Attachment	Bolted	
Radius Arms	—	No.	2	
	—	Material	Stamped, High-strength Low-alloy Steel	
Wheel Bearings	—	Type	Tapered Roller	
Gears	—	Type	Hypoid	
Ring Gear	—	Pitch Diameter (in.)	10.0	
Pinion	—	Mounting	Above Center	
Differential	—	Type	2-pinion	
	—	Bearings	Tapered Roller	
Axle Shaft	—	Minimum Diameter (in.)	1.356	
	—	Diameter over Splines (in.)	1.47	
	—	No. of Splines (Hub End)	35	

Axles (cont'd)

REAR AXLE SPECIFICATIONS

Model		F-250	F-350 SRW	F-350 DRW Pickup	F-450 DRW Pickup
Make (Standard and Limited Slip)		Ford Sterling	Ford Sterling	Dana 80	Dana 80
Max. Rating @ Ground (lbs.)		6200	7280	9500	9500
Type		Full-floating			
Driveline Attachment		Circular Flange			
Housing	— Type	Cast Center			
	— Cover Attachment	Bolted			
Section	— Tube Dia. (in.)	3.50		4.00	
Synthetic Lubricant Capacity (pt.)		7.0		8.25	
Spring Centers (in.)		45.0			
Wheel Bearings	— Type	Tapered Roller			
Gears	— Type	Hypoid			
	— Material	Alloy Steel			
Ring Gear	— Pitch Dia. (in.)	10.50		11.25	
Pinion	— Mounting	Overhung			
Differential	— Type	(1)		2-pinion	
Axle Shaft	— Spline Minor Dia. (in.)	1.36	1.50		
	— Spline Major Dia. (in.)	1.50	1.57		
	— No. of Splines (Hub End)	35	37		

(1) 2-pinion with 6.2L (378 CID) SEFI V8. 3-pinion with 6.7L (409 CID) OHV V8 turbo diesel engine.

Brakes

HYDRAULIC BRAKE EQUIPMENT SPECIFICATIONS — FRONT/REAR DISC

Type	Super Duty Series/Model	Axle Usage (lbs.)	Rotor Dia. (in.) OD	Rotor Dia. (in.) ID	Brake Lining Segment	Area (sq. in.)/ Width (in.)/ Thickness (in.)	Caliper Piston No. Dia. (in.)	Gross Lining Area Per Axle (sq. in.)	Total Swept Area Per Axle (sq. in.)
Front Disc	F-250/F-350	5250/6000	13.66	9.06	Outboard	8.65/2.17/0.45	Dual/2.36	34.6	306.4
					Inboard	8.65/2.17/0.45			
	F-350 DRW	6000	13.66	9.06	Outboard	8.65/2.17/0.58	Dual/2.36	34.6	306.4
					Inboard	8.65/2.17/0.58			
	F-450	6000	14.53	9.06	Outboard	8.65/2.17/0.58	Dual/2.36	34.6	306.4
					Inboard	8.65/2.17/0.58			
Rear Disc	F-250/F-350 SRW	6200/7280	13.39	9.06	Outboard	7.40/1.92/0.33	Dual/1.89	29.6	272.01
					Inboard	7.40/1.92/0.33			
	F-350 DRW	9000/9750	13.39	9.06	Outboard	7.40/1.92/0.33	Dual/2.13	29.6	272.01
					Inboard	7.40/1.92/0.33			
	F-450	9000	15.35	9.06	Outboard	7.40/1.92/0.47	Dual/2.13	29.6	272.01
					Inboard	7.40/1.92/0.47			

BRAKE MASTER CYLINDER SPECIFICATIONS

Type	Model/Series	Bore Dia. (in.)	Booster Type
Dual System, Dash-mounted	All F-250/F-350 (Gas engine)	1.3125	Vacuum
	F-350 (Diesel)/F-450	1.50	Hydro

BRAKES BOOSTER SPECIFICATIONS

Make/Type	Super Duty Series/Model	Booster Type	Effective Dia. (in.)	Diaphragm Type
Dash-mounted	All F-250/F-350 (Gas engine)	Vacuum Boost	9.84	Dual
	F-350 (Diesel)/F-450	Hydro	1.56	Power Piston

Cooling Systems

COOLING SYSTEM SPECIFICATIONS

			Radiator										
				Core Size (in.)					Cooling System Capacity qts. (liters)		Fan Specifications		
Engine	Cooling	Trans. Usage	Frontal Area (sq. in.)	Height	Width	Thick-ness	Rows of Tubes	Fins Per Inch		In-Tank Trans. Cooler	Type	No. of Blades	Blade Dia. (in.)
6.2L 2V V8 SOHC (E85 Flex Fuel)	Standard	All	837	27.5	30.43	1.02	1	12.1	21.0 (20.0)	Standard	Plastic	8	20.0
6.7L 4V V8 OHV Power Stroke Turbo Diesel (B20 capable) Main Loop	Standard	All	1102	28.7	38.36	1.65	1	16.0	27.8 (26.3)	None	Plastic	9	24.57
6.7L 4V V8 OHV Power Stroke Turbo Diesel (B20 capable) Secondary Loop	Standard	All	828	21.0	39.37	1.65	1	18	11.05 (10.4)	Frame-mounted Oil-to-Coolant Heat Exchanger	(1)	(1)	(1)

(1) One fan for both systems.

AUXILIARY AUTOMATIC TRANSMISSION OIL COOLER APPLICATIONS

Model	Engine	Transmission	Cooler — No. of Channels
All	6.2L 2V SOHC V8	6-speed SelectShift Automatic with Tow/Haul Mode	20
	6.7L V8 Turbo Diesel	6-speed SelectShift Automatic with Tow/Haul Mode	None

Fuel System

FUEL SYSTEM DATA

Electronic Fuel Injection	Gas Engine	Sequential Multi-port Fuel Injection
	6.7L V8 Turbo Diesel	High-pressure Common Rail Fuel System
Fuel Pump	Gasoline Engine	Single Electric-In-Tank High-pressure (One Per Tank)
Fuel Filter	Gasoline Engine	In-tank Large Capacity (One)
	6.7L V8 Turbo Diesel	Full-flow, Disposable Filter/In-line Water Separator
Air Cleaner	All Engines	Dry Element, Replaceable

Steering

STEERING SPECIFICATIONS

Cab Style/ Drive	Series/ Body Style	Wheelbase (in.)	Power Steering[1]		Turning Diameter (ft.)	
			Gear Ratio	Overall Ratio	Curb-to-Curb	Wall-to-Wall
Regular Cab 4x2	Pickup	137.0 SRW	18.14	20.49:1	47.7	49.6
		137.0 DRW	18.14	20.49:1	47.7	49.6
Regular Cab 4x4	Pickup	137.0 SRW	18.14	20.41:1	46.1	48.0
		137.0 DRW	18.14	20.41:1	46.1	48.0
SuperCab 4x2	Pickup	141.8 SRW	18.14	20.49:1	49.1	51.1
		158.0 SRW	18.14	20.49:1	54.1	56.0
		158.0 DRW	18.14	20.49:1	54.1	56.0
SuperCab 4x4	Pickup	141.8 SRW	18.14	20.41:1	47.5	49.4
		158.0 SRW	18.14	20.41:1	52.3	54.2
		158.0 DRW	18.14	20.41:1	52.3	54.2
Crew Cab 4x2	F-250/F-350 Pickup	156.2 SRW	18.14	20.49:1	53.5	55.5
		156.2 DRW	18.14	20.49:1	53.6	55.5
		172.4 SRW	18.14	20.49:1	58.5	60.4
		172.4 DRW	18.14	20.49:1	58.5	60.4
Crew Cab 4x4	F-250/F-350 Pickup	156.2 SRW	18.14	20.41:1	51.8	53.7
		156.2 DRW	18.14	20.41:1	51.8	53.7
		172.4 SRW	18.14	20.41:1	56.5	58.4
		172.4 DRW	18.14	20.41:1	56.6	58.4
	F-450 Pickup	172.4 DRW	18.14	20.41:1	50.4	52.5

(1) Power steering fluid cooler is standard.

Suspensions

FRAME SPECIFICATIONS

Cab Style	Super Duty Series/Model	Wheelbase (in.)	No. of Crossmembers	Maximum Side Rail Section (Height x Width x Thickness) (in.)[1]	Section Modulus (cu. in.)[2]	Yield Strength (psi)
Regular Cab	F-250/F-350 Pickup/Box Delete	137.0	5	6.87 x 2.36 x .260	6.7	36,000
SuperCab	F-250/F-350 Pickup	141.8	6	6.87 x 2.36 x .260	6.7	36,000
	F-250/F-350 Pickup/Box Delete	158.0	6	6.87 x 2.36 x .260	6.7	36,000
Crew Cab	F-250/F-350 Pickup	156.2	6	6.87 x 2.36 x .260	6.7	36,000
	F-250/F-350/F-450 Pickup/Box Delete[3]	172.4	6	6.87 x 2.36 x .260	6.7	36,000

(1) Measured to inside of metal.
(2) Cross-sectional modulus calculated at back of cab, to inside of metal.
(3) Box Delete not available on F-450 Pickups.

SHOCK ABSORBER SPECIFICATIONS

Super Duty Model	Wheelbase (in.)	Usage	Front			Rear		
			No. Used	Piston Dia. (in.)	Type	No. Used	Piston Dia. (in.)	Type
Pickup	All	Std.	2	1.38	Gas-pressurized	2	1.38	Gas-pressurized

Suspensions (cont'd)

SPRING SPECIFICATIONS — FRONT COIL

Super Duty Series/Model	Combined Rating @ Ground (lbs.)	Height of Spring @ Design Load (in.)	Inside Dia. (in.)	Wire Dia. (in.)	Deflection Rate @ Ground (lbs. per in. ea.)
F-250/F-350 4x2	3800	12.5	4.3	.799	638
	3950	12.5	4.3	.799	638
	4100	12.5	4.3	.810	677
	4250	12.5	4.3	.810	677
	4400	12.5	4.3	.830	716
	4550	12.5	4.3	.830	716
	4700	12.5	4.3	.870	745
	4850	12.5	4.3	.870	745
	5000	12.5	4.3	.880	780
	5250	12.5	4.3	.880	780
F-250/F-350 4x4	4000	14.7	4.1	.670	349
	4400	14.7	4.1	.690	383
	4800	14.7	4.1	.720	410
	5200	14.7	4.1	.730	430
	5600	14.7	4.1	.760	469
	6000	14.7	4.1	.770	499
F-450 4x4	5200	14.7	4.1	.730	430
	5600	14.7	4.1	.760	469
	6000	14.7	4.1	.770	499
	6500	14.7	4.1	.800	553

SPRING SPECIFICATIONS — REAR LEAF

Super Duty Series/Model	Combined Rating @ Ground (lbs.)	No. of Leaves	Total Thickness @ Pad[1] (in.)	Overall Length (in.)	Width (in.)	Deflection Rate (lbs. per in./ Spring)[2] [3]	Rating Each @ Pad (lbs. per Spring)
Main Leaf Pack and Auxiliary Spring (Including Auxiliary Spacer)							
F-250 Pickup[4]	6100	4	4.75	66.3	3.00	349/654/1174	3133
F-250 Pickup[5]	6100	5	6.21	66.3	3.00	343/686/1639	3133
F-350 Pickup[6]	7000	4	4.75	66.3	3.00	349/654/1174	3133
F-350 SRW Pickup[7]	7000	5	6.21	66.3	3.00	343/686/1639	3133
F-350 DRW Pickup	9000	5	5.48	66.3	3.00	448/930/1800	4289
F-450	9000	5	5.48	66.3	3.00	448/930/1800	4289
Main Leaf Pack Only							
F-250 Pickup[8]	6100	3	3.28	66.3	3.00	324/782	2695
F-250 Pickup[9]	6100	4	3.62	66.3	3.00	314/650	2695

(1) Includes top plate.
(2) Pickup and Box Delete models include two-stage, variable-rate springs.
(3) Lists first stage/second stage/third stage as applicable.
(4) Auxiliary rear spring available and included with Camper Package and Heavy Service Package for Pickup Box Delete only (all 4x4 only; Diesel 4x2 156.2", 158.0" and 172.4").
(5) Auxiliary rear spring included with Camper Package and Heavy Service Package for Pickup Box Delete only (4x2 Diesel 137.0" and 141.8", 4x2 Gasoline 156.2", 158.0" and 172.4").
(6) 4x2 Diesel 156.2", 158.0" and 172.4"; 4x4 156.2", 158.0" and 172.4".
(7) 4x2 and 4x4 137.0" and 141.8"; 4x2 Gasoline 156.2", 158.0" and 172.4".
(8) 4x2 Diesel 156.2", 158.0" and 172.4"; 4x4 Diesel 137.0" and 141.8"; 4x4 156.2" and 158.0".
(9) 4x2 137" and 141.8", 4x2 gas 156.2", 158" and 172.4"; 4x4 gas 137" and 141.8".

Tires and Wheels

TIRE SPECIFICATIONS

Size	Tread Type and Sidewall	Rim Width (in.)	Section Width (in.)(1)	Ply/ Load Rating	Max. Inflation Press. (psi)	Load Limits @ Max. Inflation Press. (lbs.)	Static Loaded Radius (in.)	Revolutions Per Mile @ 45 mph
LT245/75Rx17	A/S-BSW	7.5/6.5(2)	10.11	10/E	80	3195/2910(2)	14.57	660
LT245/75Rx17	A/T-BSW and OWL	7.5/6.5(2)	9.76	10/E	80	3195/2910(2)	14.60	663
LT265/70Rx17(3)	A/T OWL	7.5	10.71	10/E	80	3195	14.72	660
LT275/65Rx18(3)	A/S-BSW	8.0	10.98	10/E	80	3415	14.82	652
LT275/70Rx18(3)	A/T-BSW and OWL	8.0	11.25	10/E	80	3640	15.50	628
LT275/65Rx20(3)	A/T OWL	8.0	11.1	10/E	80	3750	16.00	605

(1) Tire and rim maximum width.
(2) Single Rear Wheel/Dual Rear Wheel: Rim Width and Load Rating.
(3) Single Rear Wheel only.

WHEEL SPECIFICATIONS

Wheel Type	Wheel Size	Nominal Inset mm (in.)	No. of Studs	Bolt Circle mm (in.)	Max. Wheel Capacity Load (lbs. @ ground)
Argent Painted Steel (F-250/F-350 SRW)	17" x 7.5" J	40 (1.57)	8	170 (6.7)	3195
Cast Aluminum (F-250/F-350 SRW)	17" x 7.5" J	40 (1.57)	8	170 (6.7)	3195
Argent Painted Steel (F-350 SRW)	18" x 8.0" J	40 (1.57)	8	170 (6.7)	3590
Bright Machined Aluminum (F-250/F-350 SRW)	18" x 8.0" J	40 (1.57)	8	170 (6.7)	3590
6-spoke Aluminum (F-250/F-350 SRW)	18" x 8.0" J	40 (1.57)	8	170 (6.7)	3590
Polished Aluminum (F-250/F-350 SRW 4x4)	20" x 8.0" J	40 (1.57)	8	170 (6.7)	3590
Argent Painted Steel (F-350 DRW)	17" x 6.5" J	142 (5.55)	8	200 (7.87)	3195
Forged Polished Aluminum (F-350/F-450 DRW)	17" x 6.5" J	142 (5.55)	8	200 (7.87)	3195
King Ranch Aluminum (F-250/F-350 SRW 4x4)	20" x 8.0" J	40 (1.57)	8	170 (6.7)	3590

Transfer Case

TRANSFER CASE SPECIFICATIONS

Make and Model	Manual T-Case (MSOS)	Electronic T-Case (ESOF)
Application	Manual Mechanical Shift-On-Stop (manual shift lever)	Electric Shift-On-the-Fly (rotary switch control)
Super Duty Series/Model	F-250/F-350/F-450	
Type	2-speed Planetary Gears	
Lubricant Capacity (pt.)	4.0	
Gear Ratio — High Range	1.00:1	
Gear Ratio — Low Range	2.72:1	
Case Material	Aluminum	

Transmission

AUTOMATIC TRANSMISSION SPECIFICATIONS

Make/Type	Ford TorqShift Heavy Duty 6-Speed SelectShift Automatic Overdrive
Application	6.2L 2V SOHC V8 (E85 Flex Fuel) and 6.7L 4V Power Stroke Turbo Diesel (B20)
Ratios (to 1):	
1st	3.974
2nd	2.318
3rd	1.516
4th	1.149
5th	0.858
6th	0.674
Reverse	3.128
Converter Torque Ratio @ WOT Stall	1.9 (6.2L, 6.7L)
Lubricant Capacity (qts.)	18.1 Qts./17.1 Liters (6.7L), 19.2 (Qts./18.2 Liters (6.2L)
Power Takeoff Data:	6.7L V8 Diesel only (Optional)
Opening	SAE 6-bolt, LH Side
Gear ratio	1.00 Direct Drive
Pitch line diameter velocity @ 1000 engine rpm (ft./min.)	1118
rpm @ 1000 engine rpm	1000
Number of teeth	52
Pitch diameter (in.)	4.27055 in. (108.472mm)
Module	2.086
Normal pressure angle	19.339º
Helix angle	RH Spur Gear

UREA (DEF) DIESEL AFTERTREATMENT SPECIFICATIONS

Availability	Location	Capacity (gallons)	Tank Type
Diesel Pickup	Inboard on Frame Rail	5.0	Plastic (Urea Corrosive to Metal)

1. Ford material spec: WSS-M99C130-A.
2. Heated urea delivery module (urea freezes at –12ºF).
3. Urea solution: –32% ammonia (NH3) solution in water.
4. Tanks can be filled using either bottles or nozzle.
5. Fluid is corrosive.
6. Fluid is nonflammable.
7. Supply lines area heated and are wheelbase dependent for wide frames (x5), and cab length dependent on narrow frames (x3). Lines are formed, however somewhat flexible.
8. Vehicle operation will degrade as urea levels reach extremely low levels since this is an emission-regulated component. Vehicle speed will be gradually lowered to zero if operator takes no action to refill the tank.

Pickup Box Delete/Removal

NOTE: Refer to the latest Body Builders Layout Book. Also refer to the Weight Ratings Charts in this section.

Trailer Towing/Camper Information

NOTE: For additional towing information, see the RV and Trailer Towing Guide, available as a printable PDF on ***e*SourceBook,** or the Vehicle Owner Guide.

Power Takeoff

NOTE: Refer to the latest Builders Layout Book. Also refer to the Transmission Specification Charts in this section.

Snowplow Installation/Minimum Required and Recommended Equipment

The Super Duty F-Series vehicles tabled below are available for snowplow usage.

Minimum Required Equipment

- Snowplow Package, includes:
  - Front Spring/GAWR Upgrade (Refer to the Weight Ratings charts on pages 65–71 for specific spring/GAWR selection for each model)
  - 157-amp, heavy-duty alternator (6.2L). Optional: Dual alternators 357-amp (6.7L diesel)
  - Plow and attaching hardware weight limits are as tabled below.

Recommended Equipment

- All-terrain tires and roof clearance lights (optional with SRW Pickup models, required with F-350 DRW and F-450)

Standard Equipment

- Front and rear stabilizer bar (rear standard on Chassis Cab and DRW Pickup models)
- Roof clearance lights (standard on Chassis Cab and required on Pickup models)
- Steering damper
- Engine oil cooler, auxiliary automatic transmission oil cooler and maximum capacity engine coolant radiator are standard
- All available axle ratios are acceptable
- When snowplowing, operate automatic transmission with shift lever in overdrive position.

Vehicles Available For Snowplow Applications

F-250-450 4x4 Pickup/Box Delete Models (with driver and one passenger)

Cab Style	Wheelbase	Engine	F-250 4x4	F-350 SRW 4x4	F-350 DRW 4x4	F-450 4x4
Regular Cab	137.0"	6.2L V8	100/1005	100/1005	100/1005	—
		6.7L V8 Diesel	100/1005	100/1005	100/1005	—
SuperCab	141.8"	6.2L V8	100/1005	100/1005	—	—
		6.7L V8 Diesel	100/950	100/950	—	—
SuperCab	158.0"	6.2L V8	100/1005	100/1005	100/1005	—
		6.7L V8 Diesel	100/800	100/750	100/800	—
Crew Cab	156.2"	6.2L V8	100/1005	100/1005	—	—
		6.7L V8 Diesel	100/800	100/850	—	—
Crew Cab	172.4"	6.2L V8	100/1005	100/1005	100/1005	—
		6.7L V8 Diesel	100/750	100/750	100/650	100/650

LEGEND: 100/750 = Maximum 100 lbs. of permanently attached hardware/Maximum 750 lbs. of removable plow blade and hardware. The plow and hardware weight limits shown are based upon a vehicle with maximum buildable Ford option content and 150 lbs. each for the driver and one front-seat passenger.

Completed Vehicle Weight

The weight of the completed vehicle with equipment installed (and second unit body, if applicable) must not exceed the Front GAWR, Rear GAWR or GVWR established by Ford, with consideration for the driver and one front-seat passenger. If sufficient weight is added such that the completed vehicle with a driver and more than one passenger would exceed Front GAWR, Rear GAWR or GVWR, it is the responsibility of the equipment installer to notify the customer of the appropriate use restrictions (i.e.: that the user should limit occupancy of the vehicle to the driver and one passenger while the equipment is installed). The addition of ballast weight, placed rearward of the rear axle, may be required to prevent front end overloading or exceeding Front GAWR. If required, the ballast weight must be securely attached to the vehicle. For Ford completed vehicles of 10,000 lbs. GVWR or less, the weight of permanently attached equipment must not exceed the Total Accessory Reserve Capacity (TARC) as specified on the Safety Compliance Certification Label. Permanently attached equipment includes the snowplow frame-mounting hardware, and does not include the removable snowplow blade assembly. Exceeding TARC will require recertification.

Front End Wheel Alignment and Headlight Aim

Front end wheel alignment (toe) and headlight aim may require readjustment after installation of equipment, and is the responsibility of the equipment installer. Failure to reset front wheel alignment may cause premature uneven tire wear. If required, reset to chassis manufacturer's specifications found in the Ford Shop Manual.

Electrical Connections

Installation of any inductive load devices (i.e., electric motors, electric clutches for clutch pumps, etc.) MUST NOT be connected to OEM wiring or fuse panels. Power for such devices should be taken directly from the battery or starter motor relay power terminal. Control of these devices should be achieved via relays. No direct current path should exist between OEM wiring and the installed load that is not filtered by the battery. These recommendations are intended to reduce or eliminate any induced reverse voltage into the OEM circuitry.

Warranty

The Normal Ford New Vehicle Limited Warranty applies to vehicles with snowplows installed in accordance with these guidelines. Consult your Ford dealer or the Owner Guide for any further questions.

F-250/F-350/F-450 Super Duty Pickups

Ford Custom Accessories

2012



Ford Custom Accessories Available for 2012 F-250/F-350/F-450 Super Duty® Pickups

Appearance
- Chrome Exhaust Tip
- Commercial Graphics by Original Wraps™(1)

Wheels
- Stainless Steel Wheel Covers by Phoenix™(1)
- Wheel Locks

Bed Products
- Bed Extender
- Bed Mat
- Bedliners and Tailgate Liner
- Cargo/Tool Box by Delta®(1)
- Contractor Products by Thule®(1)
  - 6" Conduit Kit
  - Diamond Plate Conduit Case
  - Ladder Roller
  - Ladder Tilt
- 5th Wheel Hitch Kit
- Ford Work Solutions(1) Cable Lock
- Gooseneck Hitch Kit and Prep Package
- Hard and Soft Tonneau Covers
- Retractable Rear Bed Step by Bestop®(1)
- Retractable Tie-downs by Bull Accessories(1)

Electronics
- Backup Alarm by ECCO®(1)
- Dual DVD Head Restraints by INVISION™
- Ford Work Solutions(1) Crew Chief Telematics powered by Telogis®
- HitchScan™ Rear Park Assist by EchoMaster®(1)
- Keyless Entry Keypad
- Parking Assist Systems by EchoMaster®(1)
- Remote Start Systems
- Vehicle Security System

Exterior
- 5th Wheel/Gooseneck Hitch Prep
- 5th Wheel Kit
- Aeroskin™ Hood Protector by Lund®(1)
- Deflectors
  - Side Window
- Fog Lights
- Gooseneck Hitch Kit
- Splash Guards — Flat
- Splash Guards — Molded
- Sportz® Bed Tent by Napier(1)
- Step Bars — Black
- Step Bars — Chrome
- Trailer Hitch Drawbar and Hitch Balls
- Trailer Brake Control

Interior
- Ashcup/Coin Holder
- Carhartt® Protective Seat Covers by Covercraft®(1)
- Floor Mats — All-weather
- Leather-trimmed Seat Covers by Katzkin®(1)
- Soft-sided Cargo Organizers
- Soft-sided Cooler Bag

Selling Ford Custom Accessories
- Enroll your dealership in eCommerce and sell 24/7
- Offer Ford Custom Accessories to every customer
- Most new vehicle owners want to personalize their ride
- Add Ford Custom Accessories into the deal for just a few dollars more
- Use the online “Accessorizer” to show customers how their vehicle will look
- Only you can offer Ford Custom Accessories covered by the Ford New Vehicle Limited Warranty

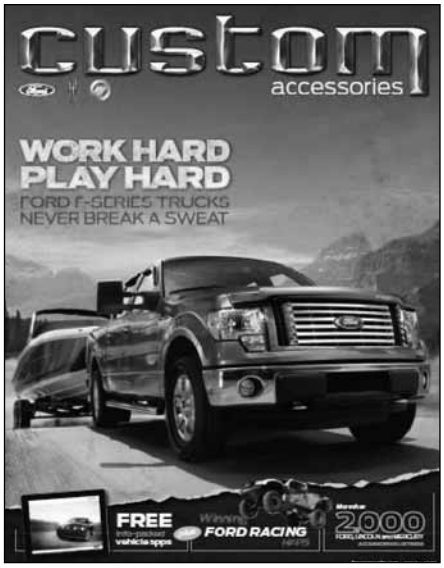
(1) Ford licensed accessory.

custom accessories

accessories.ford.com

F-250/F-350/F-450 Super Duty Pickups

Ford Custom Accessories



All-new Custom Accessories Consumer Magazine/Catalog

Review the consumer catalogs with your customers to show them the wide variety of Ford Custom Accessories available for their vehicle. The current consumer catalogs are available in limited quantities at the Dealer e-Store (ABT-4360). The latest version highlights F-Series, the best-selling truck in the U.S. for the past 34 years, and includes feature articles and Accessories listings with part numbers.

A black-and-white Dealer Pricing Companion version (ABT-4361) of the catalog includes part numbers for the past five model years, along with estimated labor times and pricing.

New Consumer Website

The Accessories consumer sites have been revamped to make it easier for customers to order Accessories from your dealership.

If your dealership is enrolled in eCommerce, customers can order anytime and have the Accessories shipped directly to their home, or for pickup at the dealership.

Either way, our website is working for you. It's free to enroll. Simply go to the enrollment site or call our Program Headquarters.

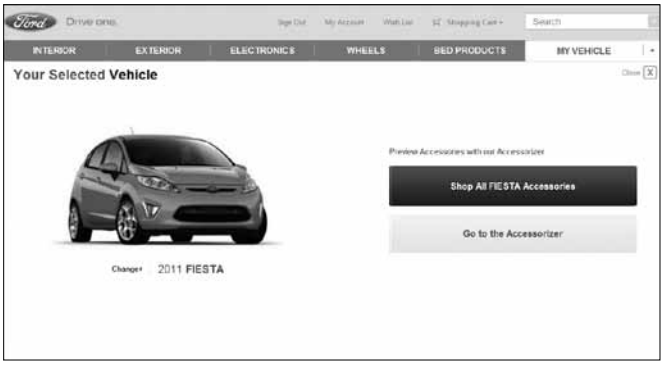
- **http://ecommerce.dealerconnection.com /nextgenecomm**
- **Program Headquarters: 1-877-752-9536**

Features of the consumer site include:

- Once enrolled in ecommerce, you can sell accessories 24/7
- Establish custom retail pricing
- Provide installed pricing
- Featured product information

- **http://accessories.ford.com**
- **http://accessories.lincoln.com**
- **http://accessories.mercuryvehicles.com**

Consumer



B2B



All-new Accessories B2B Website

The internal B2B Accessories website is your library for information on Ford Custom Accessories and Ford Licensed Accessories.

The Accessories site is now accessed at **https://comm.extsp.ford.com/sites/GFAwebBtoB.**

- Supplier information
- Reporting
- Ordering information