

2009 Expedition and Expedition EL

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WHAT'S NEW

This page is about:

- Key Messages
- Exterior Changes
- Interior Changes
- Functional Changes
- Option Changes
- Key Competitors

2009 Expedition and Expedition EL

What's New

Overview

Key Messages

EXPEDITION



- 2009 Expedition continues the tradition of excellence as a leader among full-size SUVs, with unmatched class-exclusive⁽¹⁾ or first-in-class⁽¹⁾ features
- King Ranch adds premium luxury features
- Expedition EL is unique from the B-pillar back and offers an innovative, spacious interior that seamlessly adjusts to meet the ever-changing demands of owners' active lifestyles

Exterior Changes

- Easy Fuel™ capless fuel filler system is standard on all models
- Perimeter Anti-theft System and SOS Post Crash Alert System are standard on all models
- Rain Sensing wipers are standard on Limited and King Ranch models and are included in the Eddie Bauer Convenience Package
- Luggage rack crossbars are standard on all models
- Body-color power folding mirrors standard on King Ranch

Interior Changes

- Ford SYNC^{®(2)} seamlessly integrates Bluetooth^{®(3)} wireless technology enabled cell phones, PDAs, MP3 players and other electronic devices into the car (Standard on Eddie Bauer, Limited and King Ranch models, optional on XLT)
 - Integrates user's phone contact list and provides hands-free calling with the use of a Bluetooth-enabled cell phone
 - SYNC will read text messages out loud and allow user to respond with any of 20 predefined responses
 - Allows voice activation to select genre, artist or song title from MP3 player
 - Charges media playing devices through the USB port
 - Includes steering-wheel-mounted audio controls and self-dimming rearview mirror with microphone
 - For more information, visit syncmyride.com
- Heated second-row seats are standard on Limited and King Ranch models

Functional Changes

- Heavy-Duty Trailer Tow Package standard on Limited and King Ranch
- SOS Post Crash Alert System is standard on all models and activates the horn and emergency flashers in the event the airbags are deployed⁽⁴⁾
- Standard 5.4L 3V SOHC V8 engine is a Flexible Fuel engine and can be operated on gasoline, E85 or any mix with no reduction in horsepower or torque

Option Changes

- Voice-activated Navigation System with SIRIUS[®] Travel Link™ includes added enhancements like:
 - Park and Play which allows the viewing of DVDs on the display screen when the vehicle is parked
 - Music Jukebox capability
 - Custom playlist creation
 - Automatic climate control functions accessible through touch screen
 - Includes six-month subscription to SIRIUS[®] Satellite Radio including Travellink™ services⁽⁵⁾
- Power adjustable pedals standard on Eddie Bauer, Limited and King Ranch and available on XLT with the XLT Convenience Package
- Reverse Sensing System standard on Eddie Bauer, Limited and King Ranch models, available on XLT models as part of the XLT Convenience Package
- Rear View Camera standard on Limited and King Ranch models, available on Eddie Bauer models as part of the Eddie Bauer Convenience Package

- Power liftgate standard on Limited and King Ranch models, available on Eddie Bauer models as part of the Eddie Bauer Convenience Package
- Power running boards optional on Limited and King Ranch models; optional on Eddie Bauer models, require Eddie Bauer Convenience Package
- SIRIUS Satellite Radio is standard on Eddie Bauer, Limited and King Ranch models and optional on XLT models

Options Added

- XLT Convenience Package includes:
 - Power adjustable pedals
 - Power rear quarter windows
 - Universal garage door opener
 - Reverse Sensing System
 - 6-disc in-dash CD changer
- Eddie Bauer Convenience Package includes:
 - Power liftgate
 - Power rear quarter windows
 - Universal garage door opener
 - Rain Sensing wipers
 - Rear View Camera
- Luxury Value Package on Limited and King Ranch includes:
 - Voice-activated Navigation System with SIRIUS Travel Link
 - DVD Entertainment System
 - Power moonroof
 - 20-inch chrome-clad wheels

Key Competitors

- **Chevrolet Tahoe** has a brand image of roominess, comfort and ruggedness
- **Toyota Sequoia** is marketed as the adventurous 8-passenger SUV loaded with comfort, safety and convenience features
- **Nissan Armada** features bold exterior design with outstanding comfort and capability
- **Chevrolet Suburban** is a capable tow vehicle with seating for up to nine

(1) Class is full-size SUVs.

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

(3) The Bluetooth word mark and logos are trademarks of the Bluetooth, SIG, Inc.

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

(5) SIRIUS Satellite Radio and SIRIUS Travel Link are separate subscriptions.

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

2009 Expedition and Expedition EL

What's Important

WHAT'S IMPORTANT

This page is about:

Product Highlights

Product Highlights

KEY EXPEDITION AND EXPEDITION EL FEATURES

5.4L 3-valve SOHC V8 FFV engine
(pgs. 7, 8)

Control Trac® Four-wheel Drive System
(pgs. 7, 9)

6-speed automatic overdrive transmission
(pgs. 7, 8)

Standard Safety Canopy® System and front-seat (thorax) side airbags
(pgs. 17, 20)

PowerFold™ third-row seat
(pgs. 12, 13)

Second-generation independent rear suspension
(pgs. 7, 10)

Standard AdvanceTrac® with RSC® (Roll Stability Control™)
(pgs. 17, 18)



Performance/Handling

- Powerful 5.4L 3-valve SOHC V8 FFV engine with Flexible Fuel capability; delivers impressive power and fuel economy
- 6-speed automatic transmission
- Independent front suspension and second-generation independent rear suspension for surprisingly agile handling
- Rear load-leveling air suspension available
- Variable-boost power steering pump for the engine
- Speed-sensitive rack-and-pinion steering
- Control Trac® Four-wheel Drive System
- 9200-lb. maximum towing capacity when properly equipped

Comfort/Convenience

- Easy Fuel™ capless fuel filler system
- Ford SYNC®
- SecuriCode™ Keyless Entry Keypad
- Expedition offers up to 108.3 cubic feet of cargo volume with second-row seats folded flat
- Expedition EL offers up to 130.8 cubic feet of cargo volume with second- and third-row seats folded flat
- Fold-flat 40/20/40 second-row bench seat with CenterSlide™ feature
- Fold-flat-to-the-floor 60/40 third-row seat
- PowerFold™ 60/40 third-row seat
- Climate-controlled front seats (heated and cooled)
- Dual-zone Electronic Automatic Temperature Control
- Premium 6-disc in-dash CD changer with MP3 and SIRIUS® Satellite Radio capability

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

(2) Quiet Steel is a registered trademark of MSC.

- Voice-activated Navigation System with SIRIUS Travel Link™
- DVD Entertainment System
- Power adjustable accelerator and brake pedals
- Rear View Camera
- Reverse Sensing System

Safety/Security

- Personal Safety System® with dual-stage airbags
- Standard AdvanceTrac® with RSC® (Roll Stability Control™)
- Tire Pressure Monitoring System (TPMS)
- Standard Safety Canopy® System with rollover sensor
- Standard front-seat side airbags
- SOS Post Crash Alert System⁽¹⁾
- Four-wheel disc brakes with Anti-lock Braking System (ABS)
- SecuriLock® passive anti-theft system
- Perimeter anti-theft system and SOS Post Crash Alert System

Design/Styling

- Exterior designed to reflect truck heritage
- Interior designed for maximum comfort and capability
- 18- and 20-inch aluminum wheels

Quality/Reliability/Durability

- Fully boxed frame with hydroformed front frame rails
- Quiet Steel⁽²⁾ laminated dash panel
- Fail Safe engine cooling system
- 6-month/7,500-mile oil change interval⁽³⁾
- 6-year/105,000-mile engine coolant change interval⁽³⁾
- Spark plugs rated for 90,000 miles⁽³⁾

(3) Under normal driving conditions.

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

MODEL LINEUP

This page is about:

XLT

2009 Expedition and Expedition EL

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 that 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 Expedition and Expedition EL are available in 4 models:

- XLT (standard model)
- Eddie Bauer
- Limited
- King Ranch

XLT — Standard model



Performance/Handling

- Axle — non-limited slip
 - 3.31:1 Expedition
 - 3.73:1 Expedition EL
- Engine — 5.4L SOHC 3V FFV V8
- Skid plate — front, 4x2 only
- Suspension, front
 - Coil over shock double wishbone with stabilizer bar
- Suspension, rear
 - Multi-link independent with stabilizer bar
- Tires
 - Full-size spare tire with 17-inch steel wheel
 - P265/70R17 BSW A/S tires (4x2)
 - P265/70R17 OWL On-/Off-road tires (4x4)
- Trailer tow — integrated Class IV receiver with 4-pin connector
- Transmission — 6-speed automatic
- Steering — variable-assist power rack-and-pinion

Comfort/Convenience

- 2nd-row map lights
- Accessory delay
- Air conditioning — manual with auxiliary climate controls
- Assist handles — 1st and 2nd row, color-keyed
- Audio — AM/FM single-CD with 6 premium speakers (160 watts peak)
- Autolamp/Rainlamp
- Autolock/Unlock
- Auxiliary audio input jack
- Auxiliary power points (3)
 - Instrument panel
 - Back of center console, second-row
 - Rear cargo area
- Cargo organizer (EL)
- Carpet flooring
- Coat hooks — 2nd and 3rd rows
- Console, floor — with large storage, transmission shifter, coin holder, 2 headphone jacks, tissue holder, 4 cup holders, power point, auxiliary radio and climate controls and pen/pencil holder

- Console, full-length overhead — with map lights, single sunglasses holder and conversation mirror
- Door locks — power
- Door trim panels — front and rear door map pockets, 4 cup holders
- Easy Fuel™ capless fuel filler system
- Floor mats — carpeted, 1st and 2nd rows
- Glove box, with light
- Instrumentation (analog) — voltmeter, oil pressure, water temperature, speedometer/odometer, tachometer and fuel
- Keyless Entry Keypad (SecuriCode™)
- Luggage rack crossbars
- Map lights — 2nd row
- Mirror, interior — electrochromic day/night auto-dimming
- Mirrors, exterior — heated, power
- Seats
 - 1st-row, low-back, cloth Captain's Chairs with two-way adjustable headrests, manual recline, 6-way power driver with manual lumbar
 - 2nd-row 40/20/40 (with CenterSlide™)
 - 3rd-row 60/40 split (EL)
 - Head restraints for all outboard positions
- Steering wheel — color-keyed leather-wrapped with tilt and cruise control switches
- Storage bin — 3rd row (non-EL)
- Sun visors — with dual auxiliary blades and dual illuminated mirrors
- Windows — power with one-touch-down driver side

Safety/Security

- AdvanceTrac® with RSC® (Roll Stability Control™)
- Airbags — driver and front passenger
- Belt-Minder®
- Child safety locks — rear doors
- Front-seat (thorax) side airbags
- LATCH (Lower Anchors and Tethers for CHildren)
- Perimeter anti-theft system
- Personal Safety System®
- Four-wheel Anti-Lock Braking System (ABS)
- Safety belts
 - Adjustable shoulder harness, 1st and 2nd rows
 - Color-keyed 3-point lap and shoulder belts for all outboard passengers (adjustable shoulder harness, 1st row)
- Safety Canopy® System

- Securilock® passive anti-theft system
- Side intrusion door beams
- SOS Post Crash Alert System
- Stop light, center high mount
- Tire Pressure Monitoring System (TPMS)

Design/Styling

- Antenna — concealed in right-hand quarter glass
- Cladding — body-color, bodyside
- Door handles — chrome
- Fascia, body-color, front and rear
- Fog lamps
- Grille, chrome
- Headlamps — dual-beam complex reflector
- Headliner — color-keyed cloth
- Liftgate with flip-up glass
- Mirrors — black, power, heated with security approach lamps
- Privacy glass
- Roof rails, black
- Running boards — black
- Taillamps — complex reflectors with two-tone color lenses and integrated backup lighting
- Tow hooks (4x4 only)
- Wheelip moldings — body-color
- Wheels — 17-inch aluminum

Quality/Reliability/Durability

- 90,000-mile spark plug maintenance interval
- Alternator — 150 amp
- Maintenance-free battery with battery saver

Available XLT Packages

Limo Package

- See page 21 for complete details

XLT Convenience Package

- See page 14 for details

Heavy-Duty Trailer Tow Package

- See page 11 for details

NOTE: The above information is an excerpt from page 4 of the 7/21/08 Expedition Dealer Ordering Guide.

For the latest Dealer Ordering Guide go to fmcdealer.com

2009 Expedition and Expedition EL

Model Lineup

MODEL LINEUP

This page is about:

Eddie Bauer

Limited

King Ranch

Eddie Bauer — All XLT content, plus:



Performance/Handling

- P265/70R17 OWL on/off road tires
- P255/70R18 OWL A/S tires (EL)

Comfort/Convenience

- Air Conditioning — Dual-zone Electronic Automatic Temperature Control with auxiliary climate controls and exterior temperature read-out
- Premium audio system with in-dash 6-CD, clock, 6 premium speakers (plus subwoofer) (340 watts peak), driver-adjusted speed-compensated volume, RDS equipped, partitioned audio and MP3 capability
- Console — large floor storage bin, with chrome-trim transmission shifter, coin holder, headphone jacks, tissue holder, cup holders (4), power points (2), auxiliary radio and climate controls and pen/pencil holder

- Console — overhead with 1st-row map lights, conversation mirror, and single sunglasses storage bin
- Ford SYNC®
- Memory feature — driver seat, outside mirrors (2 settings)
- Message Center
- Pedals — power adjustable with memory
- Reverse Sensing System
- Seats — front, low-back two-tone leather-trimmed Captain's Chairs with two-way adjustable headrests, 10-way power/memory driver, including power lumbar and recline
- Seats — PowerFold™ 3rd-row vinyl bench seat, fold-flat-to-the-floor, 1 child tether and center 3-point safety belt
- SIRIUS® Satellite Radio (incl. 6-month subscription)
- Steering wheel — leather-wrapped/tilt with duplicate audio controls

Design/Styling

- 17-inch machined aluminum wheels with chrome center caps
- 18-inch machined aluminum wheels with chrome center caps (EL)
- Chrome exhaust tip
- Cladding — Pueblo Gold bodyside, front and rear fascias, and wheelip moldings
- Mirrors — black, power, heated with integrated turn signal, memory function, and security approach lamps
- Running boards — Pueblo Gold

Available Eddie Bauer Packages

Eddie Bauer Convenience Package

- See page 14 for details

Heavy-Duty Trailer Tow Package

- See page 11 for details

Limited — All Eddie Bauer content, plus:



Performance/Handling

- Heavy duty trailer tow

Comfort/Convenience

- Power liftgate
- Rain sensing wipers

- Seats — front low-back perforated leather-trimmed Captain's Chairs with 2-way adjustable headrests, 10-way power driver and passenger adjustment including power lumbar and recline, 3-setting heated and cooled seats, driver side memory (2 settings) — 2nd row heated seats
- Steering wheel — real wood and leather-wrapped with tilt and duplicate audio climate controls
- Universal garage door opener
- Windows, power rear quarter

Design/Styling

- 18-inch chrome-clad aluminum wheels
- P255/70R18 OWL A/S tires

- Cladding — body-color bodyside, front and rear fascias and wheelip moldings
- Grille — body-color
- Headlamps — complex reflector with blackout treatment
- Mirrors — body-color, power folding, heated with integrated turn signal, memory function and security approach lamps
- Roof rails, chrome
- Running boards — body-color

Available Limited Package

Luxury Value Package

- See page 14 for details

King Ranch — All Eddie Bauer content, plus:



Performance/Handling

- Heavy-duty trailer tow

Comfort/Convenience

- Chaparral leather on all three rows of seats, center console lid and door trim panel inserts
- Floor mats with King Ranch logo (logo on front mats only)

- Power liftgate
- Rain-sensing wipers
- Seats — front low-back perforated leather-trimmed Captain's Chairs with 2-way adjustable headrests, 10-way power driver adjustment including power lumbar and recline, 3-setting heated and cooled seats, driver-side memory (2 settings) — 2nd row heated seats
- Simulated wood on switch plates, floor console, shifter handle and instrument panel
- Steering wheel — leather-wrapped with tilt and duplicate audio controls
- Universal garage door opener
- Windows — power rear quarter

Design/Styling

- 18-inch machined aluminum wheels with King Ranch logo on center cap
- Charcoal Black interior environment
- Chrome exhaust tip
- King Ranch badging on front fenders and liftgate
- Mirrors — body-color, power folding, heated with integrated turn signal, memory function and security approach lamps

Available King Ranch Package

Luxury Value Package

- See page 14 for details

NOTE: The above information is an excerpt from page 3 of the 7/21/08 Expedition Dealer Ordering Guide.

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Expedition and Expedition EL

MODEL LINEUP

This page is about:

Optional Equipment

2009 Expedition and Expedition EL

Model Lineup

Optional Equipment

	XLT/XLT EL	Eddie Bauer/ Eddie Bauer EL	Limited/ Limited EL	King Ranch/ King Ranch EL
Performance/Handling				
Air Suspension — Rear Load Leveling w/Message Center	—	O ⁽¹⁾	O	O
Axle, 3.73 non-limited slip (Non-EL)	O	O	O	O
Tires:				
P265/70Rx17 A/S BSW (A/S BSW 17" spare)	S ⁽²⁾	—	—	—
P265/70Rx17 On/Off Road OWL (A/S BSW 17" spare)	O ⁽²⁾ S ⁽³⁾	S (Non-EL)/ — (EL)	—	—
P255/70Rx18 A/S OWL (A/S BSW 17" spare)	O	O (Non-EL)/ S (EL)	S	S
P275/55Rx20 A/S BSW (A/S BSW 18" spare)	—	O	O	O
Wheels, 18" chrome clad aluminum	O ⁽⁴⁾	—	S	—
Comfort/Convenience				
AM/FM Premium Stereo In-Dash 6-CD w/Clock, 6 premium speakers (160 watts peak), driver adjusted speed compensated volume, RDS equipped, partial mute w/reverse sensing activation, partitioned audio rear seat controls and MP3 capability	P	—	—	—
Eddie Bauer Convenience Package	—	O	—	—
Engine Block Heater	F	F	F	F
Floor mats, rubber, carpeted, 1st and 2nd row	O	O	O	O
Ford SYNC [®] (inc. electrochromic mirror and redundant controls)	O	S	S	S
Limo Package (EL only)	O (4x2, EL only)	—	—	—
Moonroof, Power	O ⁽⁴⁾	O	O	O
Voice-activated Navigation System with SIRIUS [®] Travel Link™ — includes Park & Play (plays/reads audio and video discs); Real-time traffic/weather/gas prices; Music Jukebox (audio CD "ripping") capability	—	O ⁽⁶⁾	P	P
Pedals, power adjustable (w/memory on Eddie Bauer, Limited and King Ranch)	P	S	S	S
Power Liftgate	—	P	S	S
Power rear quarter windows	P	P	S	S
Rain sensing wipers	—	P	S	S
Rear View Camera	—	P	S	S
Reverse Sensing System w/Message Center	P	S	S	S
Running boards, power deployable	—	O ⁽⁶⁾	O	O
Seats:				
Front low-back leather-trimmed Captain's Chairs with two-way adj. headrests, 10-way power driver, incl. power lumbar & recline, passenger manual lumbar and center floor console w/floor shifter (inc. leather-wrapped steering wheel)	O ⁽⁴⁾	S	—	—
2nd-row Captain's Chairs (same trim as front seats), manual recline, flip-fold, with 2 fixed child safety seat anchors & tethers	—	O	O	O
2nd-row heated seats	—	—	S	S
3rd-row 60/40 split bench — fold-flat-to-the-floor, 1 child safety seat tether & center 3-point safety belt. (vinyl when leather-trimmed seating surfaces are optioned)	O/S	—	—	—
3rd-row PowerFold™ seat, fold-flat-to-the-floor, 1 child safety seat tether & center 3-point safety belt (vinyl 3rd row w/leather seating surface interiors)	O	S	S	S
Climate controlled, heated and cooled (w/6-way power passenger seat added to Eddie Bauer)	—	O	S	S
SIRIUS [®] Satellite Radio	O	S	S	S
Universal garage door opener	P	P	S	S
DVD Entertainment System w/wireless headphones, 8" drop-down screen and remote — MP3, CD-R, CD-R/W, DVD-R, DVD-R/W capable (req. SIRIUS Satellite Radio on XLT)	O ⁽⁵⁾	O	O	O
XLT Convenience Package	O	—	—	—
Safety/Security				
Daytime Running Lights	O	O	O	O
Design/Styling				
License Plate Bracket (front)	O	O	O	O
Quality/Reliability/Durability				
4x4 Off-Road Package (incl. skid plates, black tubular step bars) (Non-EL)	O ⁽²⁾	—	—	—
Heavy-Duty Trailer Tow Package	O	O	S	S
Skid Plates (4x4)	O	O	O	O

(1) Requires Heavy-Duty Trailer Tow Package. (2) 4x2. (3) 4x4. (4) Requires XLT Convenience Package. (5) Requires third-row seat. (6) Requires Eddie Bauer Convenience Package.
S = Standard O = Optional P = Packaged Option F = Fleet Option — = Not Available

NOTE: The above information is an excerpt from pages 8 and 9 of the 7/21/08 Expedition Dealer Ordering Guide.

For the latest Dealer Ordering Guide go to fmcdealer.com

2009 Expedition and Expedition EL

Performance/Handling

PERFORMANCE/HANDLING

This page is about:

- 5.4L 3-valve Triton® V8 FFV Engine
- 6-speed Automatic Transmission
- Control Trac® Four-wheel Drive System
- Independent Short- and Long-Arm (SLA) Front Suspension
- Second-generation Independent Rear Suspension (IRS)

Overview

Key Messages

Expedition



- The truck-proven 5.4L 3-valve Triton® V8 FFV is rated at 310 horsepower and 365 lb.-ft. of torque and provides Flex-Fuel capability
- 6-speed automatic transmission is a first-in-class⁽¹⁾ feature
- Independent front and second-generation independent rear suspensions
- Variable-boost power steering pump enhances low-speed maneuverability, yet also provides firm, responsive feel at highway speeds

Key Features

Powertrain

5.4L 3-valve SOHC Triton® V8 FFV Engine delivers 310 horsepower and 365 lb.-ft. torque and is capable of operating on E85, gasoline or any combination with no reduction in horsepower or torque.

6-speed automatic transmission is a first-in-class⁽¹⁾ feature and is designed to allow engine power to be more closely matched with each gear, providing better performance and smoother shifts.

Control Trac® four-wheel drive system optimizes traction by transferring power to the appropriate wheels.



Suspension and Steering

Independent Short- and Long-Arm (SLA) front suspension provides smooth ride dynamics and confident handling characteristics.



Second-generation independent rear suspension is a multi-link design that provides excellent control of body roll and superior driving dynamics.



Rear load-leveling air suspension maintains vehicle rear ride height depending on vehicle load.

Speed-sensitive rack-and-pinion steering includes a variable-boost power steering pump for improved low-speed maneuverability and firm responsive feel at highway speeds.

Towing

9200-lb. maximum towing capacity with an Expedition 4x2 when properly equipped with the Heavy-Duty Trailer Tow Package.



(1) Class is full-size SUV.

PERFORMANCE/HANDLING

This page is about:

- 5.4L 3-valve SOHC Triton® V8 FFV Engine
- Electronic Throttle Control (ETC)
- Variable Camshaft Timing (VCT)
- Charge Motion Control Valves (CMCV)
- 6-speed Automatic Transmission

2009 Expedition and Expedition EL

Performance/Handling

Powertrain

5.4L 3-valve SOHC Triton® V8 FFV Engine

- 310 horsepower @ 5100 rpm and 365 lb.-ft. torque @ 3600 rpm
- Capable of operating on E85, gasoline or any combination with no reduction in horsepower or torque
- All-aluminum cylinder heads with 3-valves-per-cylinder design (2 intake, 1 exhaust)
- The first 3-valve engine technology in a full-size SUV
- Produces 85 percent of its peak torque at just 1500 rpm to effortlessly get the load moving
- Expedition meets Federal Tier 2 Bin 5 or Tier 2 Bin 4 standard which qualifies for the California Ultra Low Emissions vehicle (ULEV II)

Electronic Throttle Control (ETC)

- Uses electronic sensors and an actuator motor instead of mechanical linkage to operate the throttle valve
- Driver input is used to modulate torque at the drive wheels as opposed to sensing torque at the flywheel
- ETC delivers seamless and consistent engine response and transmission shifts
- Allows consistent pedal inputs for smoother engine response and improved driveability



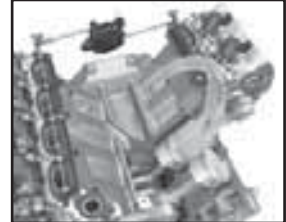
Variable Camshaft Timing (VCT)

- Optimizes the timing of intake and exhaust valve actuation during the combustion cycle
- Delivers performance tailored to engine speed and load for enhanced power and efficiency, whether unloaded or pulling a trailer



Charge Motion Control Valves (CMCV)

- Specially shaped metal flaps located at the end of the intake runners for each cylinder to create a tumble effect in the combustion chamber
- Create an adjustable computer-designed opening to improve air/fuel mixture efficiency and combustion at lower speeds
- Ensure that maximum airflow is provided during times of high demand



6-speed Automatic Transmission

- Designed and engineered to handle the horsepower and torque of the 5.4L 3-valve V8 FFV engine
- First-in-class⁽¹⁾
- Wider gear selection allows engine power to be more closely matched with each gear, providing better performance and smoother shifts
- Internal shift control module
- Full electronic solenoid control of the clutch elements for improved shift quality
- Consistent performance and outstanding durability
- Reduced noise, vibration and harshness (NVH)
- On 4WD models the Control Trac® transfer case is mounted directly to the transmission case to help make the driveline more robust and less prone to vibration



ENGINEERING INSIGHT: Torque Is the True Measure of Truck Power

- When discussing Expedition's power, tell your customers torque is the power they'll use most often. When accelerating from a stop or when towing, a vehicle's torque is the true measure of its capability
- The standard 5.4L 3-valve SOHC Triton V8 FFV engine produces 85 percent of its peak torque as low as 1500 rpm
- Low-rpm peak torque gets the load moving while minimizing stress on the engine
- Once the vehicle and load are moving, the outstanding horsepower keeps it going
- More torque than Chevy Tahoe or Toyota Sequoia standard engines

(1) Class is full-size SUV.

2009 Expedition and Expedition EL

Performance/Handling

PERFORMANCE/HANDLING

This page is about:

- Control Trac® Four-wheel Drive System
- Integrated Wheel End (IWE) System
- Skid Plates

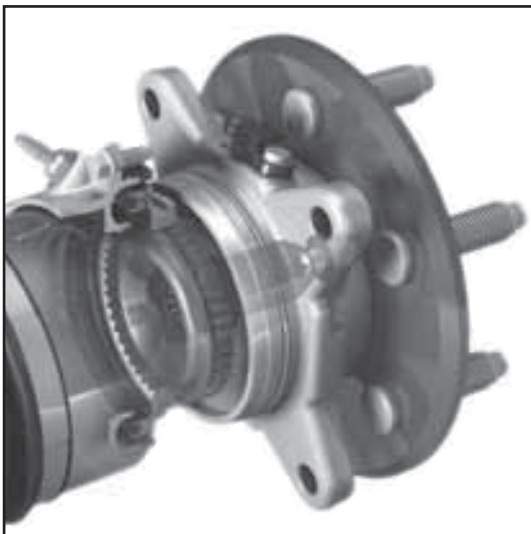
Four-wheel Drive System

Control Trac® Four-wheel Drive System

Control Trac optimizes traction by transferring power to the appropriate wheels. The system provides four modes of operation and is activated using a rotary switch on the instrument panel.



Control Trac Mode	Benefit
2H (2HIGH)	<ul style="list-style-type: none"> • 4x4 Expedition operates as a rear-wheel-drive vehicle when 2H is engaged
4A (automatic four-wheel drive)	<ul style="list-style-type: none"> • Set-and-forget function providing four-wheel-drive capabilities when needed • Under normal conditions, most power goes to the rear wheels • When conditions require, 4A automatically sends torque to the front wheels
4H (4HIGH)	<ul style="list-style-type: none"> • Provides electronically locked four-wheel-drive power to the front and rear wheels for use at normal speeds on low-traction surfaces • Intended for severe weather and off-road conditions including rain, snow, ice or shallow sand • 4H should never be used on dry pavement
4L (4LOW)	<ul style="list-style-type: none"> • 4L should only be used at speeds below 35 mph when maximum traction and torque are needed • Reduced gear ratios help when maneuvering through deep sand, on steep grades or when pulling a boat out of water • 4L should never be used on dry pavement



Integrated Wheel End (IWE) System

- Disengages the front driveline at the wheel ends and sends all available engine torque to the rear wheels
- Vacuum-operated system disconnects the axle shaft from the wheel end
- Minimizes driveline wear and drag and helps improve fuel economy
- Helps reduce noise, vibration and harshness (NVH)

Skid Plates

- Help protect the front suspension, fuel tank and transfer case
- Optional on all 4x4 models

This page is about:

- Independent Front Suspension
- Second-generation Independent Rear Suspension
- “Porthole-in-frame” Design
- Rear Load-leveling Air Suspension
- Rear Axle

2009 Expedition and Expedition EL

Performance/Handling

Suspensions

Expedition customers want off-road capability without sacrificing a comfortable ride. By virtue of the first-in-class⁽¹⁾ independent rear suspension, Expedition delivers a smooth, controlled ride without sacrificing capability. The fully independent suspension design allows Ford engineers to maximize ride and handling characteristics. On a test-drive, have the customer take note how stable Expedition remains under braking and acceleration maneuvers.

Independent Short- and Long-Arm (SLA) Front Suspension

- Provides smooth ride dynamics and confident handling characteristics
- Double-wishbone Short- and Long-Arm (SLA) front suspension includes stamped steel control arms
- Stabilizer bars with low-friction bushings improve stability and road control
- Low-friction ball-joint stabilizer bar links improve on-center steering feel
- Dual-path upper mount shock absorbers improve ride quality

Second-generation Independent Rear Suspension

- First-in-class⁽¹⁾
- Provides excellent control of body roll and superior driving dynamics
- Reduces step-in height while increasing ground clearance
- Allows 60/40 third-row seat the clearance to fold flat and provide ample third-row leg room
- Five-link, independent design for better control of fore/aft and lateral load forces
 - Stamped lower control arm with tubular links for a low unsprung weight to improve ride
 - Stabilizer bars with low-friction bushings and ball joints
 - Monotube shocks that are more responsive for balanced ride and handling

“Porthole-in-frame” Design

- Patented Ford design allows halfshafts to articulate and pass through the rear frame rails
- A low rear cargo area loadfloor is maintained
- Contributes to a lower rear ride height for better aerodynamics and fuel economy as well as a low step-in height for passenger entry and exit

Rear Load-leveling Air Suspension

- Air springs matched with monotube shock absorbers replace traditional rear coil springs
- Maintains vehicle rear ride height depending on vehicle load
- Helps deliver a smooth, level ride and confident handling characteristics on and off pavement
- Requires Heavy-Duty Trailer Tow on Eddie Bauer models (includes Message Center)

Rear Axle

Large Rear Axle Differential

- 9.75-inch rear axle ring gear reduces stress and improves durability

Rear Axle Availability

- 3.31:1 rear axle ratio standard on Expedition
- 3.73:1 rear axle ratio standard on Expedition EL

Limited-slip Rear Axle

- Transfers torque from a slipping wheel to a wheel with grip for improved traction on slick or off-road surfaces
- Optional on all Expedition (non-EL) models (XLT requires XLT Convenience Package); required on Expedition EL XLT with Limo Package



(1) Class is full-size SUV.

2009 Expedition and Expedition EL

Performance/Handling

PERFORMANCE/HANDLING

This page is about:

- Standard Trailer Tow Content
- Heavy-Duty Trailer Tow Package
- Neutral Towing

Towing

Standard Trailer Tow Content

- Frame-mounted Class IV hitch receiver, 6000-lb. capacity
- 4-wire harness and 4-pin connector
- Heavy-duty flasher

Heavy-Duty Trailer Tow Package

Required for towing weights of more than 6000 lbs. and includes:

- Frame-mounted Class IV hitch receiver, 9200-lb. weight-distributing capacity on Expedition 4x2, 8900-lb. on Expedition EL 4x2
- Wiring harness with 4-pin and 7-pin wire harness connectors
- Heavy-duty radiator
- Heavy-duty auxiliary transmission oil cooler (14-plate)
- Electronic trailer-brake wiring kit
- Standard on Limited and King Ranch models, optional on XLT and Eddie Bauer models



Neutral Towing

Customers will often ask whether they can tow their Expedition with all four wheels on the ground. This is also called neutral towing and Expedition is not equipped for this function. Please consult the Expedition Owner's Guide for more specific information.

COMFORT/CONVENIENCE

This page is about:

- Climate-controlled Seats
- CenterSlide™ Second-row Seat
- PowerFold™ Third-row 60/40 Seat
- Easy Fuel™ Capless Fuel Filler System
- Rear View Camera
- Ford SYNC®

2009 Expedition and Expedition EL

Comfort/Convenience

Overview

Key Messages

Expedition



- Expedition seats up to 8 adults with second- and third-row bench seats
- New class-exclusive⁽¹⁾ Easy Fuel™ capless fuel filler system eliminates the need for a fuel cap
- New Voice-activated Navigation System with SIRIUS® Travel Link™ includes a 10 GB Music Jukebox
- Expedition provides up to 108 cu. ft. of cargo volume with the rear seats folded flat
- Expedition EL provides up to 130 cu. ft. of cargo volume with all of the rear seats folded flat

Key Features

Seating

Climate-controlled seats are a first-in-class⁽¹⁾ interior comfort feature that heats and cools the seats.



CenterSlide™ second-row seat improves cargo area utility and provides easier access to a child safety seat.



Second-row Captain's Chairs recline, fold flat and offer easy third-row accessibility.



PowerFold™ third-row 60/40 seat allows either or both seatbacks to fold flat to the floor at the touch of one or both control buttons.



Exterior

Class-exclusive⁽¹⁾ Easy Fuel™ capless fuel filler system eliminates the need for a fuel filler cap by allowing the fuel nozzle to directly insert into the filler.



Rear View Camera provides added driver convenience when backing up and is especially useful when hitching a trailer or parallel parking.



Reverse Sensing System is a first-in-class⁽¹⁾ feature that sounds warning tones through the audio system when an object is detected behind the vehicle.



Interior

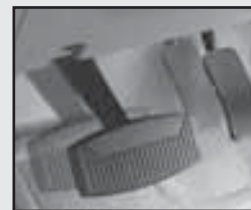
Ford SYNC® is a new fully integrated voice-activated⁽²⁾ in-vehicle communications and entertainment system for Bluetooth®⁽³⁾ wireless technology enabled mobile phones and most digital music players.



Voice-activated Navigation System with SIRIUS Travel Link is voice-activated and includes a 10 GB Music Jukebox and an easy-to-use LCD touch screen.⁽²⁾ SIRIUS Travel Link provides access to traffic, weather and sports updates, and movie listing information.⁽⁴⁾



Power adjustable accelerator and brake pedals provide pedal adjustability for a vehicle with multiple drivers and are especially useful for smaller and taller drivers.



(1) Class is full-size SUV.

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

(3) The Bluetooth word mark and logos are trademarks of the Bluetooth, SIG, Inc.

(4) Real-time traffic monitoring available in select markets. Some features may not be available while the vehicle is in motion. Service not available in Alaska or Hawaii. SIRIUS is registered trademark of SIRIUS Satellite Radio, Inc.

2009 Expedition and Expedition EL

Comfort/Convenience

COMFORT/CONVENIENCE

This page is about:

Seating Features

Seating Availability

Seating Features

Seating Comfort

- High-density foam provides outstanding comfort, providing plush, yet firm, support
- Seating surfaces and trims ranging from cloth to leather provide a wide variety of comfort choices
- Accessibility of control switches and ease of operation add to driver comfort and control

Climate-controlled Seats

- First-in-class⁽¹⁾
- Front seats are heated and cooled
- Three levels of warm and cool comfort
- Standard on Limited and King Ranch, optional on Eddie Bauer

CenterSlide™ Second-row Seat

- Center “20” section moves forward almost 11 inches
- Improves cargo area utility
- Allows easier access to a child safety seat
- Seats fold flat to loadfloor to maximize cargo carrying ability

Second-row Captain’s Chairs

- Flip-and-fold feature allows third-row accessibility
- Seatbacks recline or fold flat for cargo carrying

PowerFold™ Third-row 60/40 Seat

- Allows either or both seatbacks to fold flat to the floor at the touch of one or both control buttons

Seating Availability

Model	First Row	Second Row	Third Row
Expedition XLT	Cloth low-back Captain’s Chairs, 6-way power driver’s seat and center floor console with floor shifter	Cloth 40/20/40 split bench with CenterSlide™	Third-row storage bin standard on Expedition; third-row cloth 60/40 fold-flat split bench standard on Expedition EL
Expedition EL XLT	Cloth low-back Captain’s Chairs, 6-way power driver’s seat and center console with floor shifter	Cloth 40/20/40 split bench with CenterSlide	Cloth 60/40 fold-flat split bench
Expedition and Expedition EL Eddie Bauer	Two-tone leather-trimmed Captain’s Chairs, 10-way power driver’s seat, center console with floor shifter	Two-tone leather-trimmed 40/20/40 split bench with CenterSlide	Two-tone vinyl 60/40 PowerFold™ split bench
Expedition and Expedition EL Limited	Perforated leather-trimmed Captain’s Chairs, 10-way power heated/cooled driver’s seat, center console with floor shifter	Leather-trimmed 40/20/40 split bench with CenterSlide and outboard heated seats	Vinyl 60/40 PowerFold split bench
Expedition and Expedition EL King Ranch	Low-back Chaparral perforated leather-trimmed Captain’s Chairs, 10-way power/memory driver’s seat, center console with floor shifter	Chaparral leather-trimmed 40/20/40 split bench with CenterSlide and outboard heated seats	Chaparral leather-trimmed 60/40 PowerFold split bench

(1) Class is full-size SUVs.

This page is about:

- Cargo Space
- Overhead Console
- Climate Control System
- Expedition EL Cargo-carrying Capacity
- Reverse Sensing System
- Rear View Camera

2009 Expedition and Expedition EL

Comfort/Convenience

Interior Features

Cargo Space

- Expedition provides 108.3 cubic feet of maximum cargo space
- Expedition EL provides more than 130 cubic feet of maximum cargo space (24 more cubic feet behind the third row than Expedition)

Overhead Console

- Standard on all models
- Provides convenient access to single sunglasses storage, map lights and conversation mirror (mini console available with power moonroof)

Memory Feature

- Standard on Eddie Bauer, Limited and King Ranch models
- 2-position memory feature for the driver's seat, power adjustable pedals and exterior mirrors that allows two drivers to reprogram their preferred settings for these items

Climate Control System

- Manual air conditioning with rear auxiliary controls is standard on Expedition/Expedition EL XLT models
- Dual-zone Electronic Automatic Temperature Control, standard on Eddie Bauer, Limited and King Ranch models, allows the driver and front passenger to automatically maintain a specified temperature on their side of the vehicle
- All models feature rear-floor heat ducts
- Second-row auxiliary climate controls at the rear of the floor console

Center Console with Floor Shifter

- Convenient access to storage and large enough to fit a laptop computer
- Provides storage for a cell phone or PDA
- Includes transmission gear selector and rear audio controls



Expedition EL Cargo-carrying Capacity

- 130.8 cubic feet maximum cargo volume
- 42.6 cubic feet behind third-row seats (24 more cubic feet than Expedition)
- 85.5 cubic feet behind second-row seats

Power Moonroof

- One-touch access to open-air driving experience and a sliding sunshade

Reverse Sensing System

- First-in-class⁽¹⁾ warning system uses four radar sensors to detect an object at a specified distance behind the vehicle
- When the system detects an object, it sounds warning tones through the audio system
- Standard on Eddie Bauer, Limited and King Ranch; available on XLT as part of the XLT Convenience Package

Rear View Camera

- Provides added driver convenience when backing up
- Especially useful when hitching a trailer or parallel parking
- Camera is located on the liftgate
- Video is shown in the self-dimming electrochromic inside rearview mirror
- If equipped with the Navigation System, video is shown on the system's screen
- Both screens provide an image that includes:
 - Vehicle centerline
 - Rear bumper orientation
 - Green, yellow and red trajectory lines that relate an object's proximity to the rear of the vehicle

Eddie Bauer Convenience Package

- Power liftgate
- Power rear quarter windows
- Rain sensing wipers
- Rear View Camera
- Universal garage door opener

XLT Convenience Package

- 6-disc CD changer
- Power adjustable pedals
- Power rear quarter windows
- Reverse Sensing System
- Universal garage door opener

Luxury Value Package

- Voice-activated Navigation System with SIRIUS® Travel Link™
- DVD Entertainment System
- Power moonroof
- 20-inch chrome-clad wheels

(1) Class is full-size SUV.

2009 Expedition and Expedition EL

Comfort/Convenience

COMFORT/CONVENIENCE

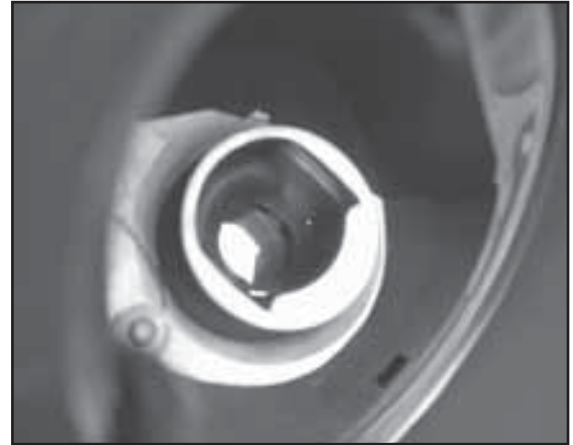
This page is about:

- Easy Fuel™ Capless Fuel Filler System
- SecuriCode™ Keyless Entry Keypad
- Power Liftgate
- Power Rear Quarter Windows
- One-piece Aluminum Liftgate with Flip-open Rear Window
- Power Running Boards

Exterior Features

First-in-class⁽¹⁾ Easy Fuel™ Capless Fuel Filler System

- **Fill-ups are easier and quicker** since there is no need for a fuel filler cap
- A standard-size unleaded fuel nozzle inserts directly into the filler neck, opening a spring-loaded door to the tank
- **No more dirty hands** since there is no cap to fumble with and a rubber seal on the fuel filler door helps keep dirt from entering the Easy Fuel system
- Helps **reduce fuel tank evaporative emissions** by eliminating the potential for customers to drive off with a missing or improperly installed gas cap
- An emergency funnel is included and is *required* to properly open the Easy Fuel system to accept fuel from a gas can or other secondary refueling device. The funnel is stored near the spare tire jack. See the vehicle Owner's Guide for more information
- For additional security, there's a locking fuel filler plug available from Ford Accessories



PRESENTATION TIP: Easy Fuel™ Capless Fuel Filler System

Be sure to fully understand the functionality of the Easy Fuel capless fuel filler system and present the benefits during a demonstration drive and at delivery. Show the customer how it's different than a traditional system, including the fuel door seal. In addition, be sure to show the customer where the emergency funnel is located in the vehicle — it is stored near the spare tire jack — since the funnel is required for the customer to add fuel from a portable container.

SecuriCode™ Keyless Entry Keypad

- Class-exclusive⁽¹⁾ feature
- Allows vehicle to be locked or unlocked without a key and is standard on all models



Power Liftgate

- Standard on Limited and King Ranch; available on Eddie Bauer as part of the Eddie Bauer Convenience Package
- Activated from the key fob remote or instrument panel switch



One-piece Aluminum Liftgate with Flip-open Rear Window

- Provides access to cargo area with a button on the key fob or a button on the instrument panel center stack



Power Running Boards

- Extend from the rocker panel when needed for easier entry or exit and retract when not in use
- Optional on Limited and King Ranch models, available on Eddie Bauer when ordered with the Eddie Bauer Convenience Package

Power Rear Quarter Windows

- Provide increased ventilation
- Operate by a switch in the overhead console
- Standard on Limited and King Ranch models, available on XLT models as part of the XLT Convenience Package and on Eddie Bauer as part of the Eddie Bauer Convenience Package

Rain Sensing Wipers

- Automatically activate when moisture is present on the windshield and control switch is set to any of five auto interval/sensitivity settings
- Wiper speed will vary based on the amount of moisture detected

(1) Class is full-size SUV.

COMFORT/CONVENIENCE

This page is about:

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

2009 Expedition and Expedition EL

Comfort/Convenience

Audio/Entertainment Systems

Audio Systems

- MP3 capable
- Include auxiliary audio input jack
- Single-disc CD/MP3 player
- Premium AM/FM stereo with 6-disc in-dash CD/MP3 changer with subwoofer
- See page 26 for more information

SIRIUS® Satellite Radio

- Over 130 channels of music, talk, news, sports and information
- Commercial-free music
- Digital sound quality
- Seamless coverage anywhere in the contiguous U.S.
- 6-month complimentary subscription⁽¹⁾ subject to location and availability
- See page 28 for more information

DVD Entertainment System

- 8.0-inch LCD screen folds down from the center of the headliner
- Dual-media feature allows front passengers to enjoy the audio system while rear passengers watch a movie
- Includes two sets of wireless headphones and remote control
- Universal audio/video jacks for video gaming systems or a camcorder
- See page 28 for more information

Ford SYNC®

Ford and Microsoft have teamed up to develop Ford SYNC.⁽²⁾ This exclusive technology will change the way customers use their digital media and Bluetooth^{®(3)} 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:

- 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 www.syncmyride.com.

Voice-activated Navigation System with SIRIUS Travel Link™

- 6.5-inch LCD touch-screen display
- Real-time traffic and weather reports provided by SIRIUS Travel Link
- 10 GB Music Jukebox for storage and access to around 2,400 songs
- Integrated climate control functions
- Rear View Camera displays on LCD screen
- Fast route calculations, zooming, scrolling and route previews
- Audible guidance feature that announces upcoming maneuver with specific street names
- Includes a single-disc version of the Premium audio system
- See page 27 for more information

SIRIUS Travel Link^(2, 4)

- 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
- 6-month complimentary subscription⁽¹⁾
- See page 27 for more information

(1) SIRIUS Satellite Radio and SIRIUS Travel Link are separate subscriptions.

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

(3) The Bluetooth word mark and logos are trademarks of the Bluetooth, SIG, Inc.

(4) Real-time traffic monitoring available in select markets. Some features may not be available while the vehicle is in motion. Service not available in Alaska or Hawaii. SIRIUS is a registered trademark of SIRIUS Satellite Radio, Inc.

2009 Expedition and Expedition EL

Safety/Security

SAFETY/SECURITY

This page is about:

- Accident Avoidance
- Occupant Protection
- Child Safety
- Personal Security
- NHTSA Crash Test Ratings

Overview

Key Messages

Expedition



- Expedition/Expedition EL earned a five-star New Car Assessment Program (NCAP) frontal crash test rating for the driver and front passenger by the National Highway Traffic Safety Administration (NHTSA) in 2008. The 2009 Expedition and Expedition EL are expected to earn the same top honor
- Ford Expedition is the only full-size SUV to have received the highest government frontal crash test safety rating eight years in a row, from 2001 through the 2008 model year
- Standard features like AdvanceTrac® with RSC® (Roll Stability Control™), four-wheel disc brakes with ABS, Safety Canopy® System and front-seat (thorax) side airbags provide a multitude of active and passive safety features

Key Features

Accident Avoidance

AdvanceTrac® with RSC® (Roll Stability Control™) helps the driver maintain vehicle stability in adverse driving situations or when making evasive maneuvers on slippery pavement.

All-Speed Traction Control helps provide control by limiting wheel spin to maximize available traction.

Four-wheel, Four-channel, ABS allows for maximum steering control under hard-braking conditions where lockup may occur.

Brake Assist provides maximum assist when the brakes are applied suddenly but without enough force to provide full deceleration.

Electronic Brake Force Distribution (EBD) varies front-to-rear brake pressure to optimize braking performance in a variety of conditions.

Tire Pressure Monitoring System (TPMS) alerts driver if tire pressure is significantly low.

Occupant Protection

Personal Safety System® deploys airbags based on crash severity, safety belt usage and driver's seat position.

Safety Canopy® System with Rollover Sensor deploys side curtain airbags in side-impact and rollover situations for outboard seated occupants of all three rows.

Front-seat side airbags help protect front-seat occupants in certain side collisions.

Three-point safety belts for all seating positions.

Autolock locks the doors, liftgate and liftgate window when all doors are closed and the vehicle reaches a speed of 12 mph (20 km/h).

Bumper beam is level with typical passenger cars to address SUV-to-car crash compatibility concerns.

Child Safety

LATCH System (Lower Anchors and Tethers for Children) helps provide secure and correct installation of child safety seats.

Rear-door child safety locks prevent rear-seat occupants from opening the door from the inside.

Personal Security

SecuriLock® passive anti-theft system requires a specially coded ignition key (with billions of possible codes) to start the vehicle.

Remote Keyless Entry System provides two handheld, four-button, remote controls to lock/unlock doors and liftgate. Includes a panic alarm and will operate the power liftgate if equipped.

24-Hour Roadside Assistance program provides roadside service for items such as running out of gas, a flat tire, jump start, etc. for 5 years or 60,000 miles, whichever comes first.

SOS Post Crash Alert System activates the hazard flashers and sounds the horn after a crash where the airbags deploy.⁽¹⁾ Sounding the horn and flashing the hazards makes the vehicle easier to locate if the accident happened off-road. System operates until deactivated or battery power is depleted.

Perimeter anti-theft system helps prevent unauthorized entry when the vehicle is locked.

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

NHTSA Crash Test Ratings

2008 Expedition received the highest possible ratings in frontal crash testing performed by the National Highway Traffic Safety Administration (NHTSA).⁽¹⁾

- In the full frontal test, vehicles are crashed into a fixed barrier at 35 mph, which is like a head-on collision between two similar vehicles, each moving at 35 mph
- Side-impact crash test represents an intersection-type collision with a 3015-lb. barrier moving at 38.5 mph into a standing vehicle
- Full frontal crash ratings should only be compared between vehicles within the same weight class (plus or minus 250 lbs.)
- For a complete list of NHTSA results, visit safercar.gov

	Frontal-impact Rating		Side-impact Rating	
	Driver	Passenger	Front Seat	Rear Seat
2008 Expedition	★★★★★	★★★★★	★★★★★	★★★★★

What Do the Stars Mean?

Frontal-impact Testing

★★★★★ 5 stars = 10 percent or less chance of serious injury

Side-impact Testing

★★★★★ 5 stars = 5 percent or less chance of serious injury

SAFETY/SECURITY

This page is about:

- AdvanceTrac® with RSC® (Roll Stability Control™)
- Four-wheel Disc Brakes
- Anti-Lock Braking System (ABS)
- Brake Assist

2009 Expedition and Expedition EL

Safety/Security

Accident Avoidance



AdvanceTrac® with RSC® (Roll Stability Control™)

- AdvanceTrac is standard on all Expedition models
- An electronic stability control system that helps the driver maintain vehicle stability in adverse driving situations or when making evasive maneuvers on slippery pavement
- Components work together to enhance traction and maneuverability by monitoring wheel speeds, the Anti-lock Braking System (ABS), acceleration and steering inputs by the driver, and the vehicle rotation around both the vertical yaw and horizontal roll axis
- Onboard computer monitors the sensors and makes adjustments by applying individual brakes and/or modifying engine power to reduce the potential for lost traction or an unstable vehicle situation
- Intervenes progressively so that the driver is hardly aware that AdvanceTrac has been activated
- Greatest benefit is realized when driving on low-traction surfaces or during emergency maneuvers
- Includes Brake Assist
- See the Safety section of the Source Book Appendices for more information

NOTE: Please remember even sophisticated, advanced technologies cannot defy the laws of physics. Always encourage customers to have safe driving habits.

Roll Stability Control™

- RSC is an additional vehicle control software module
- Builds on the Anti-lock Braking System (ABS), traction control and yaw control systems of AdvanceTrac®
- By utilizing a vehicle roll motion sensor, RSC helps keep the vehicle tires on the ground by monitoring and controlling roll rate

Four-wheel Disc Brakes with Anti-lock Braking System (ABS) and Brake Assist

- Four-channel ABS allows for maximum steering control under hard-braking conditions where lockup may occur
- Front and rear vented rotors, large twin-piston calipers up front and large single-piston calipers in the rear help improve stopping power and reduce vibration during braking
- Disc brakes provide enhanced heat dissipation, resistance to brake fade, longer pad life and improved stopping distances
- **Brake Assist** provides maximum assist when the brakes are applied suddenly but without enough force to provide full deceleration
- **Electronic Brake Force Distribution (EBD)** automatically balances the front-to-rear brake force distribution to reduce the tendency for rear-wheel lockup and optimize braking performance according to vehicle load of passengers, cargo and/or payload

AdvanceTrac® with RSC® Components

Anti-lock Braking System (ABS)

- Allows steering control to be maintained in many hard-braking situations
- Controls wheel lockup to improve stopping in many situations

All-Speed Traction Control

- Improves traction and acceleration
- Helps tires maintain grip, which aids directional control

Yaw Control

- Controls skidding and fishtailing
- Reduces the chance of rollover by reducing yaw motion

Vehicle Roll Motion Sensor

- Monitors vehicle body roll angle and how fast the body is rolling from one side to the other at least 100 times per second
- Works to counteract excessive roll by instantly and rapidly applying brake force at the appropriate wheels with a high burst of pressure
- This braking action helps to absorb the roll motion and plant the wheels firmly on the ground



2009 Expedition and Expedition EL

Safety/Security

SAFETY/SECURITY

This page is about:

Tire Pressure Monitoring System

Personal Safety System®



Front-seat Side Airbags

Accident Avoidance cont'd

Tire Pressure Monitoring System (TPMS)

- TPMS uses a tire pressure sensor mounted to each road wheel
- Sensors use radio frequency transmitters to send tire pressure information to the vehicle's onboard computer
- The computer illuminates a warning light when tire pressure is significantly low
- System is completely hidden from sight
- Replacing the tire can be easily done without removing the sensor
- Provides actual tire pressure readings
- Senses temperature-based pressure loss where all four wheels are affected
- Resetting the system is easy. Once tire pressure has been restored to its recommended level, TPMS-equipped vehicles simply need to be driven over 20 mph for at least 2 minutes to be reset

ENGINEERING INSIGHT: TPMS Warning Light

Low Tire Pressure	Customer Action Required
Solid Warning Light 	<p>Check tire pressure to ensure proper inflation. Ford recommends a digital or dial-type tire pressure gauge for increased accuracy.</p> <ul style="list-style-type: none"> • After inflating cold tires to manufacturer's recommended pressure as shown on the tire label, the vehicle must be driven for at least 2 minutes at over 20 mph to turn the light off and reset the system • If the light remains on even after these steps have been taken, have the system inspected by the dealership Service Department <p>NOTE: If the outside overnight temperature is significantly lower than the daytime temperature, tire pressure will decrease 1 psi for every 10 degrees F drop in temperature. This may cause the TPMS warning to illuminate. If all tires appear to be inflated, customers should manually check the pressure and inflate all the tires to the recommended cold pressure.</p>
Flashing Warning Light 	<ul style="list-style-type: none"> • Driving on the spare tire may activate the TPMS warning light, causing it to flash for 75 seconds followed by a solid light. Repair the damaged road wheel and remount it on the vehicle. Reset the TPMS by driving at over 20 mph for at least 2 minutes • If the tires are inflated to the manufacturer's recommended pressure and the spare tire is not in use, have the system inspected by the Service Department • See the vehicle Owner's Guide for more information

Occupant Protection

Personal Safety System®

The Personal Safety System uses a number of different safety features working together to help protect the driver and right front passenger in the event of certain frontal collisions. Components of the Personal Safety System include:

- Dual-stage Driver and Right Front Passenger Airbag Supplemental Restraint System (SRS)
- Personal Safety System restraint control module
- Electronic crash severity sensor
- Driver's-seat position sensor
- Front outboard safety belt pretensioners
- Front outboard safety belt energy management retractors

See the Safety section of the Source Book Appendices book for more information.

Front-seat Side Airbags

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

SAFETY/SECURITY

This page is about:

- Safety Canopy® System with Rollover Sensor
- LATCH System (Lower Anchors and Tethers for Children)
- SecuriLock® Passive Anti-theft System
- Perimeter Alarm Anti-theft System
- 24-Hour Roadside Assistance

2009 Expedition and Expedition EL

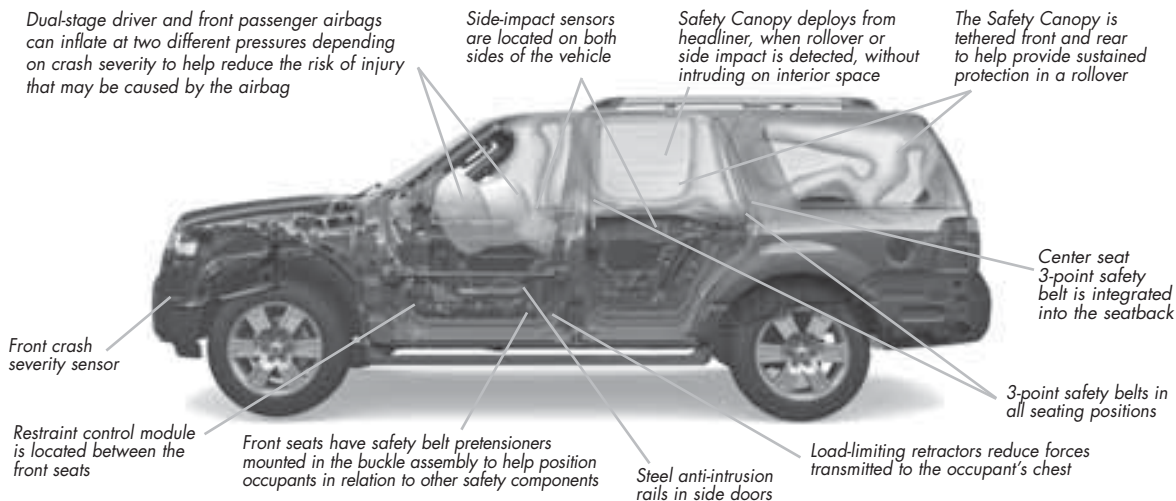
Safety/Security

Occupant Protection cont'd

Safety Canopy® System with Rollover Sensor

- Combines side curtain airbags and rollover sensors to help provide protection for outboard passengers in all three rows in the event of side-impact collisions or vehicle rollover situations
- Side curtain airbags are located in the roof side rail behind the headliner. They deploy downward, toward and outward along the side window openings. When deployed, the airbags cover approximately two-thirds of the first-, second- and third-row side window glass
- Inflators for the airbags are located near the roof rail between the C- and D-pillars
- Two side-impact sensors are located on each side of the vehicle
- Rollover sensors detect a potential rollover and trigger the Safety Canopy
- Safety Canopy stays inflated longer than the front airbags
- Because of the angle of deployment and that, when deployed, the side curtain airbags do not cover the entire side window glass, they will not interfere with a properly installed child safety seat or booster seat
- Side curtain airbags also deploy with cool gas inflators instead of the hot gas inflators found in most front airbags and side-impact airbags that deploy from the seatback bolsters. This allows the airbags to remain inflated for a longer period of time
- System also utilizes the onboard sensors to monitor unstable vehicle events and to deploy to protect the occupants in the event of a rollover situation

Personal Safety System®



Child Safety

LATCH System (Lower Anchors and Tethers for Children)

- Consists of a top tether anchor point and two rigid bars located where the seat cushion meets the seatback
- All second-row rear seats offer LATCH provisions
- 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 the uniform installation method helps reduce the likelihood of incorrect installation

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

Perimeter Alarm Anti-theft System

- When the vehicle is locked, it monitors against someone opening the doors, hood or liftgate to gain unauthorized entry

Personal Security

24-hour Roadside Assistance

- Toll-free number (1-800-241-FORD) operational 24 hours, 7 days a week
- Customers can request services to change a flat tire, jump-start a battery, deliver fuel or tow the vehicle
- Available for 5 years or 60,000 miles, whichever comes first

2009 Expedition and Expedition EL

Design/Styling

DESIGN/STYLING

This page is about:

- Exterior Styling
- Interior Styling
- Limo Package

Overview

Key Messages

Expedition



- Expedition and Expedition EL offer four distinctly styled models
- Expedition EL offers increased interior space and cargo-carrying capability, yet still fits in a garage and is distinct from the Expedition from the B-pillar back
- A selection of 18- and 20-inch wheels offer distinct style
- Each trim level offers distinct interior styling

Key Features

Exterior Styling

Expedition EL is available in all four models, offers increased interior room and cargo-carrying capacity. A 131-inch wheelbase is 12 inches longer than Expedition, yet still fits in a garage. Compared to Expedition, the Expedition EL is unique from the B-pillar back.



Fog lamps are a stylish round design and help improve visibility in inclement weather.



Front Tow Hooks on 4x4 models offer rugged style and functionality.



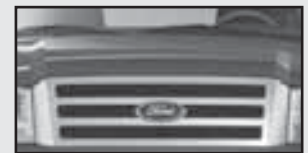
Large Headlamps feature the Ford-themed step-up design with the integrated side marker lights wrapping around into the front fenders.



Full-grip Door Handles for the doors and liftgate are easier to grab and use.



Raised Power Dome Hood contributes to Expedition's bold stance.



Prominent wheelip moldings complement the wheel designs.



Flush cladding for a more sophisticated look.



Distinctive 18- and 20-inch wheel designs distinguish each of the trim levels.



Interior Styling

Seat materials range from cloth in the Eddie Bauer to two-tone leather in the XLT to perforated leather trim in the Limited, and Chaparral perforated leather in the King Ranch.



Limo Package

- Requires Expedition EL XLT 4x2, limited-slip 3.73 axle and first-row leather-trimmed low-back Captain's Chairs
- 6-channel auxiliary transmission cooler
- 78-amp battery
- Air conditioning — manual with auxiliary climate control
- AM/FM premium stereo in-dash 6-disc CD changer with clock
- XLT Convenience Package
- Floor shifter
- Heavy duty cross-flow radiator
- Heavy-Duty Trailer Tow Package
- Power adjustable pedals
- Reverse Sensing System
- Running boards — black
- Seats — first-row leather-trimmed low-back Captain's Chairs with floor console
- Second- and third-row seats deleted
- Steering wheel — color-keyed, leather-wrapped
- Tires — P255/70R18 A/S OWL
- Wheels — 18-inch Chrome-clad aluminum

- Expedition EL Unique Features
- Exterior Styling

2009 Expedition and Expedition EL

Design/Styling

Expedition EL Unique Features



- Expedition EL is available in all trim levels:
 - XLT
 - Eddie Bauer
 - Limited
 - King Ranch
- 14.8 inches longer than the standard Expedition
- 130.8 cubic feet of cargo space — including 24 more cubic feet behind the third-row seat than the standard Expedition
- 131-inch wheelbase — 12 inches longer than the standard Expedition
- Extra cargo capacity, yet still fits in a garage
- Unique second-row doors to improve entry and exit to second- and third-row seats
- Unique from the B-pillar back with EL-specific:
 - Floor pan
 - One-piece bodyside
 - Running boards
 - Roof rack
 - Rear quarter glass
 - One-piece headliner
 - Quarter panel trim

Exterior Styling

Stylish Exterior Trim

- 2-piece modular front and 3-piece modular rear fascias standard
- XLT models feature body-color front and rear fascias, wheelip moldings and bodyside cladding
- Eddie Bauer and King Ranch models feature body-color upper fascias and high-gloss Pueblo Gold lower fascias, wheelip moldings and bodyside cladding
- Limited models feature body-color front and rear fascias, lower bodyside cladding and wheelip moldings

Wheels

- 18-inch chrome-clad aluminum wheels optional on XLT (standard on Limited)
- 18-inch machined aluminum wheels optional on Eddie Bauer (standard on Expedition EL Eddie Bauer)
- 20-inch chrome-clad aluminum wheels optional on Eddie Bauer, Limited and King Ranch
- Vehicles with 20-inch wheels receive 18-inch steel spare with taller aspect ratio tire

King Ranch

- Pueblo Gold front and rear fascias, bodyside cladding and wheelip moldings
- Pueblo Gold running boards
- 18-inch machined aluminum wheels with King Ranch logo on center cap
- King Ranch badging on front fenders and liftgate

2009 Expedition and Expedition EL

Design/Styling

DESIGN/STYLING

This page is about:

- Interior Design
- XLT Interior
- Eddie Bauer Interior
- Limited Interior
- King Ranch Interior

Interior Design



- Wide selection of seat colors and materials
- Front Captain's Chairs with center floor console and floor shifter standard on all models
- Seats are made with foam cushioning for supportive, body-contoured seating

- Easy-to-read gauge cluster
- Easy-to-reach controls
- Magnesium crossbeam and Quiet Steel^{®(1)} laminated dash panel substrate help improve rigidity, reduce weight and help eliminate squeaks and rattles
- Prominent center stack includes:
 - Radio and climate controls
 - 4x4 rotary switch (if equipped)
 - Message center controls
 - Power liftgate switch (if equipped)
 - Chrome air registers

Interior Features

	XLT	Eddie Bauer	Limited	King Ranch
Seat Material	<ul style="list-style-type: none"> • Standard cloth • Available leather 	<ul style="list-style-type: none"> • Standard two-tone leather 	<ul style="list-style-type: none"> • Perforated leather 	<ul style="list-style-type: none"> • Chaparral perforated leather
Instrument Panel Trim	<ul style="list-style-type: none"> • Greystone or Charcoal Black with Silver Center panel • Chrome air registers 	<ul style="list-style-type: none"> • Greystone or Charcoal Black with Curly Koa center panel • Chrome air registers 	<ul style="list-style-type: none"> • Greystone or Charcoal Black with Mahogany center panel • Chrome air registers 	<ul style="list-style-type: none"> • Charcoal Black with Wales Mahogany center panel inserts • Chrome air registers
Steering Wheel	<ul style="list-style-type: none"> • Leather-wrapped with cruise control and tilt 	<ul style="list-style-type: none"> • Leather-wrapped with cruise control and tilt • Secondary audio controls 	<ul style="list-style-type: none"> • Leather-wrapped with cruise control and tilt with woodgrain trim • Secondary audio controls 	<ul style="list-style-type: none"> • Leather-wrapped with cruise control and tilt with Wales Mahogany woodgrain trim • Secondary audio controls
Door Trim	<ul style="list-style-type: none"> • Stone, Camel or Charcoal Black trim panels • Chrome door handles 	<ul style="list-style-type: none"> • Camel or Charcoal Black trim panels • Chrome door handles • Curly Koa trim on switch bezels 	<ul style="list-style-type: none"> • Chrome door handles • Stone or Charcoal Black trim panels • Leather door trim inserts • Mahogany trim on switch bezels 	<ul style="list-style-type: none"> • Chrome door handles • Chaparral leather door trim inserts • Wales Mahogany woodgrain trim on switch bezels
Console Trim	<ul style="list-style-type: none"> • Silver trim panels 	<ul style="list-style-type: none"> • Curly Koa trim panels 	<ul style="list-style-type: none"> • Mahogany woodgrain trim on shifter and console 	<ul style="list-style-type: none"> • Chaparral leather center console lid • Wales Mahogany woodgrain trim on shifter and console
Carpeting	<ul style="list-style-type: none"> • Ebony, Greystone or Medium Camel 	<ul style="list-style-type: none"> • Ebony or Medium Camel 	<ul style="list-style-type: none"> • Ebony or Greystone 	<ul style="list-style-type: none"> • Ebony carpeting • Floor mats with King Ranch logo

(1) Quiet Steel is a registered trademark of MSC.

This page is about:

- Noise, Vibration and Harshness (NVH)
- Easy Maintenance
- Built to Be Quiet

2009 Expedition and Expedition EL

Quality/Reliability/Durability

Overview

Key Messages

Expedition



- Body-on-frame construction with fully boxed frame and hydroformed front frame rails providing strong foundation
- Expedition is built to be quiet
- Easy maintenance with 90,000-mile spark plug maintenance interval and 6-month/7,500-mile oil change interval⁽¹⁾

Key Features

Noise, Vibration and Harshness (NVH)

Quiet Steel^{®(2)} laminated dash panel helps to eliminate noise and vibration coming from the engine compartment.

Body-on-frame construction has high torsional rigidity and bending stiffness for more capability and excellent ride and handling.

Fully boxed frame with one-piece, hydroformed front and mid-section side rails, reducing components and welds for a stronger chassis.

Tube-through-tube frame design creates a stronger joint, resulting in increased frame stiffness.

Shear-style front and rear body mounts help isolate vibrations while contributing to more consistent long-term performance.

Structural Foam applied to the upper B-pillars, upper and lower D-pillars and floor pan helps increase chassis stiffness to reduce noise and vibration.

Large footprint brackets provide strong attachments for the body and suspension.

Easy Maintenance

- **Fail-Safe Cooling System** helps protect the engine from potential damage due to coolant loss or overheating
- **Corrosion Protection** provided by galvanized steel for all major body panels, and aluminum for the hood and liftgate to resist corrosion
- 6-month/7,500-mile oil change interval⁽¹⁾
- 6-year/105,000-mile engine coolant change interval⁽¹⁾
- 90,000-mile spark plug maintenance interval⁽¹⁾



ENGINEERING INSIGHT: Built to Be Quiet

- Dash pad and door panel insulation
- Quiet Steel^{®(2)} laminated dash panel and magnesium crossbeam serve to reduce engine and road noise entering the passenger compartment
- Hydroformed and fully boxed frame with separate body-on-frame construction
- Aerodynamic outside mirrors
- Thick side-window glass
- Sound-deadening materials in carpet and headliner
- Big, soft body mounts
- Engine and transmission mounts designed to minimize vibration and noise
- Secondary door seals
- Optimized body-mount location
- Responds to the customer need for comfort and convenience through reduced cabin noise

⁽¹⁾ Under normal driving conditions.

⁽²⁾ Quiet Steel is a registered trademark of MSC.

2009 Expedition and Expedition EL

Quality/Reliability/Durability

QUALITY/RELIABILITY/DURABILITY

This page is about:

- Fully Boxed Frame Rails
- Hydroformed Front Frame Rails
- Large-footprint Brackets
- Shear-style Body Mounts
- Fuel Tanks
- Fail-safe Cooling System

Frame Engineering

Fully Boxed Frame Rails

- The frame forms the basis for Expedition's ride and handling characteristics, as well as contributing to the overall sound quality within the cabin
- Fully boxed ladder frame with hydroformed front and mid-section side frame rails for greater torsional stiffness and resistance to bending forces
- Provides strong bracket attachment points for the body and suspension
- Helps minimize shake and shudder on rough surfaces

Hydroformed Front Frame Rails

- Bear the loads of the engine, transmission and front suspension
- Provide consistent frame wall thickness and increased strength
- Fewer welds mean fewer heat-induced inconsistencies in the metal
- Result is a smooth ride and confident vehicle control

Large-footprint Brackets

- Large-footprint brackets provide a strong base for mounting points
- Mounting brackets are fully welded instead of riveted to form strong mounting points

Shear-style Body Mounts

- Help isolate cabin from vibrations that reach the frame
- Help limit fore-and-aft movement of the passenger compartment, aiding improved crash performance
- More durable than standard compression body mounts

Long Lasting

Powertrain Electronic Controller (PTEC) with On-board Diagnostics (OBD II)

- Helps the engine deliver optimum efficiency, performance and emissions control
- Continuously monitors engine emissions, catalyst efficiency, fuel system integrity, evaporative emissions and exhaust gas recirculation
- Enables service technicians to trace maintenance problems quickly and easily

Fuel Tanks

- Composite fuel tanks are used on all Expedition models
- Expedition has a capacity of 28 gallons
- Expedition EL holds 33.5 gallons

Fail-Safe Cooling System

- Protects the engine from a loss of coolant or overheating condition. The system will automatically switch to alternating cylinder operation (8-cylinder to 4-cylinder) with the non-powered cylinders acting as air pumps to help cool the powered cylinders
- Allows the driver to continue to operate the vehicle at reduced power levels to safely reach assistance. Driving distance is limited by a number of factors including load, temperature and terrain

Warranty Details

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 System Coverage

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

AUDIO/NAVIGATION/ENTERTAINMENT

This page is about:

- AM/FM Stereo/Single-disc CD/MP3 Capable Player
- Premium AM/FM Stereo/6-disc In-dash CD/MP3 Capable Changer
- Auxiliary Audio Input Jack

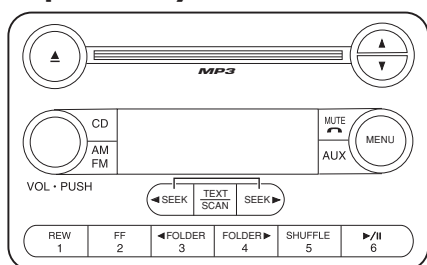
2009 Expedition and Expedition EL

Audio/Navigation/Entertainment

All Expedition and Expedition EL Audio Systems Include

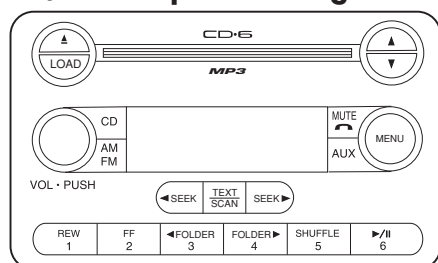
- 6 AM/12 FM Station Memory Tuning
- SIRIUS® Satellite Radio capability
- MP3 capability
- Auxiliary audio input jack
- Radio Data System (RDS)
- Digital clock

AM/FM Stereo/Single-disc CD/MP3 Capable Player



- 160 watts of power
- 6 premium speakers

Premium AM/FM Stereo/6-disc In-dash CD/MP3 Capable Changer



In addition to the AM/FM single-disc CD/MP3 system, includes:

- 340 watts of peak power
- 6 premium speakers plus a subwoofer
- Integral 6-disc CD changer with elevator CD loading
- Partitioned audio
- Automatic disc storage
- Rear-seat controls
- Partial mute with Reverse Sensing System
- **Speed Compensated Volume (SCV)** compensates for changing ambient noise levels by adjusting the volume of the radio according to the vehicle's speed signal. Allows 7 volume adjustment levels. Adjustable through the menu

- **Compression** allows the audio dynamic range to be compressed so quieter music is boosted and louder music is lowered to compensate for ambient noise level when enabled during CD mode
- **Occupancy setting** allows one of three vehicle acoustic settings to be chosen
- **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** button allows access to the MP3 folder
- **Folder/track mode** allows the audio system to play and seek through disc tracks with or without folder option (available with MP3 discs only)

Auxiliary Audio Input Jack

- Standard with all audio systems
- Allows the use of portable MP3 players
- Vehicle audio system will not control the functions of the MP3 player



MP3 Capability

- Reads song title and artist from IP3 tags
- Supports up to 253 titles per disc

For More Audio Information

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

2009 Expedition and Expedition EL

Audio/Navigation/Entertainment

AUDIO/NAVIGATION/ENTERTAINMENT

This page is about:

Voice-activated Navigation System with SIRIUS® Travel Link™

SIRIUS Travel Link

Voice-activated Navigation System with SIRIUS® Travel Link™



- Includes a single-disc version of the Premium audio system
- **Voice activation** recognizes certain voice commands to operate the system hands-free⁽¹⁾
- **6.5-inch LCD touch screen** operates navigation and audio functions
- **Hard-drive-based system** includes 10 GB of storage for photos and music
- Integrated **climate control** functions
- **Traffic and weather information, fuel pricing, sports updates and movie listings** provided by SIRIUS Travel Link. Learn more about the capabilities in the "A Closer Look" box at right
- **Bird's-eye map** provides a "3D" view of route, landmarks and Points of Interest (POI)
- **Music Jukebox capability** allows for 10 GB storage and access to around 2,400 songs
 - Browse the music library via the touch screen or by voice recognition
 - Music can be sorted by playlists
- **Upload photos** to the home screen
- **Park and Play** mode allows DVDs to play while the vehicle is in Park
- **Destination selection search** methods include:
 - Street address
 - Point of Interest (POI)
 - 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
- **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^(1, 2)

- **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 theatres, including times, movie summary and directions to the theatre
 - 6-month complimentary subscription⁽³⁾ subject to location and availability included with Navigation System
- More information is available online at www.sirius.com or toll-free at (888) 539-SIRIUS (7474)

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

(2) Real-time traffic monitoring available in select markets. Some features may not be available while the vehicle is in motion. Service not available in Alaska or Hawaii. SIRIUS is a registered trademark of SIRIUS Satellite Radio, Inc.

(3) SIRIUS Satellite Radio and SIRIUS Travel Link are separate subscriptions.

For More Audio Information

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

This page is about:

- SIRIUS® Satellite Radio
- DVD Entertainment System

2009 Expedition and Expedition EL

Audio/Navigation/Entertainment

SIRIUS® Satellite Radio

- SIRIUS Satellite Radio is available on Expedition XLT and Expedition EL XLT models, standard on Eddie Bauer, Limited and King Ranch models
- Includes 6 months of SIRIUS service subject to location and availability
- Order Code 62S must be specified. This will equip the vehicle with the 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, sports and information (65 music channels)
 - 100 percent commercial-free music
 - Seamless coverage anywhere in the contiguous U.S.
- More information on the service is available online at www.sirius.com or toll-free at (888) 539-SIRIUS (7474)

DVD Entertainment System



- Requires SIRIUS Satellite Radio and 3rd-row seat on XLT
 - DVD player
 - 8-inch flip-down LCD screen in the overhead console
 - Backlit controls for nighttime operation
 - Wireless headphones (2)
 - Wireless remote control
 - Dual-media feature allows front-seat passengers to listen to radio or CDs while rear-seat passengers watch a movie or play video games
 - Two channels also allow separate media usage between headphones
 - Universal RCA audio/video input jacks allow use of other equipment such as media players and video games
 - Plays MP3, CD-R, CD-R/W, DVD-R and DVD-R/W formats
 - Engineered and durability tested for in-vehicle use with skip protection, shake resistance and temperature tolerance
- Note:** Any other equipment requires the use of a power adapter. The DVD player provides the audio/video jacks, but not the power source

For More Audio Information

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








2009 Expedition and Expedition EL

Wheels

WHEELS

This page is about:

- 17" Painted Steel
- 17" Aluminum
- 17" Machined Aluminum with Sparkle Silver Inserts
- 18" Machined Aluminum
- 18" Chrome-Clad Aluminum
- 20" Chrome-Clad Aluminum

Wheel		SSV	XLT	Eddie Bauer	Limited	King Ranch
17" Painted Steel Wheel (17" x 7.5") Order Code: 64D		Included on Order Codes 900A, 910A with Fleet Special Service Package (non EL)	—	—	—	—
17" Aluminum Wheel (17" x 8.0") Order Code: 64I		Included on Order Codes 920A, 930A with Fleet Special Service Package (EL)	Standard on Order Codes 130A, 230A	—	—	—
17" Machined Aluminum Wheel with Sparkle Silver Inserts (17" x 8.0") Order Code: 64J		—	—	Standard on Order Codes 310A, 400A (non-EL)	—	—
18" Machined Aluminum Wheel (18" x 7.5") Order Code: 64K		—	—	Standard on EL Order Codes 310A, 400A Optional on Order Codes 310A, 400A (non-EL)	—	With King Ranch Center Caps Standard on Order Codes 320A, 420A
18" Chrome-Clad Aluminum Wheel (18" x 7.5") Order Code: 64L		—	Optional on Order Codes 130A, 230A	—	Standard on Order Codes 500A, 600A	—
20" Chrome-Clad Aluminum Wheel (20" x 8.5") Order Code: 64M		—	—	Optional on Order Codes 310A, 400A	Optional on Order Codes 500A, 600A	—
20" Chrome-Clad Aluminum Wheel (20" x 8.5") Order Code: T21		—	—	—	—	Optional on Order Codes 320A, 420A and Includes King Ranch Center Caps

— = Not available

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

July 2008

This page is about:

- Interior Trim
- Instrument Cluster

2009 Expedition and Expedition EL

Interior Trim/Instrument Cluster

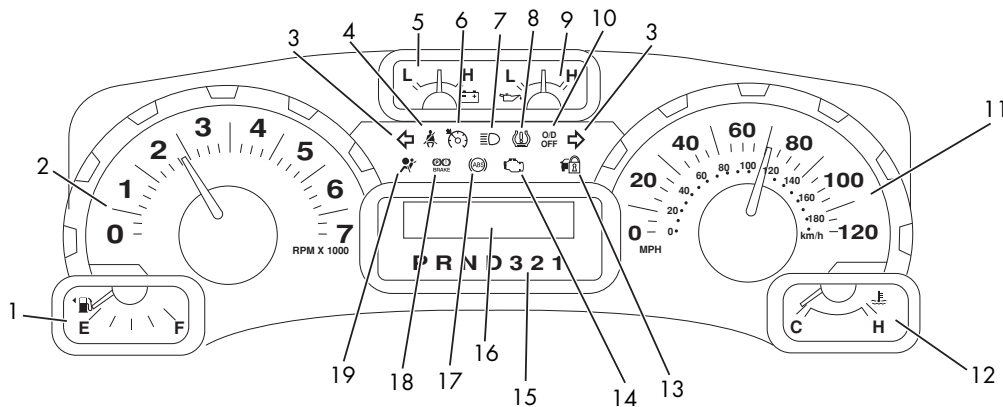
Interior Trim

Interior Trim Type and Color Selector NOTE: First character denotes type, second character denotes color.	Interior Colors						
	Stone	Camel	Charcoal Black	Camel w/Grey-stone Accent	Charcoal Black w/Camel Accent	Charcoal Black w/Caramel Accent	Charcoal Black w/King Ranch Tan
XLT Cloth Captain's Chairs with Floor Console Leather Seating Surfaces Captain's Chairs with Floor Console and Vinyl 3rd-row Bench Seat	FL 1L ⁽¹⁾	FC 1C ⁽¹⁾	FW 1W ⁽¹⁾				
Eddie Bauer Captain's Chairs with Two-Tone Leather Seating Surfaces with Floor Console and 3rd-row Vinyl Bench Seat Captain's Chairs, Monotone Leather Seating Surfaces with Floor Console and 3rd-row Vinyl Bench Seat		4C		1C	1W		
Limited Low-back Captain's Chairs with Perforated Leather Seating Surfaces with Floor Console and 3rd-row Vinyl Bench Seat	2L		2W			3W	
King Ranch Low-back Captain's Chairs, Chaparral leather on all three rows of seating with Floor Console							5W

(1) Requires XLT Convenience Package.

NOTE: See the 2009 Color and Upholstery Book or the Specifications section of eSourceBook (esourcebook.dealerconnection.com) for illustrations of the available seating choices.

Instrument Cluster



- 1. Fuel gauge
- 2. Tachometer
- 3. Turn signal indicators
- 4. Fasten safety belt indicator/warning light
- 5. Battery voltage gauge
- 6. Electronic cruise control indicator light
- 7. High beam indicator light
- 8. Low tire pressure warning light
- 9. Engine oil pressure gauge
- 10. Overdrive off indicator
- 11. Speedometer
- 12. Engine coolant temperature gauge
- 13. Security/anti-theft system indicator light
- 14. Service engine soon warning light
- 15. Automatic transmission gear selection display
- 16. Message center
- 17. Anti-lock Braking System (ABS) warning light
- 18. Brake system warning light/parking brake indicator light
- 19. Airbag readiness indicator/warning light

2009 Expedition and Expedition EL

GVWR, Allowable and Option Weights

GVWR, ALLOWABLE AND OPTION WTS.

This page is about:

- GVWR, Trailer Tow and Payload Ratings
- Cargo/Payload GVWR Worksheet
- Snowplow Information

GVWR, Trailer Tow and Payload Ratings

Engine	Model	Drive	Maximum GVWR (lbs.) ⁽¹⁾	Maximum Trailer Tow (lbs.) ⁽¹⁾	Maximum Payload (lbs.) ⁽¹⁾	Maximum GCWR (lbs.) ⁽¹⁾	Maximum Allowable Weight (lbs.) ⁽¹⁾
5.4L 3-valve V8 FFV	Expedition	4x2	7300	9200	1670	15,000	326
	Expedition EL	4x2	7540	8900	1620	15,000	317
	Expedition	4x4	7500	9000	1640	15,000	317
	Expedition EL	4x4	7720	8700	1570	15,000	353

(1) Requires Heavy-Duty Trailer Tow Package.

NOTES: Maximum trailer weights shown. The combined weight of the towing vehicle (including hitch, passengers and cargo) and the loaded trailer must not exceed the Gross Combination Weight Rating (GCWR). Additional towing information can be found in the 2009 RV & Trailer Towing Guide shipped with your 2009 Source Books or the vehicle Owner's Guide.

Total Actual Regular Production Option Content Weight Cargo/Payload GVWR Worksheet

Option Weight	(Front/Total) (lbs.)
TIRES/WHEELS:	
Road Tire — P255/70R18 On/Off Road OWL	(2/3)
Road Tire — P275/55R20 AS BSW	(16/32)
Spare Tire — P275/55R20 AS BSW	(0/8)
Road Wheel — Machined Aluminum 18" x 8.5"	(7/14)
Road Wheel — Chrome-clad Aluminum 20" x 8.5"	(16/32)
Spare Wheel — E-coated Steel 20" x 8"	(0/13)
PACKAGES:	
Limited Version	(4/7)
Funkmaster Flex Prep Package	(30/60)
OPTIONS:	
Air Conditioning — Manual w/Aux. Climate Control	(9/32)
78 AMP Battery	(5/5)
Roll Stability Control™	(3/6)
9-Channel Aux. Transmission Cooler	(2/3)
Power Quarter Flip Rear Windows	(0/3)
Side Air Curtains w/Rollover Sensing (3 rows)	(5/10)
Large Frame Gas Alternator	(2/2)
3.73 Limited-Slip Rear Axle	(0/1)
Cargo Management System	(1/6)
Dual-zone EATC w/Aux. Climate Control	(12/33)
Electrochromic Mirror w/Microphone	(1/1)
Floor Mats — Carpeted	(2/5)
Front License Plate Bracket	(1/1)
Heavy-Duty Radiator	(3/3)
Heavy-Duty Trailer Tow Package	(3/4)
Subtotal: Front/Total	___/___

Option Weight	(Front/Total) (lbs.)
OPTIONS cont'd:	
Luggage Rack w/Crossbars	(2/4)
Memory Package	(2/2)
Moonroof — Power (includes Mini Console)	(22/32)
Pedals — Power Adjustable	(1/2)
Power Liftgate	(2/13)
Radio — AM/FM Premium 6CD w/Clock	(0/1)
Radio — Navigation	(8/20)
Rail Lamps — 2nd Row	(1/3)
DVD Entertainment System	(5/11)
Reverse All Radar Sensing System	(1/2)
Remote Starter	(2/2)
Running Boards — Monochromatic (Limited)	(32/63)
Splash Guards	(2/2)
Skid Plates	(19/36)
Steering Wheel — Leather-wrapped	(1/1)
Steering Wheel — Wood	(1/1)
Universal Garage Door Opener	(1/1)
Heated and Cooled Seats	(4/9)
Floor Console	(12/22)
Leather Low-back Bucket Seats	(9/18)
PowerFold™ Third-row Seat	(1/15)
Sub-Total: Front/Total	___/___
Sub-Total: From 1st Col.	___/___
Line A: Total Actual Option Content Weight:	___/___

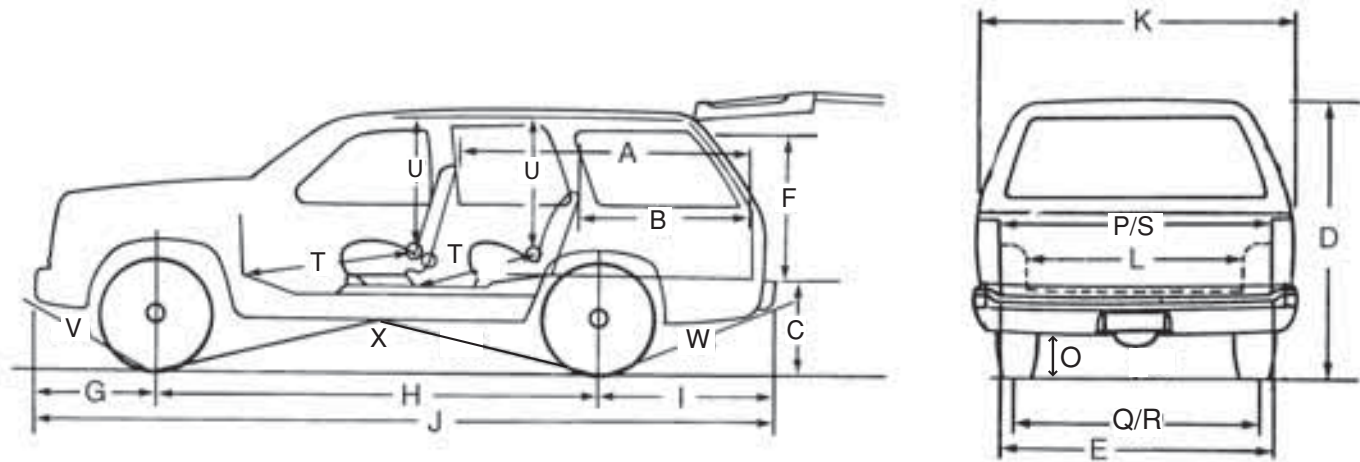
NOTE: For sample worksheet, please refer to the Payload Workbook Appendix in the 2009 Truck Source Book.

Snowplow Information

Not recommended for Snowplow Applications.

2009 Expedition and Expedition EL

Dimensions



BODY DIMENSIONS

Code	Description	Expedition (in.)/(deg.)	Expedition EL (in.)/(deg.)
A	Cargo Length Front (at Belt)	82.5	98.3
B	Cargo Length Second (at Belt)	44.4	60.2
	Cargo Length Third (at Belt)	13.1	28.9
C	Liftover Height — 4x2 / 4x4	34.4	35.3 / 35.9
D	Vehicle Height w/Options — 4x2 / 4x4	77.2	77.7 / 78.3
E	Cargo Rear Opening Width at Floor	56.7	56.7
F	Cargo Rear Opening Height	34.6	34.1
G	Front Overhang	39.2	39.2
H	Wheelbase	119.0	131.0
I	Rear Overhang	48.3	51.1
J	Vehicle Length	206.5	221.3
K	Vehicle Width (Excluding Mirrors)	78.8	78.8
	Vehicle Width (Including Mirrors)	91.8	91.8
	Vehicle Width (Mirrors Folded)	79.7	79.7
L	Cargo Width — Between Wheelhouses	49.2	51.4
O	Minimum Running Ground Clearance (Curb)	8.7	8.7
P	Shoulder Room — 1st Row	63.2	63.2
	Shoulder Room — 2nd Row	63.7	63.7
	Shoulder Room — 3rd Row	51.9	67.1
Q	Front Track	67.0	67.0
R	Rear Track	67.2	67.2
S	Hip Room — 1st Row	60.2	60.2
	Hip Room — 2nd Row	59.9	59.9
	Hip Room — 3rd Row	50.2	51.8
T	Leg Room — 1st Row — Max.	41.1	41.1
	Leg Room — 2nd Row — Max.	39.1	39.1
	Leg Room — 3rd Row — Max.	37.7	37.7
U	Head Room — 1st Row	39.6	39.5
	Head Room — 2nd Row	39.8	39.7
	Head Room — 3rd Row	38.3	38.0
V	Approach Angle — 4x2 / 4x4	22.8° / 22.6°	23.1° / 24.1°
W	Departure Angle — 4x2 / 4x4	21.4° / 21.5°	20.1° / 20.9°
X	Ramp Breakover Angle — 4x2 / 4x4	18.4° / 18.3°	17.6° / 18.7°

2009 Expedition and Expedition EL

Dimensions cont'd

EXPEDITION AND EXPEDITION EL

BASE CURB WEIGHTS

Model	Front (lbs.)	Rear (lbs.)	Total (lbs.)
4x2 Expedition	2778	2791	5569
4x4 Expedition	2963	2838	5801
4x2 Expedition EL	2912	2942	5854
4x4 Expedition EL	3115	2973	6088

CARGO VOLUME

	Expedition (cu. ft.)	Expedition EL (cu. ft.)
Behind First Row	108.3	130.8
Behind Second Row	55.0	85.5
Behind Third Row	18.6	42.6

PASSENGER VOLUME

	Expedition (cu. ft.)	Expedition EL (cu. ft.)
First Row	59.6	59.6
Second Row	57.3	57.3
Third Row	43.4	51.4
Total — First, Second & Third Rows	160.3	168.3

2009 Expedition and Expedition EL

Seating Capacity and Standard Equipment Specifications

Model		EXPEDITION AND EXPEDITION EL		
Series / Trim — 119.0" / 131.0" WB — 2WD / 4WD		XLT	Eddie Bauer	Limited
Passenger Pkg.	—	STD	STD	STD
Passenger Capacity		5	8	8
SEATING ARRANGEMENTS INCLUDE:				
Captain's Chairs	— Dual 1st Row	■	■	■
Bench	— 3-Pass. 2nd Row — 40/20/40	■	■	■
	— 3-Pass. 3rd Row — 60/40		■	■
Passenger/Cargo Capacity	— Expedition 2WD Max. Lbs.	1670		
	— Expedition 4WD Max. Lbs.	1640		
	— Expedition EL 2WD Max. Lbs.	1620		
	— Expedition EL 4WD Max. Lbs.	1570		
GVWR: (lbs.)	— Expedition 2WD Max.	7300		
	— Expedition 4WD Max.	7500		
	— Expedition EL 2WD Max.	7540		
	— Expedition EL 4WD Max.	7720		
GAWR: (lbs.)				
2WD Models	Minimum Front	3300		
	Maximum Front	3700		
	Minimum Rear	4250		
	Maximum Rear	4250		
4WD Models	Minimum Front	3550		
	Maximum Front	3700		
	Minimum Rear	4250		
	Maximum Rear	4250		
POWERTRAIN: 2WD / 4WD				
Engine	— Application	Refer To Dealer Ordering Guide For 50 States Usage		
	— Type (Ford)	5.4L 3V (330) SEFI V8 Triton®		
	— Air Intake — Hot/Cold	Thermostatically Controlled		
	— Fan Clutch	Viscous Type		
	— Exhaust System	Stainless Steel		
	— Ignition — EEC V	Solid State		
Transmission	— Type — 6-Speed Automatic Overdrive	6R60		
	— Low/High Gear Ratios	0.70:1 / 2.84:1		
Transfer Case	— Type — BW 44-06	Rotary Knob Control Trac 4WD Center Disconnect Mechanism		
	— Low/High Gear Ratios	1.00:1 / 2.64:1		
AXLES:				
2WD Front Axle	— Type	SLA — Coil Springs		
	— Make and Capacity	Ford — 3500 lbs.		
4WD Front Axle	— Type	SLA — Coil Springs		
	— Make and Capacity	Ford — 3700 lbs.		
Rear Axle	— Type	Ford — 4250 lbs.		
BRAKES:				
Front Disc	— Type	Dual Piston Pin Slider, Bolt-on Anchor Caliper		
	— Size	13 x 1.8" Diameter		
Rear Disc	— Type	Single Piston Pin Slider, Bolt-on Anchor Caliper		
	— Size	13.5 x 0.9" Diameter		
Power-Assist Unit	— Type	Dual-Diaphragm. Tandem Booster		
	— Effective Diameter	9.84"		
Anti-Lock System		4-Wheel ABS w/Quick Assist Booster		
Parking Brake (Rear Brakes)		Foot-Operated, Hand Release		
ELECTRICAL:				
Alternator	— Rating	6GIF — 150 Amperes, 2250 Watt		
Battery	— Type	Maintenance-Free (Battery Saver System Standard)		
	— Rating	72 Amp-hr., 650 CCA		

2009 Expedition and Expedition EL

EXPEDITION AND EXPEDITION EL

Seating Capacity and Standard Equipment Specifications cont'd

Model	EXPEDITION AND EXPEDITION EL	
FRAME:	— Type	Boxed, Front to Rear Axle — 6 Crossmembers (3 Boxed), 36,000 psi
	— Section Modulus	24.7 cu. in.
FUEL TANK:	— Capacity — Expedition	28.0 gal.
	— Capacity — Expedition EL	33.5 gal.
	— Location	Midship — Plastic Tank. Includes Inertia Fuel Pump Cut-off Switch
JACK:	— Capacity	1.5 Ton
STEERING:	— Make	Power, Ford XR-50 Recirculating Ball — Includes Power Steering Cooler.
	— Overall Ratio	20:1
	— Turning Diameter (Curb to Curb)	Expedition: 4x2 / 4x4 = 40.83 ft. Expedition EL: 4x2/4x4 = 43.93
SUSPENSION:		
Springs, Front	— Type: 2WD	Coil — 4" I/S Diameter; Computer Selected — 3500 lbs. @ Ground
	— Type: 4WD	Coil — 3700 lbs. @ Ground
Springs, Rear	— Type: 2WD/4WD	Coil — 7" O/S Diameter w/Outboard 4-link and Lateral Track Bar
	— Rating at Ground (Min.): 2WD	4250 lbs.
	— Rating at Ground (Min.): 4WD	4250 lbs.
Shock Absorbers	— Gas — Type	1.375"
Stabilizer Bars	— Front	Solid Steel 1.42" (36mm) Diameter
	— Rear	Solid Steel 0.71", 0.75", 0.83" (18, 19, 21mm) Diameter
TOW HOOKS:	— 4WD only	2 Front — Frame Mounted.
TIRES:	— No./Type	Five, Steel-Belted Radial, All-Season BSW (XLT 4x2 only) Five, Steel-Belted Radial, On-/Off-Road OWL (XLT 4x4 only) Five, Steel-Belted Radial, All-Season OWL (Limited)
	— Size	P265/70Rx17 (XLT 4x2 only) P265/70Rx17 (XLT 4x4 only) P255/70Rx18 (Limited)
WHEELS:	— Type	Steel, Aluminum (SSV) Aluminum (XLT) Machined Aluminum (Eddie Bauer) Chrome-clad Aluminum (Limited)
	— Size	17" x 7.5" 18" x 7.5"
	— Spare Tire	Located Underbody at Rear — Crank-down Type
WIRING HARNESS:	— Type	Trailer Tow Class III, 4-pin Wiring Harness

2009 Expedition and Expedition EL

Technical Specifications

Axle

FRONT AXLE SPECIFICATIONS

Model/Series	2WD	4WD
Make/Type	Ford SLA (Short/Long Arm) Independent Front Suspension	
Max. Rating @ Ground (lbs.)	3500	3700
Upper Control Arm — Material	Forged Steel	
Lower Control Arm — Material	Stamped High Strength Steel	
Spring — Type	Coil, Computer-selected	
Ball Joints	Lubed-for-Life	
Wheel Bearings — Type	Tapered Roller — GEN III	

REAR AXLE SPECIFICATIONS

Model/Series	2WD	4WD
Make	Ford Multi-Link	
Max. Rating @ Ground (lbs.)	4250	4250
Type	Independent Rear Suspension	
Housing — Type	Cast Center	
— Cover Attachment	Bolted	
Lubricant Capacity (pt.)	4.25	
Gears — Type	Hypoid	
— Material	Alloy Steel	
Ring Gear — Pitch Diameter (in.)	9.75	
Pinion — Mounting	Overhung	
Differential — Type	2-Pinion	
— Bearings	Tapered Roller	

Brakes

HYDRAULIC BRAKE EQUIPMENT SPECIFICATIONS — FRONT/REAR

Type	Axle Usage (lbs.)	Rotor Dia. (in.)		Brake Lining Segment	Area (sq. in.)/ Width (in.)/ Thickness (in.)	Caliper Piston Dia. (in.)/No.	Gross Lining Area Per Axle (sq. in.)	Total Swept Area Per Axle (sq. in.)
		OD	ID					
Disc Front	3500 — 2WD	13 x 1.18	8.22	Outboard	7.8 / 1.88 / .55	2.0 — 2	31.2	259.6
	3700 — 4WD			Inboard				
Disc Rear	4250 — 2WD	13.5 x 0.9	10.15	Outboard	4.2 / 1.65 / .55	2.0 — 1	16.0	238.1
	4250 — 4WD			Inboard				

BRAKE MASTER CYLINDER SPECIFICATIONS

Type	Bore Diameter (in.)
Dual System, Dash-mounted	1.12

POWER BRAKES VACUUM BOOSTER SPECIFICATIONS

Make/Type	Effective Diameter (in.)	Outside Diameter (in.)	Diaphragm Type
Conti-Teves, Dash-mounted	10.9	10.98	Dual

NOTE: Includes 4-wheel ABS System that functions in all driving modes.

2009 Expedition and Expedition EL

Technical Specifications cont'd

EXPEDITION AND EXPEDITION EL

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. qts.)	Fan Specifications		
				Height	Width	Thick				Type	No. of Blades	Blade Dia. (in.)
5.4L 3V (330) SEFI V8	Std.	Auto.	545	17.07	33.88	1.42	1	13.97	13	Nylon	11	19.4

AUXILIARY AUTOMATIC TRANSMISSION OIL COOLER APPLICATIONS

Model	Engine	Transmission	Standard	Trailer Towing Package Class IV
2WD or 4WD	5.4L 3V (330) SEFI V8	6R60	N	14

N = Auxiliary cooler not required or released for this engine/transmission/equipment combination.
14 = Long Manufacturing 14-plate auxiliary cooler.

Fuel System

FUEL SYSTEM DATA

Electronic Fuel Injection	All Engines	Sequential Multiport Fuel Injection
Fuel Pump	All Engines	Single Electric-In-Tank High Pressure
Fuel Filter	All Engines	In-Line Large Capacity (One)
Air Cleaner	All Engines	Dry Element, Replaceable

Steering

STEERING SPECIFICATIONS

Model/Series	Power Steering		Turning Diameter (ft.) ⁽¹⁾	
	Rack Speed	Overall Ratio	Curb-to-Curb	Wall-to-Wall
Expedition 4x2/4x4	43.2mm/Rev	20:1	40.83	42.16
Expedition EL 4x2/4x4	43.2mm/Rev	20:1	43.93	45.26

(1) Average of left and right turns using standard tires.

Suspensions

FRAME SPECIFICATIONS

Maximum Side Box Section (in.)	Section Modulus (cu. in.)	Yield Strength (psi)
2.4 x 7.9 x 0.1	24.7	36,000

SHOCK ABSORBER SPECIFICATIONS

Front			Rear		
No. Used	Piston Dia. (in.)	Type	No. Used	Piston Dia. (in.)	Type
2	1.375	Gas-Pressurized	2	1.375	Gas-Pressurized

SPRING SPECIFICATIONS — FRONT

Model/Series	Combined Rating @ Ground (lbs.)	Normal Working Height of Spring (in.)	Inside Diameter (in.)	Wire Diameter (in.)	Deflection Rate @ Ground (lbs. per in. each)
4x2	3500	10.78	4.0	0.767	698.96
4x4	3700	10.78	4.0	0.767	698.96

2009 Expedition and Expedition EL

Technical Specifications cont'd

Suspensions cont'd

SPRING SPECIFICATIONS — REAR COIL MULTI-LINK

Model/ Series	Wheelbase (in.) / Engine	Comb. Rating @ Ground GAWR / lbs.	Normal Working Height of Spring (in.)	Outside Diameter (in.)	Wire Diameter (in.)	Deflection Rate @ Ground (lbs. per in. each)	Rating Each @ Pad Design (lbs. per Spring)
4x2	119.0 w/5.4L V8	4250	9.67	7.0	.748	230/380	1824
4x4	119.0 w/5.4L V8	4250	9.97	7.0	.748	230/380	1824
4x2	131.0 w/5.4L V8	4250	9.67	7.0	.748	230/380	1824
4x4	131.0 w/5.4L V8	4250	9.97	7.0	.748	230/380	1824

Tires and Wheels

TIRE SPECIFICATIONS

Size	Rim Width (in.)	Section Width (in.)	Static Loaded Radius (in.)	Revolutions Per Mile @ 45 mph
P265/70R17SL A/S BSW	7.5	11.00	14.00	654
P265/70R17SL A/T OWL	7.5	11.00	14.00	654
P255/70R18SL A/S OWL	7.5	11.00	14.00	654
P275/55R20SL A/S BSW	8.5	11.00	14.00	654

WHEEL SPECIFICATIONS

Wheel Type	Wheel Size	Nominal Offset (mm)	No. of Studs	Bolt Circle (in.)	Max. Wheel Capacity Load (lbs. @ ground)
Painted Steel — Std. SSV (non-EL)	17" x 7.5"	44	6	5.31	2064
Cast Aluminum — Std. XLT (SSV, EL)	17" x 8.0"	44	6	5.31	2064
Machined Aluminum — Std. Eddie Bauer (non-EL)	17" x 8.0"	44	6	5.31	2100
Machined Aluminum — Opt. Eddie Bauer, std. EL Eddie Bauer, King Ranch	18" x 7.5"	44	6	5.31	2100
Chrome-clad Aluminum — Std. Limited, opt. XLT	18" x 7.5"	44	6	5.31	2100
Chrome-clad Aluminum — Opt. Eddie Bauer, Limited, King Ranch	20" x 8.5"	44	6	5.31	2100

Transfer Case

TRANSFER CASE SPECIFICATIONS

Make & Model	Borg Warner 44-06
Gear Ratio — High — Low	2.64:1 — 1.00:1
Case Material	Magnesium

2009 Expedition and Expedition EL

Technical Specifications cont'd

EXPEDITION AND EXPEDITION EL

AUTOMATIC TRANSMISSION SPECIFICATIONS

Make/Type	Ford 6-Speed Automatic Overdrive (6R60E)
Engine	5.4L 3V SEFI V8
Ratios (to 1):	
1st	4.17
2nd	2.34
3rd	1.52
4th	1.14
5th	0.86
6th	0.69
Reverse	3.40
Converter Size & Type	12" 145K (L370 Bypass Clutch)
Converter Stall Ratio	2.30
Lubricant Capacity (pt.)	24.0
Helical Gears	All
Oil Cooler	Water



2009 Expedition and Expedition EL

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