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E-Series Wagon

## WHAT'S NEW

### This page is about:

- Model Changes
- Functional Change
- Exterior and Interior Changes
- Packages Added and Changed
- Options Added
- Options Changed

# 2010 E-Series Wagon

## What's New

### Overview

#### Key Messages

##### E-Series Wagon



- Ford E-Series continues to build on its proven strengths as the leader in sales and customer loyalty
- Tire Pressure Monitoring System (TPMS) is standard on all models
- Interior storage includes a glove box with power point, instrument panel storage bin and functional cup holders
- AdvanceTrac® with RSC® (Roll Stability Control™) is standard on all E-Series Wagon models
- SYNC® is now available on all E-Series Wagons

#### Model Changes

- In order to comply with updated Department of Transportation (DOT) Vehicle Identification Number (VIN) requirements, all the Body Codes have been changed:

OLD	NEW	DESCRIPTION
E11	E1B	E-150 Wagon
E31	E3B	E-350 Super Duty® Wagon
S31	S3B	E-350 Super Duty Wagon Extended

#### Functional Change

- CNG/LPG fuel capability available on 5.4L V8 and 6.8L V10 engines (available fall 2009)

#### Exterior Changes

- The aerotype mirrors (manual and power operated) include an integrated spotter lens
- Color added:
  - Ingot Silver Metallic (UX)
- Colors deleted
  - Brilliant Silver Metallic
  - Forest Green Metallic
  - Sterling Grey Metallic
- Special two-tone paint no longer available on XL with XLT Premium Package

#### Interior Change

- Engine hour meter added to Message Center

#### Package Added

- Mid-Series Exterior Upgrade Package available on XL and includes:
  - Black painted front and rear (contour) bumpers
  - Chrome grille
  - Dual sealed-beam with fixed-lens headlamps

#### Package Changed

- Exterior Upgrade Package name changed to High-Series Exterior Upgrade Package; Order Code and package content remain the same

#### Options Added

- SYNC voice-activated communications and entertainment system
- Satellite Digital Audio Radio Services (SDARS) is available on all Wagon models except with the base AM/FM stereo radio
- 65- and 75- mph speed limitation available on E-150 (4.6L V8 only)
- Power mirrors available on XL models

#### Options Changed

- 195-amp alternator, optional with 6.8L V10 equipped E-350 models, is replaced by an optional 225-amp alternator
- Air conditioning is standard on all Wagon models
- XLT Premium Package no longer includes an overhead console or two-tone paint. Includes auto-dimming rearview mirror, cruise control, Message Center with compass display and SYNC

#### Options Deleted

- Premium Plus 6-disc In-dash CD/MP3 capable changer
- Air conditioning delete option on extended-length wagons

#### Key Competitors

- **Chevrolet Express Passenger Van** — available in 1500, 2500 and 3500 models with LS or LT trim. Express boasts seating for up to 15 passengers and the best warranty coverage in America with 100,000 miles or 5 years of coverage
- **Dodge Sprinter Passenger Van** — offers standard 12-passenger seating, plus ample head room and leg room, making it ideal for shuttle services. Sprinter offers only one powertrain — a 3.0L turbo diesel V6 engine with 5-speed automatic transmission

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

# 2010 E-Series Wagon

## What's Important

WHAT'S IMPORTANT

This page is about:

Product Highlights

### Product Highlights

#### KEY E-SERIES WAGON FEATURES

**Engines:**  
**4.6L SOHC V8 and**  
**5.4L SOHC V8**  
(pgs. 8, 9)

**Four-wheel disc**  
**Anti-lock Braking**  
**System (ABS)**  
(pgs. 12, 20)

**AdvanceTrac® with RSC®**  
**(Roll Stability Control™) standard on**  
**all Wagons**  
(pgs. 12, 20)



**Class I-IV Trailer**  
**Towing Packages**  
**available**  
(pgs. 19, 22)

**Trailer Brake Controller**  
(pg. 22)

#### Performance/Handling

- Engines:
  - 4.6L SOHC V8 (FFV)
  - 5.4L SOHC V8 (FFV)
  - 6.8L SOHC V10
- Flex Fuel (E85) compatibility (4.6L/5.4L)
- Transmissions:
  - 4-speed automatic
  - 5-speed TorqShift® automatic (with 6.8L)
- AdvanceTrac® with RSC® (Roll Stability Control™)
- Engine oil cooler
- Electronic Throttle Control
- Tire Pressure Monitoring System (TPMS)

#### Quality/Reliability/Durability

- Body-on-frame construction
- Fail-safe cooling system
- Extended maintenance intervals/ease-of-maintenance design
- Maintenance-free battery
- Optional Ford Extended Service Plans
- 5-year/60,000-mile Powertrain Limited Warranty
- 5-year/60,000-mile Roadside Assistance Program

#### Flexibility

- Instrument panel with easy-to-read gauge cluster
- Functional engine cover console
- Door trim panels with storage
- Navigation System with SIRIUS Travel Link™
- Ford Work Solutions™
- Rearview Camera
- Seating options to accommodate from 7 passengers up to 15 passengers maximum
- Available XLT Premium Package
- Choice of 60/40 swing-out side doors or optional sliding side door
- Four-wheel disc Anti-lock Braking System (ABS)
- Standard dual airbags
- User-defined switches
- SYNC® voice-activated communications and entertainment system

#### Capability

- Available Class I-IV Trailer Towing Packages
- Gross Vehicle Weight Rating (GVWR) is more than 8500 lbs. for all E-Series Wagons
- Trailer Brake Controller

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

## MODEL LINEUP

This page is about:

- XL
- XLT

# 2010 E-Series Wagon 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 each model. 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 E-Series Wagon is available in two models:

- XL
- XLT

### XL — Standard model



#### Performance/Handling

- 4.6L EFI V8 engine (E-150)
- 5.4L EFI V8 engine (E-350)
- AdvanceTrac® with RSC® (Roll Stability Control™)
- Brakes — power, Four-wheel Anti-lock Braking System (ABS)
- Electronic Throttle Control (ETC)
- Power steering
- Powertrain — rear-wheel drive
- Shock absorbers — heavy-duty
- Tires
  - LT225/75R16E BSW all-season (E-150/E-350)
  - LT245/75R16E BSW all-season (E-350 with 6.8L)
- Transmission — electronic 4-speed automatic

#### Quality/Reliability/Durability

- Alternator — 120-amp
- Battery — maintenance-free 72-AH, 650-CCA
- Spare tire and wheel
- Tire Pressure Monitoring System (TPMS)

#### Flexibility

- Airbags — driver and passenger side
- Air conditioning
  - Front only (regular length)
  - High-capacity (extended length)
- A-pillar grab handles
- Audio — electronic AM/FM stereo/digital clock/6 speakers
- Bumpers — black-painted front/rear
- Coat hooks — Medium Flint
- Console
  - Slim line engine cover console — color-keyed with dual-bin stowage and 3 cup holders
- Door — hinged side cargo, 60/40 swing-out, hinged rear cargo 50/50 swing-out with 172-degree door checks

- Floor covering — full-length black vinyl
- Glass — solar
- Glove box with auxiliary power point
- Headlamps — sealed beam
- High-mount stop light
- Horn — electric dual note
- Instrument panel — Medium Flint with tachometer
- Lighting
  - Front dome and rear cargo lights
  - Courtesy light switches on all doors
- Mirror — interior day/night rearview
- Mirrors — aertype LH/RH manual exterior (RH convex) with spotter
- Power point
  - Double 12V in I/P
  - Single 12V source located rear of driver
- Safety belts — color-keyed safety belts with height-adjustable D-ring, 3-point shoulder/lap belts all seat positions

- Seats — graphite vinyl with inboard armrest on all Wagon front seats
- Steering wheel — tilt
- Step well pads — black plastic
- Sun visors — Medium Flint, cloth/vinyl
- Trim
  - Medium Flint plastic front door trim panels
  - Medium Flint side/rear quarter door trim panels polypropylene
  - LH/RH black cowl trim panels
  - Full-length Medium Flint cloth headliner
- Wheels — 16" x 7" steel wheels with sport wheel covers
- Windshield wipers — interval

#### Capability

- Fuel tank — 35 gallons, 132.5 liters
- Handling Package (incl. front stabilizer bar and heavy-duty front and rear shock absorbers)

### XLT — All XL content, plus:



#### Flexibility

- Air conditioning
  - High-capacity
- Audio — single-CD player/6 speakers/audio input jack/satellite radio capability
- Bumpers — chrome front and rear
- Coat hooks — color-keyed
- Cruise control
- Dash sound absorber
- Floor covering — full-length color-keyed carpet w/wheelhouse cover
- Floor mats — front only, carpeted throw-in

- Headlamps — dual sealed-beam fixed lens
- Instrument panel — w/tachometer, color-keyed
- Insulation Package
- Lighting
  - Illuminated entry/reading/rear cargo lights
- Locks — power, doors/windows with one-touch-down power driver window
- Mirrors — aertype LH/RH power exterior (RH convex) with spotter
- Seats — mid-series color-keyed cloth

- Sun visors — color-keyed, dual illuminated
- Trim
  - Color-keyed plastic front door trim panel with integral map compartment trim panels
  - Color-keyed plastic side/rear quarter trim panels
  - Full-length color-keyed cloth headliner

**NOTE:** The above information is an excerpt from pages 2 and 3 of the 6/15/09 E-Series Wagon Dealer Ordering Guide. For the latest Dealer Ordering Guide go to [fmcdealer.com](http://fmcdealer.com).

# 2010 E-Series Wagon

## Model Lineup

**MODEL LINEUP**

**This page is about:**

Optional Equipment

### Optional Equipment

	XL	XLT
<b>Performance/Handling</b>		
5.4L EFI/4-Spd. Auto (FFV Capable)	O <sup>(1)</sup> , S <sup>(2, 3)</sup>	O <sup>(1)</sup> , S <sup>(2, 3)</sup>
6.8L EFI/5-Spd. Auto	O <sup>(2, 3)</sup>	O <sup>(2, 3)</sup>
AdvanceTrac <sup>®</sup> with RSC <sup>®</sup> (Roll Stability Control) <sup>™</sup>	S	S
CNG/LPG fuel capable engine (5.4L V8 & 6.8L V10 only) (available fall 2009)	O	O
Speed limitation – 65-mph governed speed (4.6L only)	O <sup>(1)</sup>	O <sup>(1)</sup>
Speed limitation – 75-mph governed speed (4.6L only)	O <sup>(1)</sup>	O <sup>(1)</sup>
<b>Quality/Reliability/Durability</b>		
Alternator:		
Heavy Duty 155-amp (NA w/4.6L engine)	O	O
Extra Heavy Duty 225-amp (6.8L engine only)	O <sup>(2, 3)</sup>	O <sup>(2, 3)</sup>
Battery – Heavy Duty Auxiliary	O	O
Spare Tire and Wheel NOT INCLUDED Deletes Spare Tire and Wheel, Underbody Carrier, Jack Assembly and Handle (lug wrench remains in vehicle)	O <sup>(2, 3)</sup>	O <sup>(2, 3)</sup>
<b>Flexibility</b>		
16"x 7" Forged Aluminum Wheel	O	O
Air Conditioning – High Capacity (front and rear) (std. on extended length XL, opt. on regular length XL)	S/O	S
Air Conditioning Delete (front – regular length only)	O	O
Audio:		
AM/FM Stereo/Clock/CD/Audio Jack	O	S
Navigation System with SIRIUS Travel Link <sup>™</sup> (incl. AM/FM stereo/CD, satellite radio capability and audio jack) (reqs. SYNC <sup>®</sup> and Power Windows and Locks Group on XL)	O	O
Radio Delete (NA with SDARS)	O	O
Satellite Digital Audio Radio Services (SDARS) (NA with base radio or radio delete)	O	S
SYNC <sup>®</sup> (reqs. cruise control) NA with base radio or In-dash computer, radio delete, required with Navigation System incl. electrochromic inside rearview mirror)	O	O
Auxiliary Fuel Port (NA on 4.6L engine)	O	O
Bumper:		
Front Chrome with Colored Lower Fascia and Rear Contour Chrome	P <sup>(1)</sup>	S
Rear Step, Chrome (req. Exterior Upgrade Pkg. w/XL Trim. Incl. Trailer Tow Pkg.)	O	O
Rear Step, Black Painted (NA w/Exterior Upgrade Pkg. Incl. Trailer Tow Pkg. Incl. 4-pin trailer tow wire)	O	–
Cargo Door – Sliding Side (60/40 hinged door is std.)	O	O
Cruise Control	O	S
Daytime Running Lamps – LPO only	O	O
Emissions:		
50 State emissions system	S	S
50 State Clean Fuel Fleet Certification (reqs. 50 State Emissions System option code)	O	O
Engine Block Heater – 750 watts	O	O
Ford Work Solutions <sup>™</sup>		
In-Dash Computer by Magneti Marelli <sup>™</sup> (reqs. Ford Work Solutions Prep Package, deletes standard radio; NA with Crew Chief, SYNC or SIRIUS Satellite Radio)	O	O
Crew Chief <sup>™</sup> Telematics by Microlise <sup>™</sup> (NA with In-dash Computer)	O	O
6-speaker Radio Prep Package (req. w/In-dash Computer)	O	O

(1) E-150 (2) E-350 Regular Length (3) E-350 Extended Length  
 S = Standard O = Optional P = Packaged Option – = Not available

E-Series Wagon

**NOTE:** The above information is an excerpt from pages 5–8 of the 6/15/09 E-Series Wagon Dealer Ordering Guide. For the latest Dealer Ordering Guide go to [fmcdealer.com](http://fmcdealer.com).

**MODEL LINEUP**

**This page is about:**

— Optional Equipment

# 2010 E-Series Wagon

## Model Lineup

### Optional Equipment cont'd

	XL	XLT
<b>Flexibility (cont'd)</b>		
Floor Covering:		
Floor Mats – Carpeted, Front Only, Throw-In (incl. w/Interior Upgrade Pkg.)	P	S
Front Carpeting (incl. w/Interior Upgrade Pkg.)	P	S
Rear Carpeting (incl. w/Interior Upgrade Pkg.)	P	S
Vinyl – Front	S	O
Vinyl – Rear	S	O
Glass – Privacy (dark glass is from B-pillar back only)	O	O
High-Series Exterior Upgrade Package	O	—
Instrument Panel Message Center (req. w/Reverse Sensing System, req. w/Trailer Brake Controller)	O	S
Interior Upgrade Package	O	S
License Plate Bracket (req. and generated in states that issue two license plates)	O	O
Livery Option – 11-Pass. Wagon (incl. XLT trim, Center Aisle Seating Prep Pkg., Running Boards, Privacy Glass)	—	O <sup>(2)</sup>
Livery Option – 14-Pass. Wagon (incl. XLT trim, Center Aisle Seating Prep Pkg., Running Boards, Privacy Glass)	—	O <sup>(3)</sup>
Mid-Series Exterior Upgrade Package	O	—
Mirrors – Aerotype, power with integrated spotter (reqs. Power Windows and Locks Group)	O	S
Mirrors – Telescopic Trailer Tow (incl. LH/RH power adjust flat glass and manual adjust convex spotter)	—	O
Power Windows and Locks Group (req. front door trim panels. Incl. memory lock module when Sliding Side Cargo Door is ordered)	O	S
Rearview Camera (NA with air conditioning delete; reqs. high-capacity air conditioning on regular length XL)	O	S
Remote Keyless Entry/Panic Alarm (req. Power Locks/Windows and Interior Upgrade Pkg. w/XL Trim)	O	O
Reverse Sensing System (req. rear step or contour bumpers and Message Center)	O	O
Running Boards – Door Length on Driver Side, Full Length on Passenger Side (incl. w/XLT Premium Package)	O	O
Seats:		
Center Aisle Seating Prep Pkg. (11-pass.) Driver and Pass. Captain's Chairs (available with power driver seat) (incl. and only avail. w/66W)	—	P <sup>(2)</sup>
Center Aisle Seating Prep Pkg. (14-pass.) Driver and Pass. Captain's Chairs (available with power driver seat) (incl. and only avail. w/66Z)	—	P <sup>(3)</sup>
Captain's Chairs – Cloth (11-pass.) Power Driver Seat avail.	—	O <sup>(3)</sup>
Power Driver Seat (incl. manual lumbar)	—	O
Center Aisle Seating Prep Pkg. (11-pass.) High-Back Driver and Pass. Power Driver Seat NA	P <sup>(2)</sup>	—
Center Aisle Seating Prep Pkg. (14-pass.) High-Back Driver and Pass. Power Driver Seat NA	P <sup>(3)</sup>	—
11-Pass. Vinyl Buckets (AE trim) (avail. w/CE Cloth Buckets)	O <sup>(3)</sup>	—
Center Aisle Seating Prep Pkg. (11-pass.)	O <sup>(2)</sup>	—
Center Aisle Seating Prep Pkg. (14-pass.)	O <sup>(3)</sup>	—
Center Aisle Seating Prep Pkg. (11-pass.)	—	O <sup>(2)</sup>
Center Aisle Seating Prep Pkg. (14-pass.)	—	O <sup>(3)</sup>
SecuriLock® passive anti-theft ignition system	O	O
User-defined Upfitter Switches (NA with 4.6L; reqs. Extra Heavy Duty Alternator 155-Amp w/5.4L or 6.8L; or 225-Amp w/6.8L)	O	O
XLT Premium Package	—	O <sup>(1)</sup>
<b>Capability</b>		
Trailer Brake Controller (req. with Trailer Tow Package II/III/IV, req. Message Center)	O	O
Trailer Towing Package (Class I) (incl. w/Rear Step Bumpers)	P	P
Trailer Towing Package (Class II/III/IV)	O	O

(1) E-150 (2) E-350 Regular Length (3) E-350 Extended Length  
 S = Standard O = Optional P = Packaged Option — = Not available

E-Series Wagon

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# 2010 E-Series Wagon

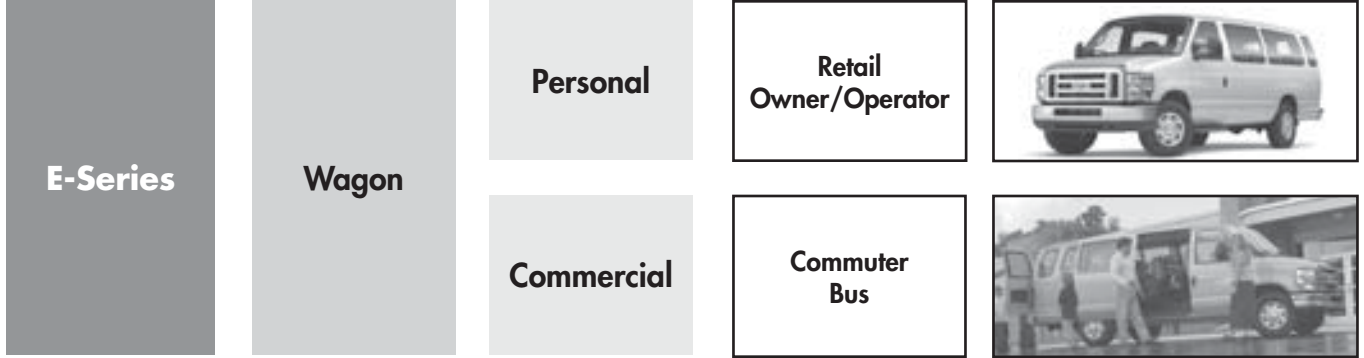
## Vocational Segmentation

### VOCATIONAL SEGMENTATION

This page is about:

Retail Owner/Operator

Commuter Bus



E-Series Wagon

**NOTE:** Segmentation illustrates vocational use.

July 2009

# 2010 E-Series Wagon

## Performance/Handling

**This page is about:**

- Engines
- Flex Fuel (E85) Compatibility
- Electronic Throttle Control
- 50-state Emissions Package
- Handling Package
- Turning Diameter

### Overview

#### Key Messages

##### E-Series Wagon



- E-Series Wagon appeals to a wide assortment of customers
- With 2 available V8s and a V10 coupled to a 4- or 5-speed automatic transmission (V10 only), E-Series has the torque to perform many different tasks
- Equipped with a standard four-wheel disc Anti-lock Braking System (ABS) and auxiliary engine oil cooler, E-Series can haul the load, whether it's people or payload
- E85 Flex Fuel compatibility on all 4.6L and 5.4L V8 engines
- One-touch start functionality on all V8 Wagon models

#### Key Features

##### Powertrain

**Engine options** include a 4.6L V8 or a 5.4L V8, both mated to a 4-speed automatic transmission for most hauling or towing situations. For those really heavy-duty needs, the 6.8L V10 engine is mated to a 5-speed TorqShift® automatic transmission with Tow/Haul mode.

**Flex Fuel (E85) compatibility** means that both the 4.6L and 5.4L engines are capable of operating on E85 (85 percent ethanol/15 percent gasoline), 100 percent gasoline or any combination of both with no reduction in power output. E85 fuel burns more cleanly than gasoline and is derived from corn, which is a renewable resource.



**Electronic Throttle Control** uses electronic sensors to provide smoother engine response.

**50-state emissions standards** are met by all E-Series Wagons.

##### Chassis

**Handling Package** provides a higher level of ride smoothness with less body lean when cornering.

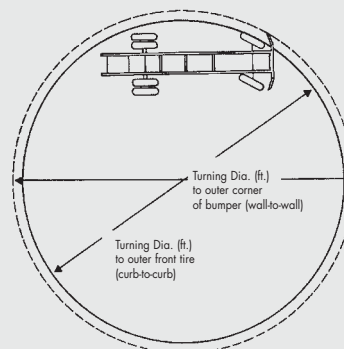
**Turning diameter** of 48.0 feet curb-to-curb gives E-Series Wagon the ability to maneuver through crowded streets, narrow country lanes or cramped boat ramps with ease.

E-Series Wagon

#### A CLOSER LOOK: Turning Diameter

Turning diameter is defined as the diameter of the outside track made by the outside front tire during the shortest turn. The diagram shows the diameter made by the outside edge of the bumper during the shortest turn.

**NOTE:** When comparing competitive truck specifications, note whether they specify a diameter or radius dimension.



# 2010 E-Series Wagon

## Performance/Handling

### PERFORMANCE/HANDLING

#### This page is about:

- Modular Engine Family
- Flex Fuel (E85) Capability
- Electronic Throttle Control (ETC)
- Engine Oil Cooler
- CNG/LPG Fuel Capability

## Powertrain

### Modular Engine Family

- Includes 4.6L V8, 5.4L V8 and 6.8L V10 engines
- One camshaft in each cylinder head eliminates the need for pushrods
- Single Overhead Cam (SOHC) design provides an advanced level of valve control
- Deep-skirt engine block design and low-friction components enhance reliability and fuel economy
- Silent-design chain cam drive contributes to reduced noise

### Flex Fuel (E85) Capability

- 4.6L and 5.4L V8 engines are Flex Fuel (E85) capable
- E85 is 85 percent ethanol and 15 percent gasoline
- Flex Fuel engines can run on E85, 100 percent gasoline, or any combination of the two fuels
- A sensor detects when the vehicle is refueled, and the vehicle automatically determines what mix of fuels is being used and adjusts the air/fuel mix accordingly
- Using E85 does not reduce the power output of the engine
- Using E85 burns more cleanly than gasoline and helps reduce our dependency on imported oil
- Ethanol is derived primarily from domestically produced corn and considered a renewable fuel
- FFV engines have special upgrades to avoid corrosion and wear:
  - Fuel tank has a special coating
  - Fuel lines are nylon 6 or stainless steel
  - Fuel injectors are alcohol tolerant
  - Valves and seats are harder
  - Head gaskets are more robust



### Electronic Throttle Control (ETC)

- Standard on all E-Series models
- Uses electronic sensors instead of a mechanical linkage
- Uses driver input to actively modulate torque at the drive wheels, as opposed to sensing torque at the flywheel, as some competitive systems do
- Delivers seamless and consistent engine response and transmission shifts
- When going up a hill or on rocky terrain, ETC allows consistent pedal input for smoother engine response

### Engine Oil Cooler

- All E-Series models are equipped with an auxiliary engine oil cooler
- Mounted at the front of the vehicle behind the grille
- Helps the engine oil maintain proper operating temperature, preventing oxidation and increasing the oil's lubricating and protecting properties
- Contributes to longer engine life

### CNG/LPG Fuel Capability

- Available on both the 5.4L V8 and 6.8L V10 gasoline engines
- Includes hardened intake and exhaust valve seat faces as well as hardened valve seats designed to compensate for the lack of lubrication normally provided to the valve/seat interface by gasoline or E85 liquid fuels
  - Compressed Natural Gas (CNG) or Liquefied Petroleum Gas (LPG) cannot provide the same level of lubrication
  - Hardened valves/seats must be used to maintain engine durability and the normal engine operating life span
- This package does not include fuel tanks, lines or other hardware required to make the vehicle CNG/LPG compatible
- Vehicle is shipped from the factory with standard fuel system
- Any additional required equipment must be sourced through a qualified aftermarket upfitter experienced in gaseous fuel system upfits

### PRESENTATION TIP: Flexible Fuel (E85) Capability

The E-Series Wagon equipped with either the 4.6L or 5.4L V8 offers Flexible Fuel (E85) capability. This allows the engine to operate on E85 fuel — a blend of 85 percent ethanol fuel and 15 percent unleaded gasoline. These V8s 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 power output of these engines is unchanged but fuel economy will be noticeably reduced. This is normal, since E85 has less energy as a fuel, it takes more E85 to make the same power as unleaded gasoline. The primary benefits of E85 fuel are that it's made from renewable resources to help reduce our dependence on imported oil and lowers greenhouse gas emissions.

## PERFORMANCE/HANDLING

### This page is about:

- 4-speed Wide-ratio Automatic Transmission
- TorqShift® 5-speed Automatic Transmission
- Torque
- Powertrain Combinations
- Independent Front Suspension
- Handling Package

# 2010 E-Series Wagon

## Performance/Handling

### Powertrain cont'd

#### 4-speed Wide-ratio Automatic Transmission (4R75E)

- Standard on all E-150 and E-350 models with the 4.6L or 5.4L SOHC engines
- Fully electronic shift control provides a wide range of smooth shifts for optimum performance
- Drive gear and friction materials are designed and engineered to handle the power output of the 5.4L engine
- Torque converter provides impressive launch performance and increased efficiency
- Overdrive lowers engine rpm at highway speeds, contributing to improved fuel economy
- "Smart" fully electronic shift scheduling coupled with the Electronic Throttle Control (ETC) technology calculates torque in the next gear and regulates shift points based on the vehicle's projected performance in the next gear
- Adaptive pressure control maintains consistent shift response and feel over time

#### TorqShift® 5-speed Automatic Transmission (5R110W)

- Standard on all E-Series Wagon models with the 6.8L V10 engine (includes Tow/Haul)
- All electrohydraulic shifts are optimized with pure electronic shift controls for more responsiveness
- Torque converter designed to maximize low-speed torque capability
- Pump provides significant lubrication and cooling capacity
- Drive gear and friction material provide long-term durability
- Transmission filter located internally. Service interval recommended at 36 months or 60,000 miles under normal operating conditions

#### PRESENTATION TIP: Torque

When customers ask about the E-Series horsepower figures, explain to them that torque is what gets a big load moving and horsepower keeps it moving. Torque measures towing and hauling power, a more important number than straight horsepower, which isn't as important for truck applications. You'll also find that many Ford trucks hold a torque advantage in comparison against competitors.

#### Powertrain Combinations

Powertrain (Engine/Transmission)	Horsepower (SAE net @ rpm)	Torque (lb.-ft. @ rpm)	Standard Availability	Optional Availability
4.6L V8 with Flex Fuel capability/4-Speed Automatic	225 @ 4800	286 @ 3500	E-150 Wagon	—
5.4L V8 with Flex Fuel capability/4-Speed Automatic	255 @ 4500	350 @ 2500	E-350 Super Duty® Wagons	E-150 Wagon
6.8L V10/ 5-Speed TorqShift® Automatic	305 @ 4250	420 @ 3250	—	E-350 Super Duty Wagons

### Chassis

#### Independent Front Suspension

- Tuned shock absorbers help improve ride quality
- Each wheel reacts to road irregularities with minimal effect on the opposite wheel for a smooth, controlled ride

#### Handling Package

- Provides a high level of ride smoothness with minimal body lean when cornering
- Package includes:
  - Drop link stabilizer bar and bushings
  - Heavy-duty front and rear shock absorbers

#### Power Steering

- System provides solid on-center feel and return-to-center performance
- Helps reduce steering effort

(1) Flex Fuel capability.

# 2010 E-Series Wagon

## Quality/Reliability/Durability

QUALITY/RELIABILITY/DURABILITY

This page is about:

- Reliability —
- Durability —
- Ease of Maintenance —
- Warranty —
- 24-Hour Roadside Assistance —

## Overview

### Key Messages

#### E-Series Wagon



- For years, E-Series buyers have relied on the quality and durability of their Wagons
- With features like a full-perimeter frame, 90,000-mile spark plug replacement interval, fail-safe cooling and a double-wall cargo area, E-Series has the quality and durability needed to perform well as a people or cargo hauler

### Key Features

#### Reliability

**Fail-safe cooling system** helps protect all E-Series Wagon engines from damage due to loss of coolant.

#### Durability

**E-coated frame** helps resist corrosion with durable E-coat primer on the frame.

**Coil-on-plug ignition system** replaces traditional spark plug and distributor wires for high-mileage durability.

**Body-on-frame construction** is more durable and heavy-duty than the unibody construction used by some competitors.

**Durability testing** simulates 150,000 real-life miles but compresses that into 50,000 actual grueling miles. In fact, the testing route is probably harder on the drivers than it is on the vehicles. Why put E-Series through such extreme testing? The tests are based on what E-Series owners actually do to their vehicles — and the results have to meet their expectations.

#### Ease of Maintenance

**Maintenance-free battery** reduces long-term maintenance costs and is standard on all E-Series Wagons.

**Engine oil change interval** of 7,500 miles is recommended under normal driving conditions.

**TorqShift® transmission filter** is internally mounted and does not require service for 36 months or 60,000 miles under normal operating conditions.

**Out-front engine design** improves underhood serviceability with convenient-to-reach checks and refills.

**90,000-mile spark plug replacement interval** provides added convenience and reduced service requirements for all gasoline engines, under normal driving conditions with regular fluid and filter changes.

**Yellow-coded service points** enable technicians to readily identify key components during routine maintenance. They also help service to be accomplished quickly and efficiently.

#### Warranty

##### New Vehicle Limited Warranty

- 3-year/36,000-mile Bumper-to-Bumper; no deductible
- 5-year/60,000-mile powertrain limited warranty
- 5-year/unlimited-mileage Corrosion Perforation
- 5-year/60,000-mile Safety Restraint

##### 5-year/60,000-mile Powertrain Limited Warranty

- Powertrain Limited Warranty for Ford vehicles is 5 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 front- and rear-wheel-drive parts beyond the vehicle's 3-year/36,000-mile Bumper-to-Bumper Limited Warranty
- Refer to the vehicle Warranty Guide for a complete list of all of the parts covered

##### 24-Hour Roadside Assistance

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

## FLEXIBILITY

### This page is about:

- Ford Work Solutions™
- Instrument Panel
- Engine Cover Console
- Navigation System with SIRIUS Travel Link™
- Rearview Camera
- Reverse Sensing System

# 2010 E-Series Wagon Flexibility

## Overview

### Key Messages

#### E-Series Wagon



- The E-Series Wagon is all about flexibility — for carrying people or cargo, for personal or commercial use
- Seats have contemporary styling and head restraints designed to comply with the latest safety standards
- The optional Navigation System with SIRIUS Travel Link™ includes a single-disc CD player with MP3 capable audio system
- The optional Rearview Camera helps drivers see what's behind them when backing up

### Key Features

#### Ford Work Solutions™

Provides customers unprecedented levels of connectivity, flexibility and security to assist them in the day-to-day operation of their business<sup>(1)</sup> with these features:

**In-dash computer** provides high-speed Internet access, allows users to print invoices, check inventories or access their home or office computer network.

**Crew Chief™** by Microlise™ is a telematics and vehicle diagnosis system providing real-time vehicle location and maintenance tracking that can be accessed with the onboard computer.

#### Interior Convenience

**The instrument panel** is designed to be functional and user friendly. It is based on the proven F-Series Super Duty® design.

**Engine cover console** features usable storage compartments and functional cup holders, a clipboard slot, recessed shelf and removable ash cup.

**Door trim panels** include an upper storage bin for capacity and convenience.

**SYNC®** voice-activated communications and entertainment system<sup>(2)</sup> now includes Traffic, Directions, and Information functionality (new for the 2010 model year). This latest version of SYNC provides access to turn-by-turn directions, personalized traffic reports and business search (411) — all accessed by voice commands — in addition to 911 Assist™ and Vehicle Health Report (VHR) functionality. See pages 15 and 16 for feature descriptions and restrictions.

**Navigation System with SIRIUS Travel Link** includes a Music Jukebox and an easy-to-use LCD touch screen. SIRIUS Travel Link provides access to real-time traffic and weather updates, sports updates and movie listing information.

**Reverse Sensing System** detects obstacles up to 6 feet away, to alert drivers to certain objects near the rear of the vehicle when backing up. Requires optional rear contour or rear step bumper.

#### Interior Convenience cont'd

**Rearview Camera** provides added driver convenience when backing up and is especially useful when parallel parking or connecting a trailer. The camera image is displayed in the interior rearview mirror or on the Navigation System screen if equipped.



**Tilt steering wheel** is standard on all models to help provide added driver comfort.

**User-defined switches** serve as a convenient power source for accessories such as winches or auxiliary lighting.



#### Safety and Security

**AdvanceTrac® with RSC® (Roll Stability Control™)** is an electronic stability control system that works to improve control on slippery, low-traction road surfaces and helps counteract excessive vehicle roll motion.

**Tire Pressure Monitoring System (TPMS)** monitors actual tire pressure of the road wheels and alerts driver if a tire is significantly underinflated.

**Second Generation driver and right front passenger airbags** provide additional protection in certain moderate-to-severe frontal and near-frontal collisions.

**Four-wheel disc Anti-lock Braking System (ABS)** is designed to help the driver maintain steering control during hard-braking situations.

(1) Not all features available while vehicle is in motion.

(2) Driving while distracted can result in loss of vehicle control. Only use mobile phones and other devices, even with voice commands, when it is safe to do so.

# 2010 E-Series Wagon

## Flexibility

### FLEXIBILITY

#### This page is about:

- Instrument Panel
- Seating
- Engine Cover Console
- Door Trim Panels

## Interior Convenience

### Instrument Panel



- Designed to be functional and user friendly
- Based largely on the proven design of the F-Series Super Duty® line
- Features include:
  - Instrument cluster with easy-to-read gauges
  - Glove box with power point
  - Passenger-side airbag cover
- Storage tray above the passenger airbag
- Storage bin at the top of the center stack
- Auxiliary audio input jack on models equipped with a CD radio
- Features of the base instrument cluster include:
  - Logical gauge design and layout
  - Optional 2-line Message Center that displays important vehicle information by constantly monitoring a number of vehicle operating systems
  - Electronic transmission gearshift indicator has no mechanical connection between the transmission and the instrument cluster
- Audio opening dimensions are standardized, allowing commonality with the audio systems in other Ford vehicles. A major benefit is the availability of an optional Navigation System with SIRIUS Travel Link™. See pages 12, 15 and 24 for additional details and features



### Seating

- Front seat designed with head restraint height complying with latest safety standards
- Available power driver seat
- Leather-trimmed seating available with 7-passenger seating
- 7-passenger seating provides 1st- and 2nd-row Captain's Chairs, a 3rd-row 3-passenger bench seat
- 8-passenger seating provides 1st-row Captain's Chairs, a 2nd- and 3rd-row 3-passenger bench seat
- 12-passenger seating provides 1st-row Captain's Chairs, 2nd- and 3rd-row 3-passenger bench seats and 4th-row 4-passenger bench seat
- 15-passenger seating provides 1st-row Captain's Chairs, 2nd-, 3rd- and 4th-row 3-passenger bench seats and a 5th-row 4-passenger bench seat
- Removable 2nd-, 3rd-, 4th- and 5th-row seats create a flat loadfloor for maximum cargo capability



### Engine Cover Console

- Console features usable storage compartments and functional cup holders
- One cup holder includes a standard removable ash cup
- Storage compartments come in a variety of shapes and sizes to accommodate a multitude of items within easy reach of the driver or passenger
- Console includes a clipboard slot and a recessed storage shelf behind the slot



### Door Trim Panels

- Design includes an upper storage bin in addition to the lower storage bin, for more capacity and convenience
- Upper bin in driver door also includes an elastic retention strap



## FLEXIBILITY

### This page is about:

- Rearview Camera
- User-defined Switches
- Remote Keyless Entry System
- Reverse Sensing System
- 60/40 Swing-out and Sliding Side Doors
- Rear Cargo Doors

# 2010 E-Series Wagon

## Flexibility

### Interior Convenience cont'd

#### Rearview Camera



- Optional on all Wagon models
- Includes a camera mounted in the rear license plate bracket that provides added driver convenience when backing up and is especially useful when parallel parking or hitching a trailer
  - System automatically engages when the vehicle is placed in Reverse
  - Video is shown on the Navigation System screen 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 displayed in the electrochromic rearview mirror on vehicles without the Navigation System

#### User-defined Switches

- Optional on all Wagon models with 5.4L or 6.8L engines
- Upfitter switches (4) located at the top of the instrument panel
- Serve as a convenient power source for accessories such as winches or auxiliary lighting
- Requires 155-amp Extra Heavy Duty Alternator with 5.4L or 6.8L engines, 225-amp Extra Heavy Duty Alternator with 6.8L engine



#### Remote Keyless Entry System

- Passively activated system in combination with a remote entry transmitter that locks and unlocks doors and activates interior lights (illuminated entry)
- Panic button that activates audible alarm
- Two remote keyless entry transmitters
- Requires Power Windows and Locks Group and Interior Upgrade Package on XL
- Optional on XL and XLT, included with XLT Premium Package

#### Reverse Sensing System

- Detects an obstacle up to 6 feet away to alert drivers to certain objects near the rear of the vehicle when backing up
- Requires rear step or contour bumper

#### 60/40 Swing-out Side Doors

- Allow plenty of room for rear-seat entry and exit

#### Sliding Side Door

- An option that provides wide, easy access to the interior

#### Rear Cargo Doors

- Standard on all Wagon models
- Can be opened wide, up to 172 degrees, for easier access to the cargo area to make loading and unloading easy

# 2010 E-Series Wagon

## Flexibility

### FLEXIBILITY

#### This page is about:

- Audio Systems —
- SIRIUS® Satellite Radio —
- SYNC® —
- Voice-activated Navigation System with SIRIUS Travel Link™ —
- SIRIUS Travel Link —

## Audio/Entertainment/Navigation

### Audio Systems

- AM/FM stereo
- Single-disc CD/MP3 player

**NOTE:** See page 23 for more information.

### SIRIUS® Satellite Radio

- Over 130 channels
- Commercial-free music
- Digital sound quality
- Seamless coverage anywhere in the 48 contiguous states and Washington, D.C.
- 6-month complimentary subscription subject to geographic location and availability

**NOTE:** See page 23 for more information.

### SYNC®(1)

Ford and Microsoft® have teamed up to develop SYNC. This Ford-exclusive technology will change the way customers use their digital media and Bluetooth®(2) wireless technology enabled mobile phones. SYNC allows drivers to stay connected to the information, entertainment and people they care about while on the road. SYNC features:

- Traffic, Directions and Information is new for 2010
  - Includes a complimentary 3-year prepaid subscription
- 911 Assist™
- Vehicle Health Report (VHR)
- Voice-activated hands-free calling
- Uninterrupted connections that allow going directly from mobile phone to the vehicle's hands-free phone during the call
- Audible text messages
- Advanced calling features like caller ID, call waiting, conference calling and more
- Voice-activated control of an MP3-style media player
- Instant voice recognition
- Ringtone support
- Automatic phone book transfer for mobile phones with this feature
- Multilingual intelligence (English, French, Spanish)
- For more information, go to [syncmyride.com](http://syncmyride.com)

**NOTE:** SYNC Traffic, Directions and Information services are replaced by the vehicle's Navigation System and SIRIUS Travel Link functionality in vehicles equipped with the combination of SYNC and the Voice-activated Navigation System. See page 16 for more information.

### Voice-activated Navigation System with SIRIUS Travel Link™

- 6.5" LCD touch-screen display
- Real-time traffic and weather reports provided by SIRIUS Travel Link
- Music Jukebox for storage and access to around 2,400 songs
- Integrated climate control functions
  - Temperature
  - Mode
  - Fan speed
- Voice-activated climate control functions
  - Temperature
  - Fan speed
- Fast route calculations, zooming, scrolling and route previews
- Audible step-by-step route guidance feature that announces upcoming maneuver with specific street names
- Capable of playing DVD-based movies while vehicle is in Park

**NOTE:** Includes a single-disc version of the Premium audio system. See page 24 for more information.

### SIRIUS Travel Link(3)

- 6-month complimentary subscription subject to geographic location and availability
  - Real-time traffic updates every 2.5 minutes and includes automatic rerouting capability
  - Weather updates provide current weather and five-day forecast
  - Fuel pricing for over 120,000 gas stations
  - Sports updates and movie listings
- NOTE:** See page 24 for more information.

(1) Driving while distracted can result in loss of vehicle control. Only use mobile phones and other devices, even with voice commands, when it's safe to do so.

(2) The Bluetooth word mark is a trademark of the Bluetooth, SIG, Inc.

(3) Real-time traffic monitoring available in select markets. Some features are unavailable while driving. Service available in the 48 contiguous states and Washington, D.C. SIRIUS Travel Link is a trademark of SIRIUS XM Radio, Inc.

**This page is about:**

- Traffic, Directions and Information
- 911 Assist™
- Vehicle Health Report (VHR)

# 2010 E-Series Wagon

## Flexibility

### SYNC® Technology

#### Traffic, Directions and Information<sup>(1)</sup>

- Ford-exclusive technology
- Includes a complimentary 3-year prepaid subscription
- Provides simple voice command access to traffic reports, turn-by-turn driving directions, business listings, sports scores, weather forecasts and news
- Updatable by logging on to **syncmyride.com**
- **Traffic** provides traffic reports between two points, such as home and work
  - Also provides text message traffic alerts to the owner's mobile phone
  - Customers can use their online SYNC owner account to set up personalized address points
- **Directions** provide easy-to-understand in-vehicle driving directions to businesses, personalized locations or specific street addresses
  - The Directions service uses the same personalized address points that are used for Traffic
- **Information** provides access to:
  - Business Search by name or category with results provided in vehicle, including turn-by-turn directions and telephone number
  - News reports in a variety of categories
  - Sports scores
  - Weather information for a number of U.S. cities
  - Favorites allows customers quick access to their favorite news, sports and weather information

**NOTE:** SYNC Traffic, Directions and Information services are replaced by the vehicle's Navigation System and SIRIUS Travel Link™ functionality in vehicles equipped with the combination of SYNC and the Voice-activated Navigation System.

#### 911 Assist™

- Assists occupants in placing a 911 call in certain vehicle crashes by using a properly paired and connected mobile phone inside the vehicle<sup>(2)</sup>
- Occupants can cancel the call by pressing and holding the phone button on the steering wheel, or by confirming the cancellation message on the Navigation System screen
- Connects to a 911 operator informing them of the accident
- Opens the SYNC microphone to allow vehicle occupants to communicate hands-free with the 911 operator

#### Vehicle Health Report (VHR)<sup>(1)</sup>

- Produces an easy-to-understand report accessible on **syncmyride.com**
- Customers are able to monitor the operating condition of their vehicle and work closely with the dealership to keep it in peak running condition
- VHR combines data from multiple sources to communicate diagnostic, recall and maintenance information
- Provides the capability to seamlessly schedule dealership service via the dealer Web site, via Genuine eService or by e-mail
- Vehicle Health Overview includes:
  - Brakes and suspension
  - Checks, fluids and filters
  - Engine, transmission and emissions systems
  - Restraints and driver assistance
- Will notify the customer of:
  - Recommended scheduled maintenance based on current odometer reading
  - Recalls and Field Service Actions requested by Ford Motor Company to repair certain safety- or emissions-related concerns

(1) Driving while distracted can result in loss of vehicle control. Only use mobile phones and other devices, even with voice commands, when it's safe to do so.

(2) 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.

# 2010 E-Series Wagon

## Flexibility

**FLEXIBILITY**

**This page is about:**

Ford Work Solutions™

In-dash Computer

Crew Chief™ by Microlise™

## Ford Work Solutions™

Ford Work Solutions provide customers unprecedented levels of connectivity, flexibility and security to assist them in the day-to-day operation of their business.<sup>(1)</sup>



The features and technologies included in Ford Work Solutions were closely developed with industry-leading partners and the direct result of research into the needs of contractors and tradespeople across the United States.

This partnership and research have resulted in the E-Series Wagon offering two innovative features:

### In-dash Computer (98A)

#### Computer

- Computer is securely integrated into the vehicle's dash and has 4 GB of available memory
- 6.5" LCD touch screen provides easy access to Ford Work Solutions functions
- Productivity software
- Bluetooth<sup>®(2)</sup> supports wireless keyboard with integrated mouse pad



#### Garmin® Mobile Navigation

- Detailed direction, maps and Points of Interest (POI)
- Voice-prompted turn-by-turn directions
- Real-time traffic, weather and fuel prices (requires Sprint® Mobile Broadband)

#### Hands-Free Phone

- Most Bluetooth wireless technology enabled mobile phones can be paired for hands-free operation
- Text messages can be sent and received

#### Media

- AM/FM radio and CD/MP3 player
- Includes an auxiliary input connection for portable digital media players

#### Internet

- High-speed Internet access is provided by Sprint Mobile Broadband and requires activation through Sprint

#### LogMeIn®

- Remote access to office/home computers from the vehicle
- Allows documents to be printed to the vehicle using the available wireless printer

**NOTE:** SYNC<sup>®</sup> is not available with in-dash computer.

### Crew Chief™ by Microlise™ (85C)

- 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



(1) Not all features are available while the vehicle is in motion.

(2) The Bluetooth word mark is a trademark of the Bluetooth, SIG, Inc.

**This page is about:**

- 11-Passenger Livery Wagon Package
- 14-Passenger Livery Wagon Package
- Center Aisle Seating Prep Packages
- High-Series Exterior Upgrade Package

# 2010 E-Series Wagon

## Flexibility

### Packages

#### 11-Passenger Livery Wagon Package (18H)

- Optional on E-350 XLT Regular Length only
- Includes:
  - XLT Trim
  - Center Aisle Seating Prep Package
  - Running boards
  - Privacy glass
  - Requires Ship Thru Code

#### 14-Passenger Livery Wagon Package (18J)

- Optional on E-350 XLT Extended Length only
- Includes:
  - XLT Trim
  - Center Aisle Seating Prep Package
  - Running boards
  - Privacy glass
  - Requires Ship Thru Code

#### Center Aisle Seating Prep Package XL 11-Passenger/14-Passenger (66S/66T)

- Optional on E-350 XL Regular Length (66S) and E-350 XL Extended Length (66T) only
- Includes:
  - Trim and floor plugs for deleted seating and seating restraint components
  - Hinged 60/40 side cargo door
  - Vinyl floor covering, front only (front dash to B-pillar)
  - (2) High-back bucket vinyl seats with inboard armrests and 4th-row 4-passenger bench seat (5th-row seat in 14-passenger)
  - Deletes 2nd- and 3rd-row 3-passenger bench seats, seat-mounting attachments, hardware and seat restraint systems (and 4th-row seat in 14-passenger)
  - Medium Flint vinyl seat trim
  - Vehicle is categorized as incomplete with this prep package. Authorized upfitter does invoice separately to the dealer
  - Requires Ship Thru Code

#### Center Aisle Seating Prep Package XLT 11-Passenger/14-Passenger (66W/66Z)

- Optional on E-350 XLT Regular Length (66W) and E-350 XLT Extended Length (66Z) only
- Includes:
  - Trim and floor plugs for deleted seating and seating restraint components
  - Hinged 60/40 side cargo door
  - Carpeting, front only (front dash to B-pillar)
  - (2) Captain's Chairs, cloth, with inboard armrests and 4th-row 4-passenger bench seat (5th-row seat in 14-passenger)
  - Throw-in floor mats
  - Not available with sliding side cargo door
  - Deletes 2nd-, 3rd- and 4th-row 3-passenger bench seats, seat-mounting attachments, hardware and seat restraint systems (and 5th-row seat in 14-passenger)
  - Cloth seat trim
  - Vinyl floor covering, front only (front dash to B-pillar); can be added as a no-charge option (floor mats will be deleted)
  - Vehicle is categorized as incomplete with this prep package. Authorized upfitter does invoice separately to the dealer
  - Requires Ship Thru Code

#### High-Series Exterior Upgrade Package (18A)

- Optional on XL and includes:
  - Chrome front and rear bumpers
  - Chrome grille
  - Dual sealed-beam with fixed lens headlamps

# 2010 E-Series Wagon

## Flexibility

### FLEXIBILITY

#### This page is about:

- Insulation Package
- Interior Upgrade Package
- Mid-Series Exterior Upgrade Package
- Power Windows and Locks Group
- Trailer Towing Packages
- Radio Prep Package

## Packages cont'd

### Insulation Package (551)

- Included on XL with Interior Upgrade Package
- Includes:
  - Cloth sun visors (illuminated on XLT)
  - Color-keyed sliding door track (with sliding side cargo door)
  - Upper LH/RH B-pillar trim panels
  - XLT side and rear trim panels with insulation padding

### Interior Upgrade Package (18G)

- Optional on XL, standard on XLT, not available with Center Aisle Seating Prep Package, includes:
  - Carpeting (vinyl floor covering can be ordered in lieu of carpet)
  - "C" series trim buckets on XL, "M" series Captain's Chairs on XLT
  - Dash sound absorber
  - Floor mats, carpeted (front throw-in only, not available with vinyl flooring)
  - Headlights ON audible alert warning chime
  - Insulation Package
  - Power locks/windows
  - XLT side/rear door trim panels

### Mid-Series Exterior Upgrade Package (18D)

- Optional on XL and includes:
  - Black painted front and rear (contour) bumpers
  - Chrome grille
  - Dual sealed-beam with fixed lens headlamps

### Power Windows and Locks Group (903)

- Includes:
  - Memory lock module on units with sliding side door
  - Power door locks (front and rear)
  - Power windows
  - High-series door trim panels
  - Optional on XL

### Class I Trailer Towing Package (534)

- Includes:
  - Trailer wiring harness
- Refer to Owner's Guide for required equipment and towing limits
- Included with step bumpers

### Class II/III/IV Trailer Towing Package (536)

- Optional on all models, requires rear step bumper; black or chrome
- Includes:
  - Electric brake controller tap-in capability
  - Trailer wiring harness (blade-style female connector) with bumper bracket
  - Relay system for backup and running lights
  - Frame-mounted hitch receiver
  - Refer to Owner's Guide for required equipment and towing limits

### Radio Prep Package (58P)

- Optional on XL and XLT, includes:
  - 6 speakers/grilles
  - Antenna
  - Wiring normally provided with single-CD radio packages

### Remote Keyless Entry/Panic Alarm (948)

- Optional on XL and XLT, standard with XLT Premium Package, includes:
  - Two remote keyless entry transmitters
  - "Panic" button that activates audible alarm
- Requires Interior Upgrade Package and Power Windows and Locks Group

### XLT Premium Package (86X)

- XLT Premium Package, available on E-150 XLT models only
- Includes:
  - Leather Captain's Chairs (first- and second-row)
  - Power driver's seat
  - Cruise control
  - Message Center with compass display
  - Remote Keyless Entry
  - Leather-wrapped steering wheel
  - Privacy glass
  - Auto-dimming inside rearview mirror
  - Forged aluminum wheels
  - Running boards
  - SYNC®

## FLEXIBILITY

### This page is about:

- AdvanceTrac® with RSC® (Roll Stability Control™)
- Roll Stability Control (RSC)
- Traction Control
- Four-wheel Anti-lock Braking System (ABS)
- Brake Assist
- Electronic Brake Force Distribution

# 2010 E-Series Wagon Flexibility



## AdvanceTrac® with RSC® (Roll Stability Control™)

- Standard on all Wagons
- An electronic stability control system that helps the driver maintain vehicle control 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:** See the Safety section in the Source Book Appendices or on **eSourceBook** for more information.

## Roll Stability Control (RSC)

- RSC is an additional vehicle control software module
- Builds on the ABS, Traction Control and yaw control systems of AdvanceTrac to help keep the vehicle tires on the ground by monitoring and helping control the vehicle roll rate

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

## Traction Control

- Uses a combination of brake and/or engine control to maximize available traction on slippery or loose driving surfaces at any speed

## Four-wheel Anti-lock Braking System (ABS)

- Helps drivers to maintain steering control in emergency or other hard-braking situations
- Electronically "pumps" the brakes several times per second when the computer-controlled sensors indicate wheel lockup during hard braking

### A CLOSER LOOK: Anti-lock Braking System

Remind your customers that ABS does not necessarily shorten stopping distances, but is designed to help the driver maintain steering control during hard-braking situations. An E-Series vehicle that's pulling a trailer or hauling a heavy load will take longer to stop as compared to an unloaded vehicle, even when equipped with ABS.

## Safety

### Brake Assist

- Recognizes when the brake pedal is applied suddenly but without enough force to provide full deceleration
- With Brake Assist, the system engages the appropriate pressure to maximize vehicle deceleration and help reduce stopping distances
- Without the Brake Assist feature, the result could be a longer stopping distance than desired
- Once the driver releases the brake pedal, the vehicle returns to normal braking mode

### Electronic Brake Force Distribution

- Automatically balances the front-to-rear brake force distribution to reduce the tendency for rear-wheel lockup
- Optimizes braking performance according to vehicle load of passengers and/or cargo

### Four-wheel Disc Brakes

- Feature large rotors, caliper pistons and specially formulated pad material to help improve stopping distances and steering control, and also help improve brake life by reducing operating temperatures
- Disc brakes help resist fade better than drum brakes

### Tire Pressure Monitoring System (TPMS)

- 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 dash when a tire is significantly underinflated

**NOTE:** Certain E-Series models may be equipped with tires requiring different front and rear inflation pressures and will require that the TPMS sensors be retrained when the tires are rotated. See the Safety section in the Source Book Appendices, on **eSourceBook**, or the vehicle Owner's Guide for additional information and the proper retraining procedure.



# 2010 E-Series Wagon

## Flexibility

### FLEXIBILITY

#### This page is about:

Second Generation Airbag System
LATCH (Lower Anchors and Tethers for Children) System
Safety Belts
Safety Belt Pretensioners
Structural Safety
Security Systems

## Safety cont'd

### Second Generation Driver and Front Passenger Airbags

- Standard on all E-Series Wagons
- Provides additional protection in certain moderate-to-severe frontal and near-frontal collisions
- When used with properly worn safety belts, airbags represent one of the most effective occupant-protection systems available today
- Three-point front safety belts should be properly worn at all times
- All occupants should sit with their backs firmly against the seatbacks

### LATCH (Lower Anchors and Tethers for Children) System

- E-Series Wagons provide LATCH provisions in a number of seating positions, such as:
  - 7-passenger seating: 2nd-row left-hand bucket seat and in the center position of the 3rd-row bench seat
  - 8- and 12-passenger seating: in the center positions of the 2nd- and 3rd-row bench seats
  - 11- and 15-passenger seating: in the center of the 2nd-, 3rd-, 4th- and 5th-row bench seats
- Consists of a top tether anchor point and two rigid seat bars located where the seat cushion meets the seatback
- A LATCH compatible child safety seat attaches to the lower anchor points by means of flexible tethers or rigid latch bars
- LATCH assists in providing a secure attachment and its uniform installation method helps reduce the likelihood of incorrect installation

### Safety Belts

- 3-point lap/shoulder belts standard for driver and front-passenger seating positions
- All rear seating positions include Seat Integrated Restraints (SIR) with 3-point lap/shoulder harness

### Safety Belt Pretensioners

- In certain frontal collisions, the pretensioners for the driver and right front outboard safety belts are triggered by the same sensor that triggers airbag inflation
- Before airbag inflation, the pretensioner mechanism tightens the safety belt being worn by the driver or front outboard passenger to help reduce the amount of slack in the belt

### Structural Safety

Side door intrusion beams provide additional protection in certain side collisions.

Steel reinforced rear license plate housing includes steel lock cylinder flange to boost the tamper resistance of the rear door lock cylinder and locking mechanism.

## Security

### SecuriLock® Passive Anti-theft System

- Uses a specially coded ignition key (with billions of possible codes) to start the vehicle
- Designed to help prevent the engine from being started unless a coded key programmed to the vehicle is used

### Remote Keyless Entry System

- Locks and unlocks doors from up to 33 feet away
- Includes two transmitters and illuminated entry

## CAPABILITY

### This page is about:

- Trailer Towing Packages
- GVWR
- Standard Tires
- Passenger/Cargo Capacity
- Trailer Brake Controller

# 2010 E-Series Wagon Capability

## Overview

### Key Messages

#### E-Series Wagon



- E-Series has proven its capability over long years of getting the job done for thousands of personal-use customers
- With a multitude of heavy-duty equipment available, E-Series has a package to suit every need, whether it's personal or commercial

### Key Features

#### Towing and Hauling

**Class II/III/IV Trailer Towing Package** includes electric brake controller tap-in capability, 7-pin trailer wiring harness (blade-style female connector) with bumper bracket, relay system for backup/running lights and a frame-mounted hitch receiver.

**Trailer Brake Controller** ensures smooth and effective trailer braking by powering the trailer's electric brakes with a proportional output based on the towing vehicle's brake pressure.

**Gross Vehicle Weight Rating (GVWR)** for all E-Series Wagons is more than 8500 lbs., to handle the needs of your customers whether hauling or towing.

**Standard tires** include LT225/75R16E BSW all-season tires on E-150 and E-350 Wagons with V8 engine and LT245/75R16E BSW all-season tires on E-350 Wagons with V10 engine.

### Passenger/Cargo Capacity

The passenger/cargo rating represents the maximum allowable weight of people and cargo and must be reduced by optional equipment weight.

E-Series	Maximum Passenger/Cargo (lbs.)	Maximum Passengers
E-150 Wagon	2760	8
E-350 Super Duty® Wagon	2690	12
E-350 Super Duty Extended Wagon	2990/2580	11/15

### Trailer Brake Controller

- Factory-installed and warranted by Ford Motor Company
- Fully integrated into the instrument panel and the vehicle's onboard computer
  - Delivers better performance at a lower cost than any aftermarket system
- Ensures smooth and effective trailer braking by powering the trailer's electric brakes with a proportional output based on the towing vehicle's brake pressure
- Controller adapts its output based on the status of the Anti-lock Braking System (ABS)
- When the ABS module senses the towing vehicle's brakes are approaching lockup, the controller's braking strategy changes to compensate for traction conditions, reducing the risk of trailer brake lockup
- Provides instant visual/audible warning 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:** The Trailer Brake Controller has only been verified to be compatible with trailers having electrically actuated drum brakes (one to four axles) and not hydraulic surge or electric-over-hydraulic types.

**NOTE:** For additional towing information, please refer to the RV & Trailer Towing Guide, available as a downloadable PDF on **eSourceBook**, or the vehicle Owner's Guide.

# 2010 E-Series Wagon

## AUDIO/NAVIGATION/ENTERTAINMENT

### Audio/Navigation/Entertainment

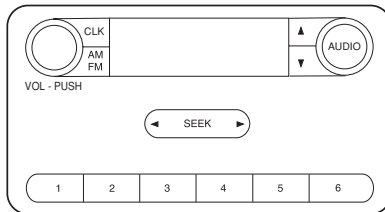
This page is about:

- AM/FM Stereo
- Single-disc CD/MP3 Player
- SIRIUS® Satellite Radio

#### All E-Series Wagon Audio Systems Include:

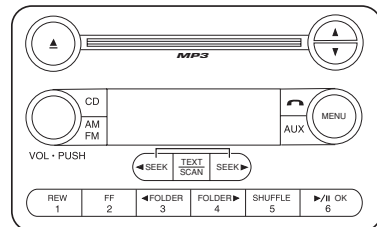
- Electronic AM/FM tuning
- Tone control
- Seek
- Digital clock

#### AM/FM Stereo



- 10 watts per channel
- 6 AM/12 FM presets
- 2 premium speakers

#### Single-disc CD/MP3 Player



Includes or replaces features of AM/FM stereo plus:

- 20 watts per channel
- 6 AM/12 FM presets
- Fade/balance
- Bass/treble
- Fast forward and rewind CD control scan track
- **Speed Compensated Volume**
  - Compensates for changing ambient noise levels by adjusting the volume of the radio according to the vehicle's speed signal
  - Allows a choice of 7 volume adjustment levels and is adjustable through the menu
- **RBDS (Radio Broadcast Data System)** function allows the following:
  - Radio station call letters appear on radio display
  - Type of music format appears on radio display
  - Search for type of music format
  - Only for FM radio stations supporting RBDS capability
- **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

- **Repeat** will play the selected track continuously until Repeat is deactivated when enabled during CD mode
- **Shuffle** plays CD/MP3 tracks in random order
- **Folder/track mode** allows the audio system to play and seek through disc tracks with or without folder option (available with MP3 discs only)
- Audio input jack
  - Allows the use of portable MP3 players
  - Vehicle audio system will not control the functions of the MP3 player

#### SIRIUS® Satellite Radio

- Includes 6 months of SIRIUS service subject to geographic location and availability
- Order Code 58N must be specified. This will equip the vehicle with the AM/FM stereo/6-disc in-dash CD changer and necessary vehicle-to-radio interface and antenna
- Unit is preactivated from the factory
- SIRIUS Satellite Radio can be accessed using existing radio head controls:
  - **Aux button** — press and release to enter satellite radio mode
  - **Seek/Scan** — use these buttons to change channels
- Key benefits of SIRIUS Satellite Radio include:
  - Over 130 channels of the best music, talk, news and information (65 music channels)
  - 100 percent commercial-free music
  - Seamless coverage anywhere in the 48 contiguous states and Washington, D.C.
- More information is available online at [www.sirius.com](http://www.sirius.com) or toll-free at (888) 539-SIRIUS (7474)

#### For More Audio Information

- Audio availability: See the latest Dealer Ordering Guide
- Operating information: See the vehicle Owner's Guide

**This page is about:**

- Voice-activated Navigation System with SIRIUS Travel Link™
- SIRIUS Travel Link

# 2010 E-Series Wagon

## Audio/Navigation/Entertainment

### Voice-activated Navigation System with SIRIUS Travel Link™



- Includes a **single-disc version of the Premium Plus audio system** with:
  - 18 station memory presets (12 FM and 6 AM)
  - 18 satellite radio station memory presets
- **Voice activation** recognizes certain voice commands to operate the system hands-free
- **Large 6.5" LCD touch screen** operates navigation and audio functions
- Integrated **climate control** functions
- Includes **Rearview Camera** display (if equipped)
  - Automatically engages when vehicle is placed in Reverse
  - Video is shown on the Navigation System screen
- **Traffic and weather information, fuel pricing, sports updates and movie listings** provided by SIRIUS Travel Link
  - Learn more about the capabilities of SIRIUS Travel Link in the "A Closer Look" box at right
- **Bird's-eye map** provides a "3D" view of route, landmarks and Points of Interest (POI)
- **Hard-drive-based system** includes 10 GB of storage for music and photos
- **Music Jukebox capability** allows for storage of 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 DVDs to be played while vehicle is in Park
- **Destination selection search** methods include:
  - Street address
  - Increased 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

#### A CLOSER LOOK: SIRIUS Travel Link<sup>(1)</sup>

- **6-month complimentary subscription** subject to geographic location and availability (included with Navigation System)
- **Real-time 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
- **Real-time 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.sirius.com](http://www.sirius.com) or toll-free at (888) 539-SIRIUS (7474)

(1) Real-time traffic monitoring available in select markets. Some features may not be available while the vehicle is in motion. Service available in the 48 contiguous states and Washington, D.C. SIRIUS is a registered trademark of SIRIUS XM Radio, Inc.

#### For More Audio Information



- Audio availability: See the latest Dealer Ordering Guide
- Operating information: See the vehicle Owner's Guide

# 2010 E-Series Wagon Wheels

## WHEELS

This page is about:

- 16" 8-Lug Steel with Sport Wheel Cover —
- 16" 8-Lug Forged Aluminum —

Wheel	Ordering Code	E-150 Wagon		E-350 Super Duty® Wagon		E-350 Super Duty Extended Wagon	
		XL	XLT	XL	XLT	XL	XLT
16" 8-Lug Steel Wheel with Sport Wheel Cover (16" x 7") <b>(NOTE: Spare is steel)</b> (Wheel cover shows 7 simulated lugs) 	614	Standard	Standard	Standard	Standard	Standard	Standard
16" 8-Lug Forged Aluminum Wheel (16" x 7") <b>(NOTE: Spare is steel)</b> 	64F	Optional	Optional <sup>(1)</sup>	Optional	Optional	Optional	Optional

(1) Standard with XLT Premium Package.

## COLOR AND TRIM

This page is about:

- Color and Trim Availability
- Interior Trim

# 2010 E-Series Wagon

## Color and Trim

### Color and Trim Availability

Paint Name	Order Code	XL/XLT	XLT Premium	XL/XLT	XLT Premium
		Medium Flint		Medium Pebble	
		AE/CE/ME		MW/LW	
New Ingot Silver Metallic	UX	■			
Black	BY	■	■	■	■
Dark Blue Pearl Metallic	DX	■	■		
Oxford White	YZ	■	■	■	■
Pueblo Gold Metallic	G3	■		■	■
Royal Red Metallic	UK	■	■	■	■
Vermillion Red	E4	■		■	
Yellow <sup>(1)</sup>	BY	■			

(1) Yellow available with Fleet Order types only.

### Interior Trim

Trim Type	Interior Color Code	
	Medium Flint	Medium Pebble
<b>XL</b> Vinyl Buckets Cloth Buckets	AE CE	
<b>XLT</b> Cloth Captain's Chairs	ME	MW
<b>XLT Premium</b> Leather Seating Surfaces Captain's Chairs only (3rd-row vinyl trim)	LE	LW

**NOTE:** See the 2010 Color & Upholstery Selections Guide or the Specifications section on **eSourceBook** for illustrations of the available seating choices.

# 2010 E-Series Wagon

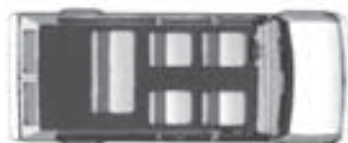
## Seating Configurations

SEATING CONFIGURATIONS

This page is about:

Seating Configurations

### Seating Configurations



#### 7-passenger E-150 XLT with XLT Premium Package Wagon

- Quad individual seats
- 3-passenger rear bench seat



#### 8-passenger E-150 Wagon

- Individual front seats
- Two 3-passenger bench seats



#### 12-passenger E-350 Super Duty® Wagon

- Individual front seats
- Two 3-passenger bench seats
- One 4-passenger bench seat



#### 11-passenger E-350 (optional) Super Duty Extended Wagon

- Individual front seats
- Three 3-passenger bench seats



#### 15-passenger E-350 Super Duty Extended Wagon

- Individual front seats
- Three 3-passenger bench seats
- One 4-passenger bench seat

**NOTE:** Inboard armrests are standard on all front seats.

## DIMENSIONS/CLUSTER

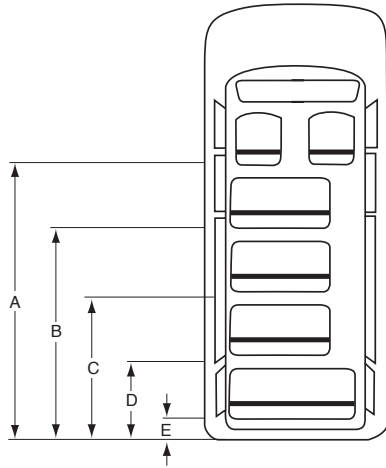
This page is about:

- Interior Dimensions
- Instrument Cluster

# 2010 E-Series Wagon

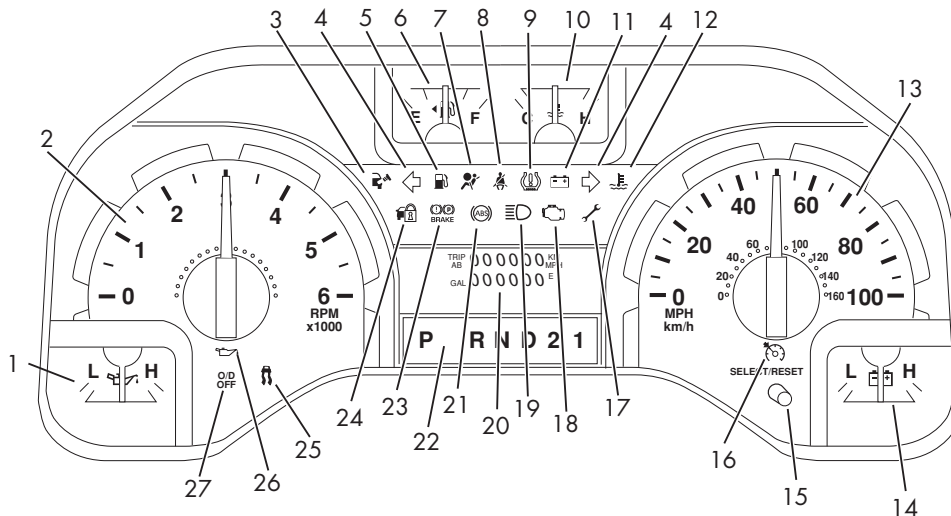
## Interior Dimensions/Instrument Cluster

### Interior Dimensions



			Regular Length (in.)	Extended Length (in.)
A	Inside length — driver seat to inside of rear door	@ floor @ beltline	120.6 113.7	140.6 133.7
B	Inside length — rear of first bench seat to inside of rear door	@ floor @ beltline	84.9 78.7	104.9 98.7
C	Inside length — rear of second bench seat to inside of rear door	@ floor @ beltline	51.4 47.6	71.4 67.6
D	Inside length — rear of third bench seat to inside of rear door	@ floor @ beltline	20.8 16.4	40.8 35.6
E	Inside length — rear of fourth bench seat to inside of rear door	@ floor @ beltline	18.5 14.6	38.5 34.6

### Instrument Cluster

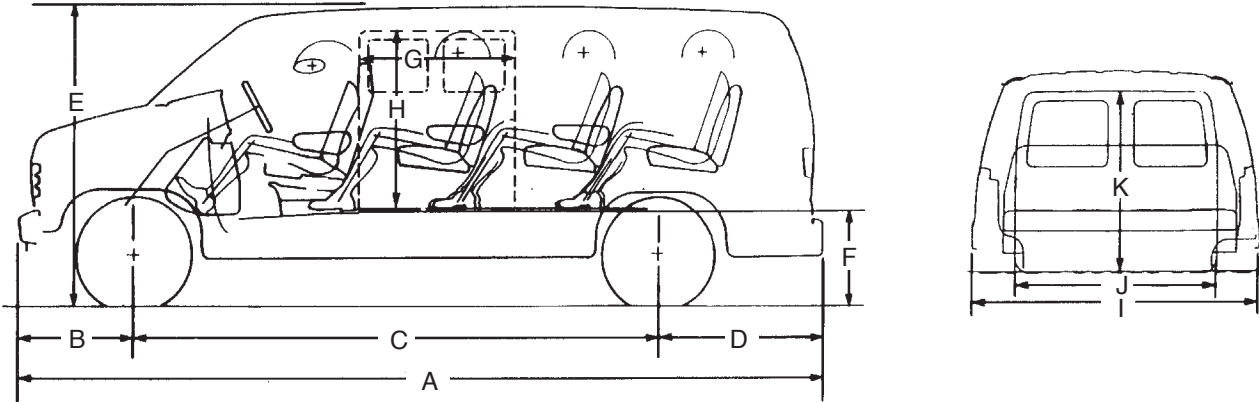


- |  |   |   |
|--|---|---|
| 1. Engine oil pressure gauge                 | 13. Speedometer                                     | 22. Transmission gearshift indicator                              |
| 2. Tachometer                                | 14. Battery voltage gauge                           | 23. Brake system warning/parking brake applied light              |
| 3. Check fuel cap warning light              | 15. Odometer/trip odometer select/reset switch      | 24. SecurILock® system active indicator                           |
| 4. Turn signal                               | 16. Cruise control activated light                  | 25. AdvanceTrac® with RSC® (Roll Stability Control™) active light |
| 5. Low fuel warning light                    | 17. Electronic Throttle Control (ETC) warning light | 26. Low oil pressure warning light                                |
| 6. Fuel gauge                                | 18. Service engine soon warning light               | 27. Transmission overdrive off light                              |
| 7. Airbag readiness warning light            | 19. High beams on light                             |   |
| 8. Fasten safety belt warning light          | 20. Odometer/trip odometer/Message Center           |   |
| 9. Low tire pressure warning light           | 21. Anti-lock Braking System (ABS) warning light    |   |
| 10. Engine coolant temperature gauge         |   |   |
| 11. Charging system warning light            |   |   |
| 12. Engine coolant temperature warning light |   |   |

# 2010 E-Series Wagon

E-SERIES WAGON

## Dimensions



### BODY DIMENSIONS — Wagon Exterior

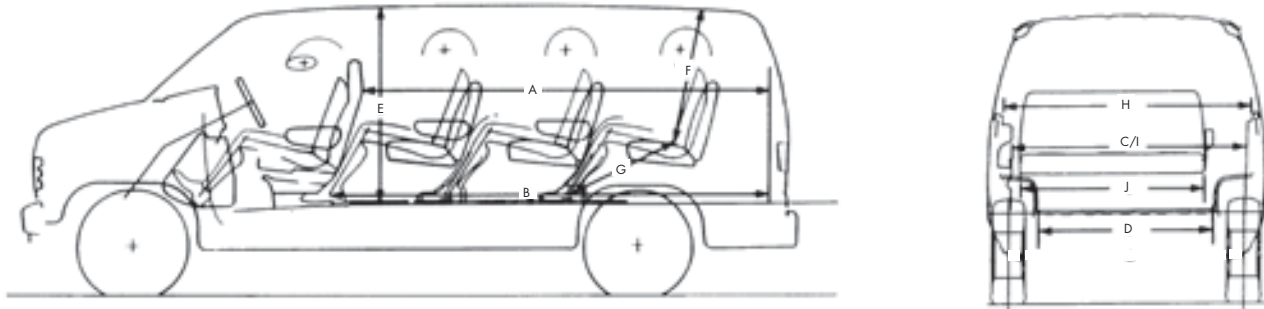
Model/Series		E-150	E-350 Super Duty®	E-350 Super Duty Extended Wagon
Code	Description	Inches	Inches	Inches
A	Overall Length	216.7	216.7	236.7
B	Front Overhang	34.9	34.9	34.9
C	Wheelbase	138.0	138.0	138.0
D	Rear Overhang	43.8	43.8	63.8
E	Cab Height	82.1	83.1	82.3
F	Load Height	28.8	30.2	29.1
G	Side Cargo Door Opening Width (Hinged) <sup>(1)</sup>	44.8	44.8	44.8
H	Side Cargo Door Opening Height	47.2	47.2	47.2
I	Vehicle Width <sup>(2)</sup>	79.4	79.4	79.4
J	Rear Cargo Opening Width at Floor	54.4	54.4	54.4
K	Rear Cargo Opening Height	46.8	46.8	48.0

(1) Optional Sliding = 39.6"  
 (2) Excluding mirrors.

E-Series Wagon

# 2010 E-Series Wagon

## Dimensions cont'd



### BODY DIMENSIONS — Wagon Interior

Model/Series		E-150	E-350 Super Duty®	E-350 Super Duty Extended Wagon
Code	Description	Inches	Inches	Inches
A	Cargo Length at Belt	113.7	113.7	133.7
B	Cargo Length at Floor	120.6	120.6	140.6
C	Overall Width <sup>(1)</sup>	79.4	79.4	79.4
D	Cargo Width Between Wheelhouses	51.1	51.1	51.1
E	Cargo Height	51.9	51.9	51.9
F	Head Room (1st Row)	42.0	42.0	42.0
F	Head Room (2nd Row)	40.2	40.2	40.2
F	Head Room (3rd Row)	40.1	40.1	40.1
F	Head Room (4th Row)	—	38.9	39.6
F	Head Room (5th Row)	—	—	37.4
G	Leg Room (1st Row)	40.0	40.0	40.0
G	Leg Room (2nd Row)	38.8	38.8	38.8
G	Leg Room (3rd Row)	40.0	40.0	40.0
G	Leg Room (4th Row)	—	39.4	39.4
G	Leg Room (5th Row)	—	—	37.0
H	Shoulder Room (1st Row)	68.1	68.1	68.1
H	Shoulder Room (2nd Row)	71.7	71.7	72.8
H	Shoulder Room (3rd Row)	71.7	71.7	71.7
H	Shoulder Room (4th Row)	—	69.4	69.4
H	Shoulder Room (5th Row)	—	—	67.5
I	Hip Room (1st Row)	65.6	65.6	65.6
I	Hip Room (2nd Row)	66.5	66.5	68.6
I	Hip Room (3rd Row)	66.8	66.8	66.8
J	Hip Room (4th Row)	—	66.1	66.1
J	Hip Room (5th Row)	—	—	65.8

(1) Excluding mirrors.

# 2010 E-Series Wagon

E-SERIES WAGON

## Weight Ratings

GVWR/Passenger Capacity/OPT & ARC/Spring & GAWR (Front Computer-selected)/  
Base Curb Weight

Model	WB (in.)	Engine/ Trans.	Maximum GVWR (lbs.)	Maximum Passenger Capacity	OPT/ARC Weight (lbs.) <sup>(1)</sup>	Spring/GAWR (lbs.) <sup>(2)</sup>		Base Curb Weight (lbs.)		
						Front Max.	Rear	Front	Rear	Total
E-150	138	4.6L/Auto	8520	8	655	3700 – 3800	5120	3000	2695	5695
Wagon	138	5.4L/Auto	8600	8	577	3700 – 3800	5120	3058	2715	5773
E-350 SD	138	5.4L/Auto	8800	12	715	3700 – 3800	5360	3064	2980	6044
Wagon	138	6.8L/Auto	8700	12	401	3550 – 3900	5545	3230	3026	6256
E-350 SD	138	5.4L/Auto	9300	11	1179	3400 – 3700	6084	2971	3272	6243
Extended Wagon	138	6.8L/Auto	9500	11	1122	3550 – 3800	6084	3132	3321	6453
	138	5.4L/Auto	9100	15	337	3250 – 3400	6084	2902	3546	6448
	138	6.8L/Auto	9300	15	326	3400 – 3550	6084	3066	3591	6657

(1) OPT & ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment (Accessory Reserve Capacity) for models with standard equipment and the engine/transmission combination indicated.

(2) 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 GVWR or GAWR (front or rear).

**NOTE:** Refer to page 32 for Standard Powertrain/Chassis Equipment Specifications. Refer to the Accessory Reserve Capacity (ARC) Calculation/Worksheet on page 3-6 of the Truck Payload section in the Source Book Appendices section or on **eSourceBook**.

# 2010 E-Series Wagon

## Standard Seating Capacity/Powertrain/ Chassis Equipment Specifications

<b>MODEL: WAGON</b>		<b>E-150</b>			<b>E-350 SUPER DUTY®</b>		<b>E-350 SUPER DUTY EXTENDED</b>			
— 138" WB		<b>XL</b>	<b>XLT</b>	<b>XLT Premium</b>	<b>XL</b>	<b>XLT</b>	<b>XL</b>	<b>11</b>	<b>XLT</b>	<b>11</b>
<b>TRIM:</b>		8	8	7	12	12	15	11	15	11
<b>PASSENGER CAPACITY:</b>										
<b>SEATING ARRANGEMENTS:</b>										
Bucket Seats	— Dual (1st row)	■			■		■	■		
Captain's Chairs	— Dual (1st row)		■			■			■	■
	— Quad (1st/2nd row)			■						
Bench Seat	— 3 Pass. (2nd row)	■	■		■	■	■	■	■	■
	— 3 Pass. (3rd row)	■	■	■	■	■	■	■	■	■
	— 3 Pass. (4th row)						■		■	■
	— 4 Pass. (4th row)				■	■		■		
	— 4 Pass. (5th row)						■		■	
<b>POWERTRAIN:</b>										
Engine	— Application	Refer to Preferred Equipment Packages for 50 States Usage								
	— Type	4.6L SEFI V8			5.4L SEFI V8					
Transmission	— Type	4-Speed Auto OD (4R75E)								
<b>AXLES:</b>										
Front Axle	— Type	Twin I-Beam IFS								
	— Capacity (Rating @ Ground)	5000 lbs.								
Rear Axle	— Type	Semi-Floating, Dana 9.75"								
	— Capacity (Rating @ Ground)	5520 lbs.			6340 lbs.					
<b>BRAKES:</b>										
Front Disc	— Type	Dual Piston Caliper (2.36" Caliper Piston)								
	— Size	13.58" Diameter Rotor								
Rear Disc	— Type	Dual Piston Caliper (1.89" Caliper Piston)								
	— Size	13.58" Diameter Rotor								
	— Boost Ratio	7.5:1								
Power Assist Unit	— Type	Dual Diaphragm								
	— Effective Dia.	13.46"								
Anti-Lock System		4-Wheel ABS								
Parking Brake	— Rear Brakes	Foot Operated, Push to Apply/Pull Hand Lever to Disengage								
<b>ELECTRICAL:</b>										
Alternator	— Rating	6G135 - 120 Ampere, 1620 Watts <sup>(1)</sup>			SC2 - 155 Ampere, 2090 Watts <sup>(1)</sup>					
Battery	— Type	Maintenance-Free								
	— Rating	72 Amp-hr., 650 CCA								
<b>FUEL TANK:</b>	— Capacity	35-Gallon Midship								
<b>JACK:</b>	— Capacity	2-Ton Mechanical								
<b>STEERING:</b>	— Type	Power, Ford XR-50 (H.D. Gear on E-350 Super Duty® Wagons)								
	— Ratio	17.0:1								
<b>SUSPENSION:</b>										
Frame	— Type	Single-Channel, 5-Crossmembers (6 With E-350 Super Duty Wagons), 36,000 psi Steel								
	— Section Modulus	3.30 cu. in.			5.44 cu. in.					
Springs, Front	— Type	Coil, Computer-Selected								
	— Rating @ Ground (min.)	3550 lbs.			3400 lbs.			3100 lbs.		
	— Type	Multi-Leaf, Two-Stage								
Springs, Rear	— Rating @ Ground (min.)	5120 lbs.			5545 lbs.			6195 lbs.		
	— Gas-Type	35mm								
Stabilizer Bar	— Front—Diameter	25.4mm								
<b>TIRES:</b>	— Type	Five, BSW, Steel-Belted Radial, All-Season								
	— Size	LT225/75R16E						LT245/75R16E		
	— Spare tire carrier	Frame-Mounted at Rear with Cable Retention								
<b>WHEELS:</b>	— Type & Size	Five, 8-Hole Disc, 16" x 7.0" J Steel								

(1) Rated current @ 6000 rpm per ISO 8854; 1988(E) and SAE J56 JUN 1999.

# 2010 E-Series Wagon

## Technical Specifications

E-SERIES WAGON

### Axles

#### FRONT AXLE SPECIFICATIONS

Model/Series		E-150/E-350 Wagon
Max. Rating @ Ground (lbs.)		5000
Type		Twin-I-Beam Spindle with Ball Joints
Axle	— Material	Nodular Cast Iron
	— Spring Centers (in.)	47.0
Radius Arms	— No.	2
	— Material	Stamped High-Strength Low-Alloy Steel
Ball Joint	—	Lubed for Life Ball Joints
Spindle	— Material	Nodular Cast Iron Body with Forged Steel Stem
Wheel Bearings	— Type	Tapered Roller

#### REAR AXLE SPECIFICATIONS

Model/Series		E-150 Wagon	E-350 Super Duty® Wagon
Make	—	Dana 9.75"	Dana 9.75" HD
Rating @ Ground (lbs.)		5520	6340
Type	—	Semi-Floating	
Driveline Attachment (in.)	—	4.25 Circular Flange	
Housing	— Type	Cast Center	
	— Cover Attachment	Bolted	
Section	— Tube Diameter (in.)	3.50	
	— Thickness (in.)	0.33	
Lubricant Capacity (pt.)		6.25	
Spring Centers (in.)		48.92	
Wheel Bearings	— Type	Straight Roller	
Gears	— Type	Hypoid	
	— Material	Alloy Steel	
Ring Gear	— Pitch Diameter (in.)	9.75	
Pinion	— Mounting	Overhung	
Differential	— Type	2-Pinion	
	— L/S Type	Traction-Lok	
Axle Shaft	— Spline - Minor Diameter (in.)	1.36	
	— Spline - Major Diameter (in.)	1.45	
	— No. of Splines	35	

### Brakes

#### HYDRAULIC BRAKE EQUIPMENT SPECIFICATIONS — FRONT/REAR

Type	Model/Series	Rotor Dia. (in.)		Brake Lining Segment	Area (sq. in.) Width (sq. in.) Thickness (sq. in.)	Caliper Piston Dia. (in.)	Gross Lining Area Per Axle (sq. in.)	Total Swept Area Per Axle (sq. in.)
		OD	ID					
Disc	E-150/E-350 (Front)	13.58	9.06	Outboard	7.16/2.34/0.489	2.36	49.60	270.40
	E-150/E-350 (Rear)	13.58	8.07	Outboard	6.65/2.33/0.346	1.89	65.40	299.00
				Inboard	5.31/2.03/0.413			

# 2010 E-Series Wagon

## Technical Specifications cont'd

### Brakes cont'd

#### BRAKE MASTER CYLINDER SPECIFICATIONS

Type	Model/Series	Bore Diameter (in.)
Dual System, Dash-Mounted	E-150	1.125
	E-350 SD Wagon	1.250

#### POWER BRAKES VACUUM BOOSTER SPECIFICATIONS

Make/Type	Model/Series	Effective Diameter (in.)	Outside Diameter (in.)	Diaphragm Type
Dash-Mounted	All	13.46	10.92	Dual

### Cooling Systems

#### COOLING SYSTEM SPECIFICATIONS

Engine	Cooling	Trans. Usage	Frontal Area (sq. in.)	Core Size (in.)				Rows of Tubes	Fins Per Inch	Cooling System Capacity (approx. quarts)	Fan Specifications	
				Height	Width	Thick.	Blade Dia. (in.)				Type	No. of Blades
4.6L SEFI V8	All	Auto.	708	23.6	30.0	1	1	15.2	25.0	Plastic	10	19.4
5.4L SEFI V8	All	Auto.	708	23.6	30.0	1	1	15.2	28.3	Plastic	10	19.4
6.8L SEFI V10	All	Auto.	708	23.6	30.0	1.4	1	16.5	30.4	Plastic	8	20.0

#### AUXILIARY AUTOMATIC TRANSMISSION OIL COOLER APPLICATIONS

Model/Series	Engine	Transmission	Standard No. of Plates	Air Conditioning No. of Plates	Trailer Towing No. of Plates
E-150 Wagon	4.6L SEFI	4R75E	20 - 5/16" Port	20 - 5/16" Port	20 - 5/16" Port
	5.4L SEFI	4R75E	20 - 1/2" Port	20 - 1/2" Port	20 - 1/2" Port
E-350 Super Duty® Wagon	6.8L SEFI	TorqShift®	20 - 1/2" Port	20 - 1/2" Port	24 - 1/2" Port

#### FUEL SYSTEM DATA

Electronic Fuel Injection	4.6L SEFI V8	Sequential Multiport Fuel Injection
	5.4L SEFI V8	Sequential Multiport Fuel Injection
	6.8L SEFI V10	Sequential Multiport Fuel Injection
Fuel Pump	All Gasoline Engines	Electric-In-Tank High Pressure
Fuel Filter	All Gasoline Engines	In-Line Large Capacity (One)
Air Cleaner	All Engines	Dry Element, Replaceable

# 2010 E-Series Wagon

E-SERIES WAGON

## Technical Specifications cont'd

### Steering

#### STEERING SPECIFICATIONS

Model/Series	Power Steering <sup>(1)</sup>		Turning Diameter (ft.) <sup>(2)</sup>	
	Gear Ratio	Overall Ratio	Curb-to-Curb	Wall-to-Wall
E-150 Wagon	17:1	21.2:1	48.6	50.1
E-350 Super Duty® Wagon	17:1	21.2:1	48.6	50.0
E-350 Super Duty Extended Wagon	17:1	21.2:1	48.6	50.0

(1) 15-1/2" diameter steering wheel.

(2) Average of left and right turns with standard tires.

### Suspensions

#### FRAME SPECIFICATIONS

Model/Series	Wheelbase (in.)	Maximum Side Rail Section (in.)	Section Modulus (in.) (psi)	Yield Strength
E-150 Wagon	138	6.05 x 3.18 x 0.161	2.92	36,000
E-350 Super Duty Wagon <sup>(1)</sup>	138	6.16 x 3.18 x 0.181	3.30	36,000
E-350 Super Duty Wagon <sup>(2)</sup>	138	7.69 x 3.18 x 0.212	5.44	36,000

(1) Regular Length w/5.4L Engine.

(2) Extended length.

#### SHOCK ABSORBER SPECIFICATIONS

Model/Series	Usage	Front & Rear		
		No. Used	Piston Dia. (mm)	Type
E-150 Wagon	Std.	4	32	Gas-Pressurized
E-350 Super Duty Wagon	Std.	4	32	Gas-Pressurized

#### SPRING SPECIFICATIONS — FRONT COIL

Model/Series	Wheelbase (in.)	Combined Rating @ Ground (lbs.)	Norm. Working Height of Spring (mm)	Inside Diameter (mm)	Wire Diameter (mm)	Deflection Rate @ Ground (N/mm)
E-150 Wagon	138	3800	304.6	102.4	18.30	95.13
		3900	304.6	102.4	18.60	99.16
E-350 Super Duty Wagon	138	3400	304.6	102.4	17.75	84.27
		3800	304.6	102.4	18.30	95.13
		3900	304.6	102.4	18.60	99.16
		4400	304.6	102.4	19.35	100.17

# 2010 E-Series Wagon

## Technical Specifications cont'd/ Special Applications

### SPRING SPECIFICATIONS — REAR LEAF

Model/Series	Wheel-base (in.)	Combined Rating @ Ground (lbs.)	Number of Leaves	Total Thickness @ Pad (in.)	Length (in.)	Width (in.)	Deflection Rate (lbs. per in./spring) Two-Stage	Rating Each @ Pad (lbs. per spring)
E-150 Wagon	138	5120	4	1.94	55.0	3.00	379/565	2095
E-350 Super Duty® Wagon	138	5545	4	1.94	55.0	3.00	350/649	2447
E-350 Super Duty Extended Wagon	138	6195	4	2.00	55.0	3.00	373/699	2772

### Tires and Wheels

#### TIRE SPECIFICATIONS

Size	Rim Width (in.)	Section Width (in.)
LT245/75R16	7.0	9.65
LT225/75R16	7.0	8.86

#### WHEEL SPECIFICATIONS

Wheel Type	Wheel Size	Nominal Offset (mm)	No. of Studs	Bolt Circle (in.)	Max. Wheel Capacity Load (lbs. @ ground)
Steel	16" x 7.0"	0.25	8	6.5	2300 Front/ 3045 Rear
Forged Aluminum	16" x 7.0"	0.25	8	6.5	3045

### Transmissions

#### AUTOMATIC TRANSMISSION SPECIFICATIONS

Make/Type	Ford 4-Speed Automatic Overdrive (4R75E)	Ford 5-Speed Automatic Overdrive (TorqShift®)
Engine	4.6L SEFI V8/5.4L SEFI V8	6.8L SEFI V10
Ratios (to 1) —		
1st	2.84	3.11
2nd	1.55	2.11
3rd	1.00	1.55
4th — OD	0.70	1.00
5th — OD	—	0.71
Reverse	2.32	2.88
Converter Size & Type	12" 145K (L370 Bypass Clutch)	12" PCM Controlled Clutch Apply
Converter Stall Ratio	2.33	—
Converter Torque Ratio @ WOT Stall	—	1.86 (6.8L)
Lubricant Capacity (pt.)	13.2 (E Lifetime Fluid)	19.0 (6.8L)
Gear Set	Helical	Spur
Oil Cooler	Water	Oil to Air and In-Tank

## Special Applications

### Trailer Towing Information

**NOTE:** For additional towing information, please refer to the RV & Trailer Towing Guide, available as a downloadable PDF on eSourceBook, or the vehicle Owner's Guide.

### Snowplow Information

**NOTE:** Not recommended for Snowplow Applications.

# 2010 E-Series Wagon

## Custom Accessories From the "Wow Factory"

**FORD CUSTOM ACCESSORIES**

**This page is about:**

Available Custom Accessories —  
Selling Ford Custom Accessories —



### The Following Ford Custom Accessories Are Available for the 2010 E-Series Wagon:

#### Electronics

- Garmin® nüvi® Portable Navigation Systems
- Keyless Entry Keypad
- Remote Start Systems
- Smart Alert™ GPS Tracking & Recovery Systems
- Vehicle Security System
- Wiper Shaker

#### Exterior

- Flat Splash Guards
- HitchScan® Rear Park Assist Sensor
- Hood Deflector
- OE Style Running Boards
- Side Window Deflectors
- Thule® Rack Accessories
- Trailer Hitch, Drawbar & Hitch Balls

#### Interior

- Electrochromic Rearview Mirrors
- Floor Mats – All-Weather Vinyl
- Soft-Sided Cargo Organizers – Folding
- Soft-Sided Cooler Bag

**E-Series Wagon**

#### Selling Ford Custom Accessories

- Offer Custom Accessories to every customer
- Most new vehicle owners want to personalize their ride
- Add Custom Accessories into the deal for just a few dollars more
- Use the online "Accessorizer" to show customers how their vehicle will look
- Use your dealership's Accessories Storefront to boost awareness and sales
- Only you can offer Custom Accessories covered by the Ford New Vehicle Limited Warranty

**custom**  
accessories 

[fordaccessories.com](http://fordaccessories.com)



July 2009

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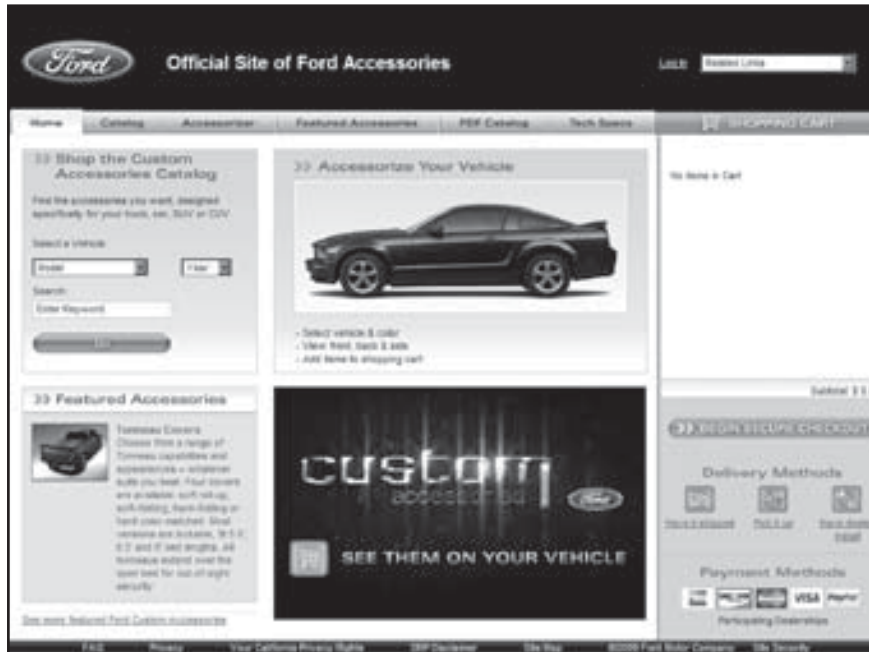
**37**

**This page is about:**

- Custom Accessories e-Commerce Program Enrollment
- Selling Ford Custom Accessories Online

# 2010 E-Series Wagon

## Custom Accessories e-Commerce



**Sell Custom Accessories 24/7 – Day and Night!**

Once enrolled, the Accessories e-Commerce Web site allows dealers to accept and process customer orders via the Internet.

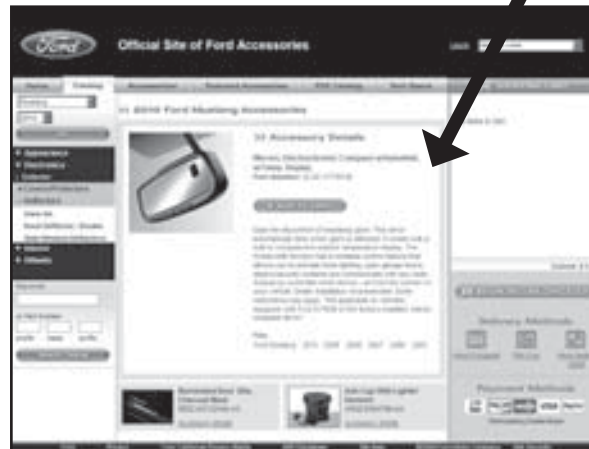
**CREATE CUSTOM PRICING, EVEN INCLUDE INSTALLATION!**

**e-Commerce Web Site Features**

- Accepts customer accessory orders via the Internet
- Offers customers full range of payment options including PayPal™, Visa®, MasterCard®, AMEX®, Discover® and Genuine Credit Card
- Allows dealers to set their own pricing for parts and labor or use Suggested Retail Pricing
- Allows customers to schedule an accessory installation at dealer via Genuine eService
- FedEx® shipping options to the customer’s home or business, automatically billed to your FedEx account

**Enroll Today**

- Complete enrollment details are posted at the Accessories B2B Web site accessed from **FMCDealer.com**
- <http://accessories.dealerconnection.com/GfaWeb/contentMgmt.do>
- Go to: Reference Library/eCommerce Website Tools



**Great Site, Great Features**

- A fully functional site allowing customers to shop, select and purchase online.
- Allows enrolled dealers the ability to customize their accessory pricing, including installation.
- Allows customers the ability to schedule an accessory installation at the dealership via Genuine eService.
- Offers customers a full range of payment options including PayPal, credit card, Genuine Credit Card.
- Allows customers to select delivery options.

