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## WHAT'S NEW

### This page is about:

- Key Messages
- Functional Changes
- Exterior Changes
- Option Changes
- Options Added

# 2009 Explorer

## What's New

### Overview

#### Key Messages

##### EXPLORER



- Explorer continues to present a broad product offering, including 18 unique arrays to appeal to customers with varying needs
- New XLT Sport Package
- Standard Safety Canopy® System provides protection for outboard passengers in side-impact and rollover events

#### Functional Changes

- SOS Post Crash Alert System is standard on all models and activates the horn and emergency flashers<sup>(1)</sup> in the event airbags are deployed
- Trailer Sway Control standard on all models

#### Exterior Changes

- Colors added:
  - Brilliant Silver Clearcoat Metallic (U1)
  - Dark Copper Clearcoat Metallic (T5)
  - Sangria Red Clearcoat Metallic (JV)
  - Sport Blue Clearcoat Metallic (U1)
- Colors deleted:
  - Dark Blue Pearl Clearcoat Metallic
  - Dark Cherry Clearcoat Metallic
  - Stone Green Clearcoat Metallic
  - Vapor Silver Clearcoat Metallic
- Luggage crossbars are standard on all models

#### Option Changes

- Voice-activated Navigation System with SIRIUS® Travel Link™ includes a 10 GB Music Jukebox and Park and Play features
  - SIRIUS Travel Link provides real-time traffic<sup>(2)</sup> and weather information, fuel pricing and sports updates and movie listings
    - 6-month subscription
- Rear cargo shade standard on XLT and Eddie Bauer (not available with third-row seats)
- Reverse Sensing System is standard on Limited and available in the XLT Convenience Package, XLT Fleet Package 2 and Eddie Bauer Convenience Package

- SIRIUS Satellite Radio with 6-month subscription standard on Eddie Bauer and Limited, optional on XLT
- Heated windshield no longer available
- Heated seats standard on Eddie Bauer
- Power third-row seat standard on Limited

#### Options Added

- Third-row Power Package available on Eddie Bauer includes:
  - Auxiliary climate control
  - Power third-row seat
  - Requires Eddie Bauer Convenience Package
- Eddie Bauer Convenience Package includes:
  - Universal garage door opener
  - Dual-zone Electronic Temperature Control
  - Heated exterior mirrors
  - Leather-trimmed, low-back sport buckets with heat, 10-way power driver (includes power lumbar, recline and memory), 6-way power passenger with manual lumbar
  - Power adjustable pedals with memory
  - Reverse Sensing System
- Sun and SYNC Value Package is available on XLT (requires XLT Convenience Package) and includes:
  - Moonroof with shade and mini overhead console
  - Ford SYNC® which includes electrochromic mirror and redundant controls

- XLT Appearance Package includes:
  - 17-inch machined aluminum wheels
  - P245/65R17 A/S OWL tires
  - Black running boards
  - Not available with XLT Sport Package
- XLT Convenience Package includes:
  - Automatic headlamps
  - Electrochromic auto-dimming rearview mirror
  - Message center (2-line with compass)
  - Power adjustable pedals (without memory)
  - Reverse Sensing System
  - Keyless Entry Keypad (SecuriCode™)
- XLT Sport Package available on XLT 4x2 or AWD models and includes:
  - 20-inch polished aluminum wheels
  - P255/50R20 A/S BSW tires
  - Body-color mirror caps
  - Headlamps with blackout treatment
  - Sport badge
  - Chrome exhaust tip
  - Black 3-bar grille with nostrils
  - Black accented step bar
  - Black fascia accent and wheel lips
  - All-weather floor mats
  - Charcoal Black environment with Charcoal Black seats
  - Circle Check film appliqué on center finish panel and door switch bezels
  - White-faced instrument cluster
  - Not available on XLT 4x4 models

#### Key Competitors

- **Jeep Grand Cherokee** is presented as the most capable SUV ever built
- **Chevrolet TrailBlazer** has a brand image of performance, versatility and tradition
- **Toyota 4Runner** is presented as tough, capable, comfortable and totally redesigned
- **Nissan Pathfinder** claims to provide the best balance of off-road and on-road capabilities and utility in the class

(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) Real-time traffic monitoring available in select markets. Some features may not be available when the vehicle is in motion.

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

# 2009 Explorer

## What's Important

WHAT'S IMPORTANT

This page is about:

Product Highlights

### Product Highlights

#### KEY EXPLORER FEATURES

**292-horsepower  
4.6L 3-valve SOHC  
V8 engine**  
(pgs. 9, 10)

**AdvanceTrac® with RSC®  
(Roll Stability Control™)**  
(pgs. 14, 15)

**Class-exclusive<sup>(1)</sup>  
Intelligent Safety System™**  
(pg. 14, 16, 17)

**6-speed automatic  
transmission**  
(pgs. 10, 11)



**Ford SYNC®**  
(pgs. 18, 22)

**Voice-activated  
Navigation System  
with SIRIUS Travel Link™**  
(pgs. 18, 22, 27)

**Independent  
rear suspension**  
(pgs. 9, 13)

#### **Quality/Reliability/Durability**

- Low levels of noise, vibration and harshness (NVH) throughout the vehicle for a remarkably quiet interior
- Stiff, fully boxed frame
- Frame is immersed in electrocoat primer for optimum corrosion protection
- Automatic transmission with 150,000-mile service interval<sup>(2)</sup>
- 6-year/105,000-mile engine coolant change interval<sup>(2)</sup>
- 5-year/60,000-mile Powertrain Limited Warranty and 24-Hour Roadside Assistance Program
- Battery Saver

#### **Performance/Handling**

- 292-horsepower 4.6L 3-valve SOHC V8 engine with 6-speed automatic transmission
- 210-horsepower 4.0L 2-valve SOHC V6 engine with 5-speed automatic transmission
- Short- and Long-Arm (SLA) front suspension with coil-over-shock design
- Independent rear suspension
- Control Trac® Four-wheel Drive System
- 7285-lb. maximum towing capacity
- Trailer Sway Control

#### **Safety/Security**

- Class-exclusive<sup>(1)</sup> Intelligent Safety System™
- Front-seat side airbags
- Safety Canopy® System with rollover sensor
- AdvanceTrac® with RSC® (Roll Stability Control™)
- Tire Pressure Monitoring System (TPMS)
- SOS Post Crash Alert System
- Four-wheel disc brakes with Anti-lock Braking System (ABS)
- Second-row LATCH child safety seat system

(1) Class is truck-based mid-size SUVs.

(2) Under normal driving conditions. See Owner's Guide for details.

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

#### **Comfort/Convenience**

- Class-exclusive<sup>(1)</sup> Easy Fuel™ capless fuel filler system
- Voice-activated Navigation System with SIRIUS® Travel Link™
- Ford SYNC®
- First-row bucket seats with 2-way adjustable head restraints, manual driver lumbar and manual recline
- 60/40 second-row seats
- Tip, Fold and Kneel second-row seats (with 7-passenger seating)
- PowerFold™ fold-flat third-row seat
- Quad Bucket Seating Group (includes second-row floor console)
- Front Dual-zone Electronic Temperature Control
- 6-disc in-dash CD/MP3 capable audio system
- Auxiliary audio input jack
- DVD Entertainment System with 8-inch screen
- Rear liftgate with flip-up window
- Reverse Sensing System
- Cargo Management System
- Power adjustable accelerator and brake pedals
- Power deployable running boards

#### **Design/Styling**

- XLT Sport Package
- Bold, athletic exterior styling
- Ergonomic and stylish interior
- 18- and 20-inch aluminum wheels

**MODEL LINEUP****This page is about:**

XLT

# 2009 Explorer

## 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 Explorer is available in 3 models:

- XLT (standard model)
- Eddie Bauer
- Limited

**XLT — Standard model****Performance/Handling**

- Axle ratio – 3.55, non-limited-slip
- Brakes – 4-wheel disc
- Engine – 4.0L SOHC 2V V6
- Fuel tank – 22.5-gallon
- Steering – rack-and-pinion
- Suspension – independent front and rear
- P235/70R16 A/S OWL tires
- Trailer Sway Control
- Trailer Tow Prep Package – Class II with 4-pin wire harness
- Transmission – 5-speed automatic

**Safety/Security**

- Adaptive energy-absorbing steering column
- AdvanceTrac® with RSC® (Roll Stability Control™)
- Airbags – adaptive driver and front passenger, front-seat side
- Anti-lock Braking System (ABS)
- Battery Saver
- Belt-Minder® System
- Front Passenger Sensing System
- Illuminated Entry System
- LATCH (Lower Anchors and Tethers for Children) System in outboard rear seats
- Remote keyless entry with 2 key fobs
- Safety Canopy® System
- Safety belts – Pretensioner/Energy Management System with adjustable height in first row
- SecuriLock® passive anti-theft system
- Security approach lamps
- SOS Post Crash Alert System
- Tire Pressure Monitoring System (TPMS)

**Quality/Reliability/Durability**

- Alternator – 130-amp
- Battery – maintenance-free (72 AH)
- Battery Saver

**Comfort/Convenience**

- Accessory delay for windows and audio
- Air conditioning – manual
- Audio – single CD/MP3 capable player, AM/FM radio with audio input jack (80 watts)
- Cargo management system
- Cargo shade (not included with third row)
- Center dome light
  - With map lights, first- and second-row
  - Rear cargo area
- Center floor console with shift handle
- Coat hooks – (4) color-keyed
- Console, large overhead
- Door locks – power
- Easy Fuel™ capless fuel filler system
- Floor mats, color-keyed, carpeted, front and rear
- Glove box, illuminated
- Grab handles – (1) at passenger seat, (2) in second row
- Jack and jack tools
- Loadfloor tie-down hooks (4)
- Message center – 2-line with outside temperature display
- Mirror – manual rearview day/night
- One-touch integrated start ignition switch
- Power points – (3) 12-volt, first-row (2) and second-row (1)
- Rear dome/map light, second row
- Seats, front – cloth low-back sport bucket seats, 2-way adjustable head restraint, 6-way power driver with manual lumbar and manual recline
- Seats, second row – 60/40 split-folding bench (with backrest recline when third-row seat is ordered)
- Steering wheel, color-keyed leather-wrapped with tilt column and audio/cruise controls
- Visors – color-keyed single-blade, covered vanity mirrors (illuminated)
- Windows, power with one-touch-down driver window
- Wipers – intermittent front and rear with speed-sensitive front

**Design/Styling**

- Antenna, fender-mounted, whip style
- Bumpers – body-color, front and rear
- Door handles – full-grip ergonomic, painted body-color
- Fog lamps
- Frame hider (NA on units with running boards or step bars)

- Glass – enhanced appearance, privacy glass
- Grille – chrome 4-bar
- Headlamps, dual-beam
- Liftgate – one piece with flip-open rear window
- Mirrors – power with security approach lamps and molded-in-color mirror caps
- Roof side rails – black with black end caps and crossbars
- Wheelip molding – painted body-color
- Wheels – 16-inch painted aluminum

**XLT Convenience Package**

- Autolamps
- Electrochromic auto-dimming rearview mirror
- Keyless Entry Keypad (SecuriCode™)
- Message center (2-line with compass)
- Power adjustable pedals without memory
- Reverse Sensing System

**XLT Appearance Package**

- 17-inch machined aluminum wheels
- P245/65R17 A/S OWL tires
- Black running boards
- Not available with XLT Sport Package

**XLT Sport Package**

- 20-inch polished aluminum wheels
- P255/50R20 A/S BSW tires
- Body-color mirror caps
- Headlamps with blackout treatment
- Sport badge
- Chrome exhaust tip
- Black 3-bar grille with nostrils
- Black accented step bar
- Black fascia accent and wheelips
- All-weather floor mats
- Charcoal Black environment with Charcoal Black seats
- Circle Check film appliqué on center finish panel and door switch bezels
- White-faced instrument cluster
- Available on 4x2 or AWD; not available on 4x4

**Sun and SYNC Value Package**

- Moonroof
- Ford SYNC®
- Requires XLT Convenience Package

**NOTE:** The above information is an excerpt from page 3 of the 6/23/08 Explorer Dealer Ordering Guide. For the latest Dealer Ordering Guide go to [fmcdealer.com](http://fmcdealer.com)

# 2009 Explorer

## Model Lineup cont'd

### MODEL LINEUP

This page is about:

Eddie Bauer

Limited

#### Eddie Bauer — All XLT content, plus:



#### Performance/Handling

- Tires — P245/65R17 A/S OWL

#### Safety/Security

- Automatic headlamps
- Keyless Entry Keypad (SecuriCode™)

#### Comfort/Convenience

- Leather-trimmed low-back sport buckets with heat, 10-way power driver (incl. power lumbar and recline), manual passenger seat recline with manual lumbar
- Message center — 4-line
- Mirror — electrochromic auto-dimming rearview
- Ford SYNC®
- SIRIUS® Satellite Radio

#### Design/Styling

- Accents — woodgrain
- Bumpers — painted two-tone (body-color/ accent color), front and rear
- Grille — chrome 3-bar with nostrils
- Mirrors — power with security approach lamps and body-color mirror caps
- Step bars — Pueblo Gold accent
- Wheelip molding — painted accent color
- Wheels — 17-inch painted aluminum

#### Eddie Bauer Convenience Package

- Driver's seat with 10-way power, including power lumbar, recline and memory; passenger seat comes with 6-way power and manual lumbar
- Dual-zone Electronic Temperature Control
- Power adjustable pedals with memory
- Heated exterior mirrors
- Universal garage door opener
- Reverse Sensing System

#### Third-row Power Package

- Power Third-row seats
- Auxiliary climate control

#### Limited — All Eddie Bauer content, plus:



#### Performance/Handling

- Tires — P235/65R18 A/S OWL

#### Comfort/Convenience

- Air Conditioning — Dual-zone Electronic Temperature Control
- Audio — Premium 6-disc in-dash with MP3 capable changer, audio input jack, subwoofer and AM/FM radio (290 watts)
- Auxiliary climate control
- Console, floor — high series with unique appearance for center finish, wrapped armrest
- Power adjustable pedals with memory
- Reverse Sensing System
- Seats:
  - Leather-trimmed, low-back sport buckets with heat, 10-way power driver (includes power lumbar, recline and memory), 6-way power passenger with manual lumbar
  - Third-row PowerFold™ 50-50 split bench, fold-flat
- Universal garage door opener

#### Design/Styling

- Accents — unique woodgrain
- Bumpers — painted body-color (front and rear)
- Grille — chrome 4-bar
- Mirrors — power with security approach lamps and chrome-color mirror caps with heat
- Roof side rails — chrome w/black end caps and crossbars
- Step bars — chrome accent
- Wheelip molding — painted body-color
- Wheels — 18-inch chrome-clad aluminum

**NOTE:** The above information is an excerpt from page 2 of the 6/23/08 Explorer Dealer Ordering Guide. For the latest Dealer Ordering Guide go to [fmcdealer.com](http://fmcdealer.com)

#### Ordering Made Easy

Ford has developed Fast Turn Orders (FTOs) based upon extensive analysis of dealer sales performance and the fastest turning vehicle configurations. Suggested FTOs are available within the Explorer Dealer Ordering Guide.

## MODEL LINEUP

This page is about:

Optional Equipment

# 2009 Explorer Model Lineup

## Optional Equipment

	XLT	Eddie Bauer	Limited
<b>Quality/Reliability/Durability</b>			
Skid Plate Package (only 4x4) (incl. skid plates on fuel tank and transfer case)	F	F	—
Trailer Towing Prep Package — Class III/IV	O	O	O
<b>Performance/Handling</b>			
Powertrain:			
4x2 RWD (Rear Wheel Drive)	Body Code	U63	U64
4.0L V6/5-speed automatic transmission	Order Code	120A	140A
4.6L 3V V8/6-speed automatic transmission	Order Code	125A	145A
4x4 (Control Trac® 4-Wheel Drive)	Body Code	U73	U74
4.0L V6/5-speed automatic transmission	Order Code	220A	240A
4.6L 3V V8/6-speed automatic transmission	Order Code	225A	245A
AWD one-speed TOD transfer case (requires 20-inch wheels)	Body Code	U83	U84
V6 with 5-speed automatic transmissions	Order Code	320A	340A
V8 with 6-speed automatic transmission	Order Code	325A	345A
Tires:			
P245/65R17 A/S OWL	P	S	—
P235/65R18 A/S OWL	—	O	S
P245/65R17 A/T BSW, H-rated	F (4x4)	—	—
P255/50R20 A/S BSW (Reqs. 4x2 or AWD)	P	O <sup>(1)</sup>	O
<b>Safety/Security</b>			
Daytime Running Lamps	F	F	F
<b>Comfort/Convenience</b>			
Third-row Power Package	—	O <sup>(1)</sup>	—
Audio/Entertainment/Navigation:			
Premium 190-watt AM/FM 6-CD In-Dash Changer w/subwoofer, MP3 player	O <sup>(2)</sup>	O <sup>(1)</sup>	S
DVD Entertainment System (req. third-row seats)	—	O	O
Auxiliary Climate Control (req. third-row seating)	O <sup>(2)</sup>	O/P	S
Cargo Shade — Rear (NA w/third-row seating)	S	S	—
Eddie Bauer Convenience Package	—	O	—
Engine Block Heater	F	F	F
Floor Mats — all-weather, rubber mats (NA w/XLT Sport Package)	O	O	O
Ford SYNC® — includes electrochromic mirror and redundant steering wheel controls	O <sup>(3)</sup> /P	S	S
Moonroof — power, w/shade (mini-overhead console)	P	O	O
Pedals — power adjustable w/memory (req. driver memory seat)	—	P	S
Pedals — power adjustable (NA w/driver memory seat)	P	—	—
Reverse Sensing System	P	P	S
Seats:			
Leather-trimmed low-back sport buckets with heat (10-way power driver, including power recline, power adjustable lumbar and manual passenger recline and lumbar support)	O <sup>(3)</sup>	S	—
Leather-trimmed low-back sport buckets w/Premium leather, heat and recline. Driver seat comes w/10-way power, including power lumbar, recline and memory. Passenger seat comes w/6-way power and manual lumbar	—	P	S
Second-row quad bucket seats (req. third-row seats)	—	—	O
Third-row seat — manual fold-flat (cloth — vinyl when ordered w/leather-trimmed seats)	O <sup>(2)</sup>	O	—
Third-row seat — PowerFold™ (vinyl when ordered w/leather-trimmed seats) (req. Auxiliary Climate Control)	—	P	S
Sun and SYNC Value Package	O <sup>(2)</sup>	—	—
Voice-activated Navigation System <sup>(4)</sup> with SIRIUS Travel Link™ (includes electrochromic mirror and redundant steering controls)	—	O <sup>(1)</sup>	O
XLT Convenience Package	O	—	—
<b>Design/Styling</b>			
License Plate Bracket	O	O	O
Running Boards (black)	P	—	—
Running Boards, Power — chrome (NA w/Step Bars)	—	—	O
Step Bars — Pueblo Gold accent color on Eddie Bauer, Black accent on XLT Sport Package	P	S	—
Step Bars — Chrome Accent	—	—	S
Wheels:			
17" machined aluminum wheels	P	—	—
18" chrome-clad aluminum wheels	—	O	S
20" polished aluminum wheels (req. 4x2 or AWD)	P	O <sup>(1)</sup>	O
XLT Appearance Package (NA w/Sport Package)	O <sup>(2)</sup>	—	—
XLT Sport Package (NA w/4 x 4; required with AWD)	O	—	—

S = Standard    O = Optional    P = Packaged Option    F = Fleet Option    — = Not Available

(1) Requires Eddie Bauer Convenience Package (non-Fleet).

(2) Requires XLT Convenience Package.

(3) Requires XLT Convenience Package (non-Fleet).

(4) Limited coverage in Alaska.

**NOTE:** The above information is an excerpt from page 6 of the 6/23/08 Explorer Dealer Ordering Guide.

For the latest Dealer Ordering Guide go to [fmcdealer.com](http://fmcdealer.com)

# 2009 Explorer

## Quality/Reliability/Durability

QUALITY/RELIABILITY/DURABILITY

This page is about:

Noise, Vibration and Harshness (NVH)

Durability

Easy Maintenance

Warranty

## Overview

### Key Messages

#### Explorer



- Body-on-frame construction with fully boxed frame provides a strong foundation
- Explorer is built to be quiet
- Easy maintenance with 90,000-mile spark plug maintenance interval, 6-month/7,500-mile oil change interval and 150,000-mile fluid/filter change interval for the transmission fluid<sup>(1)</sup>

### Key Features

#### Noise, Vibration and Harshness (NVH)

**Low noise, vibration and harshness (NVH)** characteristics are maintained with a variety of exterior and interior features that combine to give Explorer outstanding NVH characteristics. See the Engineering Insight below for more information.

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

**Fully boxed frame** is extremely rigid and helps contribute to the quiet ride, vehicle responsiveness and reduced vibration in the passenger compartment.

**Interior quietness** is maintained even on rough roads and on coarse surfaces.

#### Durability

**Battery Saver** automatically shuts off any interior lamps 10 minutes after the key has been turned to the OFF/LOCK position.

(1) Under normal driving conditions.

#### Easy Maintenance

- **Fail-safe cooling system** helps protect the 4.6L V8 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 front fenders to resist corrosion. The frame is also fully immersed in electrocoat primer for optimum corrosion protection.
- 6-month/7,500-mile oil change interval<sup>(1)</sup>
- 6-year/105,000-mile engine coolant change interval<sup>(1)</sup>
- 90,000-mile spark plug maintenance interval<sup>(1)</sup>
- 150,000-mile transmission fluid/filter maintenance interval<sup>(1)</sup>

#### Warranty

**5-year/60,000-mile Powertain Limited Warranty and 24-Hour Roadside Assistance** provide peace of mind.

### ENGINEERING INSIGHT: Explorer Quietness

A combination of features makes the Explorer one of the quietest SUVs in its class:

- Large exterior mirrors are streamlined to help reduce wind noise while still providing excellent visibility
- Carpet and headliner are made with advanced sound-deadening materials to help isolate outside noise
- Engine side dash insulator
- Engines and transmission are quiet and smooth
- Roof structure designed to help reduce body boom
- Climate control system is quiet yet efficient
- Two-piece driveshaft on 4x4 models and balanced aluminum driveshaft on 4x2 V8 models help reduce vibration

# 2009 Explorer

## Quality/Reliability/Durability

**This page is about:**

- Fully Boxed Frame
- Fail-safe Cooling System
- Powertrain Electronic Controller (PTEC)
- Warranty Details

### Long Lasting

#### Fully Boxed Frame

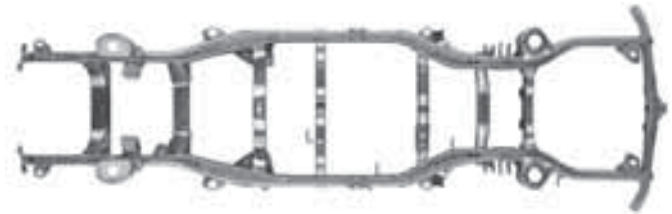
- Extremely rigid and helps contribute to the quiet ride, vehicle responsiveness and reduced vibration in the passenger compartment
- Stiff frame provides a solid base for the engine and suspension attachment points and body-mount brackets
- Soft rubber body mounts help isolate road impacts from the body
- Helps reduce steering-wheel vibration when driving on rough roads
- Contributes to reduced noise from impacts such as tar strips on the road

#### Fail-safe Cooling System

- Protects the 4.6L V8 engine from a loss of coolant or overheating condition
- 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

#### Powertrain Electronic Controller (PTEC) with On-Board Diagnostics System (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



### 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 Coverage
- 5-year/60,000-mile Safety Restraint

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

- Powertrain Limited Warranty for Ford vehicles is 5 years or 60,000 miles, whichever comes first
- That's an additional 2 years/24,000 miles of coverage for components such as the engine, transmission and front- and rear-wheel-drive parts beyond the vehicle's 3-year/36,000-mile Bumper-to-Bumper Limited Warranty
- Refer to the vehicle Warranty Guide for a complete list of all 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



# 2009 Explorer

## Performance/Handling

### PERFORMANCE/HANDLING

#### This page is about:

- 4.0L 2-valve SOHC V6 Engine
- 4.6L 3-valve SOHC V8 Engine
- Control Trac® Four-wheel Drive System
- Independent Front and Rear Suspension
- 7285-lb. Maximum Towing Capacity

## Overview

### Key Messages

#### Explorer



- Independent front and rear suspensions provide a smooth and responsive ride
- Customers can choose from a 4.0L V6 or 4.6L 3V V8 engine
- Explorer can tow up to 7285 lbs., properly equipped
- New Standard Trailer Sway Control helps maintain stability when towing

### Key Features

#### Powertrain

**4.0L 2-valve SOHC V6 engine** delivers 210 horsepower and 254 lb.-ft. of torque, and is mated to a 5-speed automatic transmission.



**4.6L 3-valve SOHC V8 engine** delivers 292 horsepower and 315 lb.-ft. of torque, includes a fail-safe cooling system and is mated to a smooth-shifting 6-speed automatic transmission.



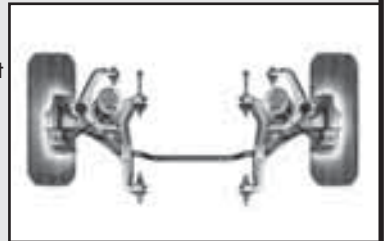
**Control Trac® four-wheel drive system** optimizes traction by transferring power to the appropriate wheels.

**All-Wheel Drive (AWD)** is available on all Explorer models with 20-inch wheels and helps maintain traction in a variety of driving conditions.

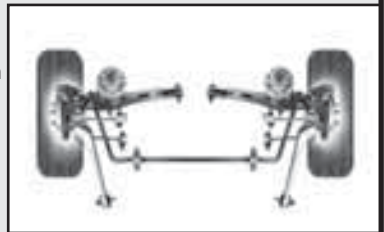


#### Suspension and Steering

**Independent front suspension** is a Short- and Long-Arm (SLA) design that provides a smooth ride over rough surfaces and excellent steering control.



**Independent rear suspension** is a trailing blade Short- and Long-Arm (SLA) design that helps isolate road irregularities for a smoother and more responsive ride.



**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

**7285-lb. maximum towing capacity** when properly equipped with the Class III/IV Trailer Towing Prep Package and 4.6L V8 engine.

**Trailer Sway Control** works with AdvanceTrac® with RSC® (Roll Stability Control™) to add an additional layer of confidence and control while towing a trailer.



## PERFORMANCE/HANDLING

### This page is about:

- 4.0L 2-valve SOHC V6 Engine
- 4.6L 3-valve SOHC V8 Engine
- Electronic Throttle Control
- Fail-safe Cooling System
- Powertrain Combinations

# 2009 Explorer

## Performance/Handling

### Powertrain

#### 4.0L 2-valve SOHC V6 Engine

- 210 horsepower @ 5100 rpm
- 254 lb.-ft. of torque @ 3700 rpm
- Advance design camshafts and spark plugs provide smooth idle, low noise, vibration and harshness (NVH) and clean emissions
- Electronic Throttle Control for smooth response to driver inputs
- Meets the Federal Tier 2 Bin 4 standards and qualifies for California Ultra Low Emissions Vehicle II (ULEV II) standard



#### 4.6L 3-valve SOHC V8 Engine

- 292 horsepower @ 5700 rpm
- 315 lb.-ft. of torque @ 4000 rpm
- 3 valves per cylinder for improved engine breathing
- Charge motion control valves and dual equal variable cam timing improve performance, reduce emissions and lower NVH
- Equal-length intake runners improve performance
- Electronic Throttle Control for smooth response to driver inputs
- Meets the Federal Tier 2 Bin 4 standards and qualifies for California Ultra Low Emissions Vehicle II (ULEV II) standard



#### Electronic Throttle Control

- Replaces the mechanical element of a throttle cable with fast-acting electronics
- Responds more accurately to the driver's acceleration demands
- Delivers better performance and superior acceleration during typical driving conditions
- Improves fuel economy and provides more intuitive cruise control

#### Fail-safe Cooling System

- 4.6L 3-valve SOHC V8 engine only
- Helps protect the engine from potential damage due to coolant loss
- If the engine overheats or there is a loss of coolant, the engine automatically switches from 8-cylinder operation to alternating 4-cylinder operation
- Air continues to pump through the cylinders to help cool the engine
- Vehicle operates at limited power, allowing the driver to travel a short distance to a service facility
- Distance traveled depends on outside temperature, road conditions and vehicle load

### Powertrain Combinations

Powertrain (Engine/Transmission)	Horsepower (SAE net @ rpm)	Torque (lb.-ft. @ rpm)
4.0L 2-valve SOHC V6 5-Speed Automatic	210 @ 5100	254 @ 3700
4.6L 3-valve SOHC V8 6-Speed Automatic	292 @ 5700	315 @ 4000

# 2009 Explorer

## Performance/Handling

### PERFORMANCE/HANDLING

#### This page is about:

- Transmissions
- Control Trac®
- All-Wheel Drive (AWD) System

## Powertrain cont'd

### 5-speed Automatic Transmission

- Provides smooth, efficient operation with no required maintenance under normal driving conditions

### 6-speed Automatic Transmission

- First-in-class, mated to the 4.6L 3-valve SOHC V8 engine
- More gears allow engine power to be more closely matched with the gears to provide better performance, smoother shifts and good fuel economy
- Consistent performance and outstanding durability
- Full electronic solenoid control of clutch elements for improved shift quality
- Internal shift control module
- Low levels of noise, vibration and harshness (NVH)

#### A CLOSER LOOK: Transmission Maintenance

Both automatic transmissions are filled at the factory with semisynthetic fluid and do not have a dipstick. Customers should not have to change the transmission fluid under normal driving conditions (up to 150,000 miles). This is a strong example of the durability and reliability of Explorer components.

### Control Trac® Four-wheel Drive System

- A push-button switch on the instrument panel allows the driver to choose 4x4 AUTO set-and-forget mode as well as 4x4 HIGH and 4x4 LOW modes that provide full-time four-wheel-drive capabilities

### All-Wheel Drive (AWD) System

- Fully automatic and requires no driver interaction
- AWD is considered full-time, since power is always going to all four wheels all the time
- Uses a center differential to normally deliver approximately 65 percent of engine torque to the rear wheels and 35 percent of the engine torque to the front wheels
- When the system senses a loss of traction, it redirects available engine torque to the wheels that have the most traction and away from the wheels that are slipping
- Once the spinning wheels have regained traction, AWD returns most of the torque to the rear axle
- Explorer AWD models require 20-inch polished aluminum wheels and P255/50R20 all-season BSW tires
- AWD System and the 20-inch wheels and tires are designed for and limited to on-road application and do not provide off-road capabilities

## PERFORMANCE/HANDLING

### This page is about:

- Standard Class II Trailer Towing Prep Package
- Class III/IV Trailer Towing Prep Package
- Towing Capability
- Trailer Sway Control
- Neutral Towing

# 2009 Explorer

## Performance/Handling

### Towing

#### Standard Class II Trailer Towing Prep Package

- Includes a hitch receiver and a 4-pin electrical connector
- Maximum standard towing capability of 3500 lbs.

#### Class III/IV Trailer Towing Prep Package

- Allows Explorer to tow up to 7285 lbs. (4.6L 3V V8 4x2)
- Includes trailer wiring harness, 7-pin and 4-pin connectors and frame-mounted hitch receiver
- 3.73 non-limited-slip axle included with Class III/IV Trailer Towing Prep Package with 4.0L 2V V6

#### Maximum Towing Capability with Trailer Towing Prep Package

Model	Engine	Maximum Towing Capacity
4x2 automatic	4.0L 2V V6	5375 lbs.
4x4 automatic	4.0L 2V V6	5205 lbs.
AWD automatic	4.0L 2V V6	5205 lbs.
4x2 automatic	4.6L 3V V8	7285 lbs. <sup>(1)</sup>
4x4 automatic	4.6L 3V V8	7115 lbs. <sup>(1)</sup>
AWD automatic	4.6L 3V V8	7115 lbs.

#### Trailer Sway Control

- Standard on all Explorer models
- Works with AdvanceTrac® with RSC® (Roll Stability Control™) to expand Explorer's dynamic stability control capabilities, adding an additional layer of confidence and control while towing a trailer
- AdvanceTrac with RSC control module incorporates additional software to monitor the truck's performance while towing
- Software measures the yaw motion of the truck to determine if the trailer is swaying and then responds to eliminate the sway condition by reducing engine power and/or applying brake pressure to certain wheels to help the driver regain control of the trailer

### Neutral Towing

Customers may ask if they can tow their factory-equipped vehicles with all four wheels on the ground. Referred to as Neutral Towing, this procedure is popular with vacationers who own recreational vehicles and like to take a second vehicle with them when they travel. The quick-reference chart will help answer whether or not Explorer can be neutral towed; however, be sure to consult the individual vehicle Owner's Guide for specific towing methods or restrictions.

Explorer	Can It Be Neutral Towed?
4x2/AWD	No
4x4	Yes, with dealer-installed neutral tow kit installed

**NOTE:** Different vehicles have different restrictions and procedures for recreational and emergency towing. Consult the RV & Trailer Towing Guide and the individual vehicle Owner's Guide for specific towing procedures and restrictions.

(1) Deduct 500 lbs. with auxiliary climate control.

# 2009 Explorer

## Performance/Handling

### PERFORMANCE/HANDLING

#### This page is about:

- Fully Boxed Frame
- Independent Front and Rear Suspensions
- Rack-and-pinion Steering
- Four-wheel Disc Brakes
- All-season Tires
- Confident Ride

## Ride and Handling

### Fully Boxed Frame

- Provides overall vehicle rigidity and responsiveness
- Stiff frame, attachment points and body mount brackets
- Specifically tuned body mounts for better isolation into body

### Independent Front Suspension

- Short- and Long-Arm (SLA) coil-over-shock design
- Coil springs rest directly on top of the shock absorber
- Helps minimize rough-road steering column shake and ride harshness

### Independent Rear Suspension

- Independent trailing blade rear suspension uses a Short- and Long-Arm (SLA) coil-over-shock design to achieve a smooth, responsive ride
- Rear shock absorbers offer more damping to reduce suspension bounce for improved overall handling
- Packaging the independent rear suspension with the patented "porthole-in-frame" design allows Explorer to offer a third-row seat with plenty of head room and a low loadfloor height
- Independent rear suspension helps maximize tire-to-pavement contact, communicates important steering feedback to the driver, and provides more ground clearance for greater off-road capability

### Rack-and-pinion Steering

- Includes variable power assist
- Provides improved maneuverability with maximum assist at low speeds, such as when parking
- Decreases assist at higher speeds for improved road feel

### Four-wheel Disc Brakes

- Provide excellent braking performance
- Electronic Brake Force Distribution (EBD) optimizes and varies front-to-rear braking force under varying vehicle loads and pavement surfaces
- Include Anti-lock Braking System (ABS)
- Resistant to brake fade

### All-season Tires

- Provide excellent traction and handling benefits
- Available tires include:
  - P235/70R16 OWL all-season tires on XLT
  - P245/65R17 OWL all-season tires on XLT or Eddie Bauer
  - P235/65R18 OWL all-season tires optional on Eddie Bauer, standard on Limited
  - P255/50R20 all-season tires available on XLT, Eddie Bauer and Limited

### ENGINEERING INSIGHT: Working Together for a Confident Ride

Explorer's four-wheel independent suspension and fully boxed frame work together with a number of other features to give Explorer drivers an exceptional feeling of confidence and control:

- Independent front and rear suspension
- AdvanceTrac® with RSC® (Roll Stability Control™) helps provide vehicle stability for cornering, changing lanes and emergency maneuvers

- Low steering effort
- Stiffness of attachment points
- Stiff, fully boxed frame allows use of softer bushings that isolate the body from the frame for a smooth ride
- Large brakes help contribute to high GVWR

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

# 2009 Explorer

## Safety/Security

### Overview

#### Key Messages

##### Explorer



- Class-exclusive Intelligent Safety System™ provides crash protection through a complex network of sensors and restraint components
- Intelligent Safety System allows for greater flexibility in occupant crash protection, under a variety of situations
- Intelligent Safety System builds on the Personal Safety System® and is designed to help Explorer meet all known U.S. Government frontal and side-impact crash test requirements through the 2010 model year

#### Key Features

##### Accident Avoidance Features

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

**Trailer Sway Control** works with AdvanceTrac with RSC (Roll Stability Control) to add an additional layer of confidence and control while towing a trailer.

**All-Speed Traction Control** is included with AdvanceTrac and helps provide control by limiting wheel spin to maximize available traction.

**Anti-lock Braking System (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.

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

##### Occupant Protection Features

**Class-exclusive<sup>(1)</sup> Intelligent Safety System™** uses information from a suite of vehicle sensors to determine crash severity and occupant size, position and safety belt status. The information is processed to determine appropriate restraint system settings for the advanced safety features, enabling them to work together to provide optimized occupant protection.

**Safety Canopy® System with Rollover Sensor** deploys side curtain airbags for first- and second-row outboard seating occupants in side-impact and rollover situations.

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

**Energy-absorbing materials** help protect in the event of a side impact.

**Push/pull window switches** prevent accidental window closures.

**3-point safety belts** for all seating positions.

**Belt-Minder® System** chimes and flashes the safety belt warning light if the driver or front passenger is unbelted and the vehicle reaches 3 mph.

(1) Class is truck-based mid-size SUVs.

(2) 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.

##### Child Safety Features

**LATCH (Lower Anchors and Tethers for Children) System** 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 Features

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

**SecuriCode™ Keyless Entry Keypad** lets the driver unlock the doors and the liftgate by simply using the numbered keypad on the driver's door and a programmable 5-digit code. Pressing the 7/8 and 9/0 buttons at the same time locks the vehicle.

**Security approach lamps** are located in the exterior mirrors and provide wheel-to-wheel illumination when the remote unlock feature is used or a door handle is pulled.

**SOS Post Crash Alert System** activates the hazard flashers and sounds the horn after a crash where the airbags deploy.<sup>2)</sup> 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.

##### Government's Highest Safety Score

The 2008 Explorer received the government's highest possible safety rating of five stars in both the driver and front passenger frontal and front- and rear-seat side-impact crash tests as conducted by the National Highway Traffic Safety Administration (NHTSA) as part of their New Car Assessment Program (NCAP).

##### Insurance Institute for Highway Safety (IIHS)

The Insurance Institute for Highway Safety (IIHS) has awarded the 2008 Explorer a rating of "Good" in their frontal offset crash tests. This is the highest vehicle rating for this specific test.

The 2009 Explorer has not yet been tested by the NHTSA nor the IIHS, but it is expected to receive the highest possible ratings from both.

## Accident Avoidance



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

- AdvanceTrac with RSC is standard on all Explorer models — a segment first
- An electronic stability control system that helps 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

### Roll Stability Control (RSC)

- RSC is an additional vehicle control software module
- Builds on the 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

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

### A CLOSER LOOK: 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



- Tire Pressure Monitoring System (TPMS)
- Class-exclusive Intelligent Safety System™

# 2009 Explorer



## Safety/Security

### Accident Avoidance (cont'd)

#### Tire Pressure Monitoring System (TPMS)

- TPMS uses a tire pressure sensor mounted to a metal band and banded in the wheel's drop well
- 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 and uses a standard rubber valve stem
- Can be used on steel or aluminum road wheels; not used on spare tires
- Replacing the tire can be easily done without removing the sensor
- TPMS provides a more accurate tire pressure reading because it measures actual tire pressure as opposed to wheel speed like the Low Tire Warning System
- 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
- Properly inflated tires help optimize fuel economy and add to a smooth ride
- Recommended tire pressure label is on the driver's door B-pillar

#### ENGINEERING INSIGHT: TPMS Warning Light

Low Tire Warning Light	Customer Action Required
<b>Solid Warning Light</b> 	<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"> <li>• 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</li> <li>• If the light remains on even after these steps have been taken, have the system inspected by the dealership Service Department</li> </ul> <p><b>NOTE:</b> If the outside overnight temperature is significantly lower than the daytime temperature, tire pressure may decrease 1 psi for every 10 degrees F in temperature change. 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>
<b>Flashing Warning Light</b> 	<ul style="list-style-type: none"> <li>• 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</li> <li>• 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</li> <li>• See the vehicle Owner's Guide for more information</li> </ul>

### Occupant Protection

#### Class-exclusive<sup>(1)</sup> Intelligent Safety System™

##### Enhanced Restraint Control Module (RCM)

- Determines the setting and deployment of each adaptive restraint device, based on occupant position, classification, safety belt usage and crash severity
- Mounted at the center tunnel of the vehicle
- A complex computer, the RCM, processes an expanded array of sensor input signals
- It then determines the appropriate levels of protection by tailoring the adaptive restraints
- A front crash sensor on the vehicle's front frame structure provides enhanced crash severity information

(1) Class is truck-based mid-size SUVs.

##### Adaptive Multi-load-limiting Safety Belt Retractors

- Allow for multiple levels of load limiting across the occupant's chest by using an electronically controlled mechanism
- Determine resistance level by the crash severity, driver's-seat position and passenger's weight class
- Conventional load-limiting retractors provide only one level of occupant energy management

##### Adaptive Airbag Venting (driver and front passenger)

- Diverts gas from the airbag when a less forceful bag is sufficient to help provide occupant protection
- Helps balance the unbelted vs. belted requirements of new federal regulations
- Venting is determined by driver's-seat position, passenger's weight class, safety belt usage and crash severity

##### Adaptive Passenger Airbag Tether

- Controls the size and shape of the airbag cushion

# 2009 Explorer

## Safety/Security

### SAFETY/SECURITY

#### This page is about:

- Class-exclusive Intelligent Safety System™
- Front-seat Side Airbags
- Safety Canopy® System with Rollover Sensor
- LATCH System
- SecuriLock® Passive Anti-theft System
- Perimeter Anti-theft System

## Occupant Protection cont'd

### Class-exclusive<sup>(1)</sup> Intelligent Safety System™ cont'd

#### Adaptive Steering Column

- Allows two levels of resistance load
- Steering column energy absorption is determined by driver's-seat position and safety belt usage

#### Driver's-seat Track Position Sensor

- Monitors driver's-seat position and helps to determine airbag inflation, airbag venting, safety belt resistance level and steering column energy absorption setting
- Helps enhance occupant protection in a crash
- Helps minimize injury in the event of an out-of-position occupant

#### Front Passenger Sensing System — Five-level

- Incorporated into the structure of the passenger's seat
- Identifies five different stages of occupant classification:
  - Empty seat
  - Child presence
  - Small adult presence
  - Medium adult presence
  - Large adult presence

#### Front-seat Side Airbags

- Standard on all models
- Protect outboard front-seat occupants in the event of a side-impact collision
- Deploy from the side of the seatback bolsters so that they inflate to help provide maximum protection, no matter how far forward or backward the seat is positioned

### Safety Canopy® System with Rollover Sensor

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

### Energy-absorbing Materials

- Help protect passengers in the event of a side impact
- Side-impact energy management door foam
- Ergonomic door trim panel design and fingertip door opening handle with no hard or sharp surfaces

### Autolock

- Locks the doors, liftgate and liftgate window when all doors are closed and the vehicle reaches a speed of 12 mph
- Ignition must be in the On position and vehicle in gear for system to function

## Child Safety

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

- Consists of a top tether anchor point and two rigid bars located where the seat cushion meets the seatback
- LATCH provisions are for the outboard second-row seating positions
- 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 uniform installation method to help reduce the likelihood of an improper child safety seat installation

## Personal Security

### SecuriLock® Passive Anti-theft System

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

### Perimeter Anti-theft System

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

### 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

(1) Class is truck-based mid-size SUVs.

## COMFORT/CONVENIENCE

### This page is about:

- Articulating Head Restraints
- PowerFold™ 50/50 Third-row Seat
- Ford SYNC®
- Voice-activated Navigation System with SIRIUS Travel Link™
- Power Adjustable Accelerator and Brake Pedals
- Class-exclusive Easy Fuel™ Capless Fuel Filler System

# 2009 Explorer

## Comfort/Convenience

## Overview

### Key Messages

#### Explorer



- Explorer seats up to 7 adults with second- and third-row bench seats
- New class-exclusive<sup>(1)</sup> Easy Fuel™ capless fuel filler system eliminates the need for a fuel cap for quicker and easier fuel filling
- New Voice-activated Navigation System with SIRIUS Travel Link™ includes a 10 GB Music Jukebox

### Key Features

#### Seating

**Articulating head restraints** on second-row seats are easily adjustable and can be moved out of the way when not in use to improve rearward visibility for the driver.



**PowerFold™ 50/50 third-row seat** allows either or both seatbacks to fold flat to the floor at the touch of one or both control buttons.



#### Interior

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

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

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

#### Exterior

**Class-exclusive<sup>(1)</sup> 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.



**Reverse Sensing System** includes Radar Backup Aid and sounds warning tones when an object is detected behind the vehicle.



**Power deployable running boards** extend outward when the doors are opened to offer the driver and passengers a leg up into Explorer's comfortable interior. The running boards retract when the doors are closed.



(1) Class is truck-based mid-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) Real-time traffic monitoring available in select markets. Some features may not be available when vehicle is in motion. SIRIUS is a registered trademark of SIRIUS Satellite Radio, Inc.

# 2009 Explorer

## Comfort/Convenience

COMFORT/CONVENIENCE

This page is about:

Seating Comfort  
First Row  
Second Row  
Third Row

## 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



### First Row

- Standard adjustable lumbar driver's seat
- 10-way power driver's seat with power recline is standard with leather-trimmed seats
- Heated leather-trimmed seating surfaces:
  - Standard on Limited, included in Eddie Bauer Convenience Package and XLT (requires XLT Convenience Package)
- Seat track travel designed to accommodate people of large or small stature
- Finding the optimal driving position is made easy with the following features:
  - Available 10-way power driver's seat
  - Tilt steering wheel
  - Available power adjustable accelerator and brake pedals
  - Added convenience with adjustable pedal memory feature included in Eddie Bauer Convenience Package and standard on Limited

### Second Row

- Second-row seats provide a reclining seatback and fold completely flat to the floor when the optional third-row seat is ordered
- Tip, Fold and Kneel feature makes access to the third row easier and provides outstanding cargo floor flatness
- Provides third-row access from both sides of the vehicle
- Articulating head restraints fold out of the way to improve rear vision when seat is empty
- 3-point safety belts in all three seating positions
- Three available seating configurations:
  - 5-passenger (2 front-row bucket seats, 60/40 3-passenger second-row bench seat)
  - 7-passenger (2 front-row bucket seats, 60/40 3-passenger second-row bench seat, 50/50 2-passenger third-row bench seat)
  - 6-passenger (2 front-row bucket seats, 2 second-row bucket seats with floor console, 50/50 2-passenger third-row bench seat)

### Third Row

- 50/50 split bench design improves cargo flexibility
- Ergonomic release handles improve ease of use (manual fold-flat)
- Creates a flat loadfloor when folded
- Third-row fold-flat seat is optional on XLT and Eddie Bauer; PowerFold™ third-row seat is standard on Limited
- Available PowerFold seat features two buttons on the driver-side rear quarter interior panel that control half of the seat for passenger- and cargo-carrying versatility



**NOTE: Operating the tumble feature for the 7-passenger configuration.** The 7-passenger Explorer has second-row seats with two-stage mechanisms for folding down seatback and tumbling seat forward for easy entry to third row. Customers should be aware of the seat operation to avoid damage to the mechanism or release lever. Please refer to the **eSourceBook** for additional operation information.

# 2009 Explorer

## Comfort/Convenience

### This page is about:

- Auxiliary Climate Control
- Power Adjustable Pedals
- Cargo Management System
- One-touch-down Driver's Window
- Front Dual-zone Electronic Temperature Control
- Instrument Panel and Instrument Cluster

## Interior Features

### Auxiliary Climate Control

- Provides additional heating and cooling components and rear vents for second- and third-row comfort
- Auxiliary controls are located in the overhead console, accessible to the driver or front passenger
- Requires third-row seat, optional on XLT (requires XLT Convenience Package), optional on Eddie Bauer and standard on Limited

### Power Adjustable Accelerator and Brake Pedals

- Allow Explorer drivers to adjust the pedals within a 3-inch range, for a comfortable driving position. Power adjustable pedals without memory are optional on XLT (included in the XLT Convenience Package); pedals with memory are included in Eddie Bauer Convenience Package and standard on Limited

### Cargo Management System

- Provides storage beneath the rear cargo floor for the jack and related tools. The system also allows out-of-the-way storage of emergency items. The front and rear cargo management compartments have hinged, removable lids for optimum flexibility and convenience (Vehicles with the third-row seat have a rear compartment only)

### One-touch-down Driver's Window

- The driver's window can be fully lowered by fully depressing the switch without holding it

### One-touch Integrated Start Ignition Switch

- Computer-assisted cranking system helps in starting the engine
- Once the ignition switch is turned to the START position, the Powertrain Control Module (PCM) takes control of starter engagement

### Front Dual-zone Electronic Temperature Control

- Allows different temperature settings for the driver and front passenger. The system automatically sets the blower speed and displays desired temperature set points

### Instrument Panel and Instrument Cluster

- Easy-to-read gauges and easy-to-use switches and controls. All primary controls are within the driver's reach. The message center is centered in the cluster

### Cargo Area

- 85.8 cubic feet of cargo area behind the front seats with the second-row seats folded flat (83.7 cubic feet with the standard second- and third-row seat also folded down — 7-passenger model)

## Interior Packages/Groups

### Third-row Power Package (96P)

- Available on Eddie Bauer
- Requires Eddie Bauer Convenience Package
- Includes:
  - Auxiliary climate control
  - Power third-row seat

### Eddie Bauer Convenience Package (96E)

- Available on Eddie Bauer
- Includes:
  - Universal garage door opener
  - Dual-zone Electronic Temperature Control
  - Heated exterior mirrors
  - Leather-trimmed, low-back sport buckets with heat, 10-way power driver (includes power lumbar, recline and memory), 6-way power passenger with manual lumbar
  - Power adjustable pedals with memory
  - Reverse Sensing System

### Quad Bucket Seating (17Q)

- Optional on Limited
- Includes:
  - Second-row sport bucket seats
  - Second-row floor console

### Sun and SYNC Value Package (52S)

- Available on XLT (requires XLT Convenience Package)
- Moonroof with shade and mini overhead console
- Ford SYNC® which includes electrochromic mirror and redundant controls

### XLT Convenience Package (96C)

- Available on XLT
- Includes:
  - Automatic headlamps
  - Electrochromic auto-dimming mirror
  - Message center (2-line with compass)
  - Power adjustable pedals (without memory)
  - Reverse Sensing System
  - SecuriCode™ Keyless Entry Keypad

# 2009 Explorer

## Comfort/Convenience

### COMFORT/CONVENIENCE

#### This page is about:

- Accessory Delay
- Autolamp Feature
- Heated Front Seats
- Steering-wheel Audio and Cruise Controls
- Reverse Sensing System
- Rear Liftgate with Flip-open Window

## Additional Features

Feature	Benefit
Accessory Delay	Provides power to the radio and windows for up to 10 minutes after the ignition is turned off
Autolamp Feature	Automatically turns headlamps on for low-light or nighttime driving and turns them off during bright daylight
Heated Front Seats	Cold-weather comfort for all leather-trimmed front seats
Steering-wheel Audio and Cruise Controls	For easy accessibility and convenience

## Exterior Features

### Reverse Sensing System

- Includes Radar Backup Aid which alerts the driver to certain objects up to 6 feet behind the vehicle during parallel parking situations or when backing up slowly
- System is activated through sensors located behind the rear bumper. Available in the XLT Convenience Package and the Eddie Bauer Convenience Package, standard on Limited

### Rear Liftgate with Flip-open Window

- Flip-open window makes it easier to load up the cargo area without opening the entire liftgate
- Liftgate is designed to be easy to close

### Power Deployable Running Boards

- Running boards are retracted when the doors are closed. When retracted, only the edge of the board is exposed, which adds to the design
- When the doors are opened, the running boards extend outward to offer the driver and passengers a leg up into Explorer's comfortable interior

### 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 designed 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. Easy Fuel is more than just the convenience of "no more messy gas cap" to twist on and off, it's also an environmentally friendly feature. 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.

## 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 Explorer

## Comfort/Convenience

## Audio/Navigation/Entertainment

### Audio Systems

- MP3 capable
- Satellite Digital Audio Receiver System (SDARS) capable
- AM/FM stereo with single-disc CD
- Premium AM/FM stereo with 6-disc in-dash CD player
- Auxiliary audio input jack
- 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<sup>(1)</sup> subject to location and availability
- See page 28 for more information

### DVD Entertainment System

- 8-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
- Requires third-row seat
- See page 28 for more information

### Ford SYNC®

Ford and Microsoft have teamed up to develop Ford SYNC.<sup>(2)</sup> This exclusive technology will change the way customers use their digital media and Bluetooth<sup>(3)</sup> 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 a 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](http://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 with storage and access to around 2,400 songs
- Integrated climate control functions
- Fast route calculations, zooming, scrolling and route previews
- Audible guidance feature that announces upcoming maneuver with specific street names
- Capable of playing DVD-based movies while vehicle is in Park
- Includes a single-disc version of the Premium Sound System, electrochromic auto-dimming rearview mirror and redundant steering controls
- See page 27 for more information

### SIRIUS Travel Link<sup>(2, 4)</sup>

- Real-time traffic updates every 2.5 minutes and includes automatic rerouting capability
- Real-time 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<sup>(1)</sup>
- 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 when vehicle is in motion. SIRIUS is a registered trademark of SIRIUS Satellite Radio, Inc.

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

# 2009 Explorer

## Design/Styling

DESIGN/STYLING

This page is about:

Exterior Styling —  
Interior Styling —

## Overview

### Key Messages

#### Explorer



- Ford Explorer created the SUV segment and has been among the sales leaders since its introduction
- New XLT Sport Package takes Explorer's bold athletic styling to another level with 20-inch polished aluminum wheels and distinctive exterior and interior treatments
- The interior is stylish, ergonomic and equipped to provide the ultimate SUV experience
- Explorer offers three distinct models — XLT, Eddie Bauer and Limited

### Key Features

#### Exterior Styling

**New XLT Sport Package** provides the customer a distinctive appearance with 20-inch polished aluminum wheels, headlamps with blackout treatment, and black trim. See page 25 for more information.

**Bold, athletic styling features** include chrome 3-bar or 4-bar grille with chrome surround, large headlamp design with integrated turn signals, rectangular fog lamps and smooth front and rear bumpers and fascias that flow into the side cladding design.

**Smooth appearance** is maintained with a frame hider on models without running boards or step bars and no tow hooks to clutter the front-end design.

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

**Aerodynamic exterior mirror design** provides a large glass area for excellent visibility with very low wind noise.

**Full-grip door handles** for the doors and liftgate are easier to grab and use.

**Raised power dome hood** contributes to Explorer's bold stance.

**Prominent wheel lip moldings** complement the wheel designs.

**Distinctive aluminum wheel designs** distinguish each trim level.

#### Interior Styling

**New XLT Sport Package** includes a Charcoal Black interior environment and white-faced instrument cluster. See page 25 for more information.

**Ergonomic and stylish interior** provides seating for up to 7 passengers, multiple seating configurations and a variety of seat materials.



**This page is about:**

- Explorer XLT
- Explorer Eddie Bauer
- Explorer Limited
- Aluminum Wheels

# 2009 Explorer

## Design/Styling

### Exterior Differentiation

#### Explorer XLT

- Body-color front and rear bumpers
- Body-color wheelip moldings
- Body-color door handles
- Foldaway, power mirrors with security approach lamps molded-in-color black
- Chrome 4-bar grille
- Black roof side rails with black end caps and crossbars
- 16-inch painted aluminum wheels
- Black frame hider

#### Explorer Eddie Bauer

- Pueblo Gold front and rear bumpers
- Pueblo Gold wheelip moldings
- Foldaway, power mirrors with security approach lamps and body-color mirror caps
- Chrome 3-bar grille with nostrils
- Pueblo Gold accented step bars
- 17-inch painted aluminum wheels

#### Explorer Limited

- Body-color front and rear bumpers
- Body-color wheelip moldings
- Foldaway, power mirrors with security approach lamps and chrome-color mirror caps
- Chrome 4-bar grille
- Chrome-accented step bars
- Chrome roof side rails with black end caps
- 18-inch chrome-clad aluminum wheels



Exterior Design Feature	Explorer XLT	Explorer Eddie Bauer	Explorer Limited
Aluminum wheels	16" painted	17" painted	18" chrome-clad
Chrome grille	4-bar	3-bar w/nostrils	4-bar
Door handles	Body-color	Body-color	Body-color
Fog lamps	Square	Square	Square
Front and rear bumpers	Body-color	Pueblo Gold	Body-color
Power foldaway mirrors with security approach lamps	Molded-in-color black	Body-color mirror caps	Chrome-color mirror caps
Roof side rails/end caps/crossbars	Black/Black	Black/Black	Chrome/Black
Step bars (running boards on XLT)	Black (available)	Pueblo Gold accents	Chrome accents
Wheelip moldings	Body-color	Pueblo Gold	Body-color

#### Aluminum Wheels

- Provide exterior differentiation as well as athletic, rugged style
- Available wheels include:
  - 16-inch painted aluminum wheels standard on XLT
  - 17-inch machined aluminum wheels on XLT
  - 17-inch painted aluminum wheels standard on Eddie Bauer
  - 18-inch chrome-clad aluminum wheels standard on Limited, available on Eddie Bauer
  - 20-inch polished aluminum wheels available on XLT, XLT Sport Package, Eddie Bauer and Limited (requires 4x2 or AWD)

# 2009 Explorer

## Design/Styling

### DESIGN/STYLING

#### This page is about:

- Trailer Towing Prep Package —
- XLT Appearance Package —
- XLT Sport Package —

## Packages and Groups

### Trailer Towing Prep Package — Class III/IV (53G)

- Optional on all models and includes:
  - 3.73 non-limited-slip axle included with 4.0L V6
  - 7-pin and 4-pin trailer wiring connectors
  - Engine oil cooler (NA with 4.6L V8)
  - Frame-mounted hitch receiver
  - Maximum trailer weight of 7285 lbs. (4.6L 3V V8 4x2)

### XLT Appearance Package (96A)

- Not available with XLT Sport Package and includes:
  - 17-inch machined aluminum wheels
  - P245/65R17 A/S OWL tires
  - Black running boards

### XLT Sport Package (47S)

- Available only on 4x2 or AWD, not available on 4x4
- Includes:
  - 20-inch polished aluminum wheels
  - P255/50R20 A/S BSW tires
  - Body-color mirror caps
  - Headlamps with blackout treatment
  - Sport badge
  - Chrome exhaust tip
  - Black 3-bar grille with nostrils
  - Black accented step bar
  - Black fascia accent and wheel lips
  - All-weather floor mats
  - Charcoal Black environment with Charcoal Black seats
  - Circle Check film appliqué on center finish panel and door switch bezels
  - White-faced instrument cluster

# 2009 Explorer

## Audio/Navigation/Entertainment

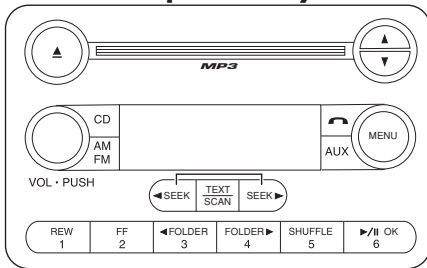
**This page is about:**

- 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

**All Explorer Audio Systems Include**

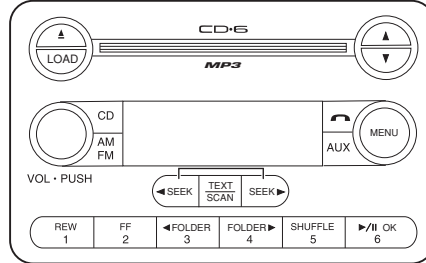
- MP3 capability
- Satellite Digital Audio Receiver System (SDARS) capability
- Auxiliary audio input jack
- Station Memory Presets — 12 FM/6 AM
- Autoset (AST) automatically located 6 strongest AM or FM stations
- Digital clock

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



- 80 watts of power
- 4 speakers
- **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**, when enabled during CD mode, allows the audio dynamic range to be compressed so quieter music is boosted and louder music is lowered to compensate for ambient noise level
- **Repeat**, when enabled during CD mode, will play the selected track continuously until Repeat is deactivated
- Automatic disc storage

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



- 190 watts
- 7 speakers, including subwoofer and 2 tweeters
- **RDS (Radio Data System) function** when selected, allows the following:
  - Only for FM radio stations supporting RDS capability
  - Radio station call letters appear on radio display
  - Type of music format appears on radio display
  - Search for type of music format
  - Traffic information broadcasts
- **Occupancy setting** allows for one of three vehicle acoustic settings to be chosen
- 10-second anti-skip buffer

**Auxiliary Audio Input Jack**

- Standard with all audio systems
- Allows the use of portable MP3 players



**For More Audio Information**

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

# 2009 Explorer

## 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 or replaces features of the Premium AM/FM stereo 6-disc in-dash CD/MP3 capable changer plus:

- **Voice activation** recognizes certain voice commands to operate the system hands-free<sup>(1)</sup>
- **6.5-inch LCD touch screen** operates navigation and audio functions
- **Hard-drive-based system** includes 10 gigabytes 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 of storage and access to around 2,400 songs (at 4 minutes per song)
  - 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<sup>(1, 2)</sup>

- **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<sup>(3)</sup> subject to location and availability included with Navigation System
- More information is available online at [www.sirius.com](http://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 when vehicle is in motion. 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

- SIRIUS® Satellite Radio
- DVD Entertainment System

# 2009 Explorer

## Audio/Navigation/Entertainment

### SIRIUS® Satellite Radio

- Includes 6 months complimentary subscription<sup>(1)</sup> subject to location and availability
- Includes integrated Satellite/Navigation radio antenna into one styled, roof-mounted device
- Unit is preactivated from the factory
- SIRIUS Satellite Radio can be accessed using existing radio head controls:
  - **Aux button** — press and release to enter satellite radio mode
  - **Seek/Scan** — use these buttons to change channels
- Key benefits of SIRIUS Satellite Radio include:
  - Over 130 channels of the best music, talk, news and information (65 music channels)
  - 100 percent commercial-free music
  - Seamless coverage anywhere in the contiguous U.S.
- More information on the service is available online at [www.sirius.com](http://www.sirius.com) or toll-free at (888) 539-SIRIUS (7474)

### DVD Entertainment System



- DVD player
- Large 8-inch flip-down LCD screen in the overhead console
- Backlit controls for nighttime operation
- Wireless headphones (2)
- Wireless remote control
- Audio/video input jacks allow use of other equipment
- 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






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

# 2009 Explorer Wheels

## WHEELS

### This page is about:

- 16" Painted Cast Aluminum
- 17" Machined Aluminum
- 17" Painted Aluminum
- 18" Chrome-Clad Aluminum
- 20" Polished Aluminum

Wheel		Order Code	XLT	Eddie Bauer	Limited
16" Painted Cast Aluminum Wheel (16" x 7")		64E	Standard on Order Codes 120A, 125A, 220A, 225A	—	—
17" Machined Aluminum Wheel (17" x 7.5")		64X	Optional on XLT only	—	—
17" Painted Aluminum Wheel (17" x 7.5")		64H	—	Standard on Order Codes 140A, 145A, 240A, 245A	—
18" Chrome-Clad Aluminum Wheel (18" x 7.5")		649	—	Optional	Standard on Order Codes 160A, 165A, 260A, 265A
20" Polished Aluminum Wheel (20" x 8")		64B	Required <sup>(1)</sup> on Order Codes 320A, 325A  Optional on 120A, 125A	Optional <sup>(1)</sup> on Order Codes 140A, 145A, 340A, <sup>(2)</sup> 345A <sup>(2)</sup>	Optional <sup>(1)</sup> on Order Codes 160A, 165A, 360A, <sup>(2)</sup> 365A <sup>(2)</sup>

— = Not available

(1) Requires 4x2 or AWD.

(2) Standard or required.

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

**INTERIOR TRIM**

# 2009 Explorer

## Interior Trim

**This page is about:**

- XLT (Cloth 6-way Power Driver)
- XLT Sport (Cloth 6-way Power Driver)
- XLT (Leather-trimmed)
- Eddie Bauer (Leather-trimmed)
- Eddie Bauer Convenience Package (Leather-trimmed)
- Limited (Leather-trimmed)

Interior Trim Type and Color Selector	Interior Colors	
	Camel	Black
<b>XLT (Cloth 6-way Power Driver)</b> Cloth Bucket Seats with 6-way power driver, 2-way adjustable head restraints, manual driver lumbar and manual recline	SC	SW <sup>(1)</sup>
<b>XLT Sport (Cloth 6-way Power Driver)</b> Cloth, Low-back Bucket Seats, 6-way power driver with manual driver lumbar and recline, 2-way adjustable head restraints		SW <sup>(1)</sup>
<b>XLT (Leather-trimmed)</b> Leather-trimmed Low-back Sport Bucket Seats with heat, 10-way power driver, including power lumbar and recline, and manual passenger recline and lumbar support	TC	TW <sup>(1)</sup>
<b>Eddie Bauer (Leather-trimmed with heat, no memory)</b> Two-tone Leather-trimmed Low-back Sport Bucket Seats with 10-way power driver, including power lumbar, manual passenger recline and manual passenger lumbar	TC	TW <sup>(2)</sup>
<b>Eddie Bauer Convenience Package (Leather-trimmed with heat and driver memory)</b> Two-tone Leather-trimmed Low-back Sport Bucket Seats with heat and recline. Includes 10-way power driver, power lumbar and memory. Passenger seat comes with 6-way power and manual lumbar	ZC	ZW <sup>(2)</sup>
<b>Limited (Leather-trimmed)</b> Two-tone Leather-trimmed Camel or Monotone Black Low-back Sport Bucket Seats with premium leather, heat and recline. Includes 10-way power driver with power lumbar and memory. Passenger seat comes with 6-way power and manual lumbar	ZC	ZW <sup>(1)</sup>

(1) Black interior with Black seats.

(2) Black seats with Camel inserts.

**NOTE:** See the 2009 Color & Upholstery Album or the Specifications section of **eSourceBook** ([esourcebook.dealerconnection.com](http://esourcebook.dealerconnection.com)) for illustrations of the available seating choices.

# 2009 Explorer

## Instrument Clusters

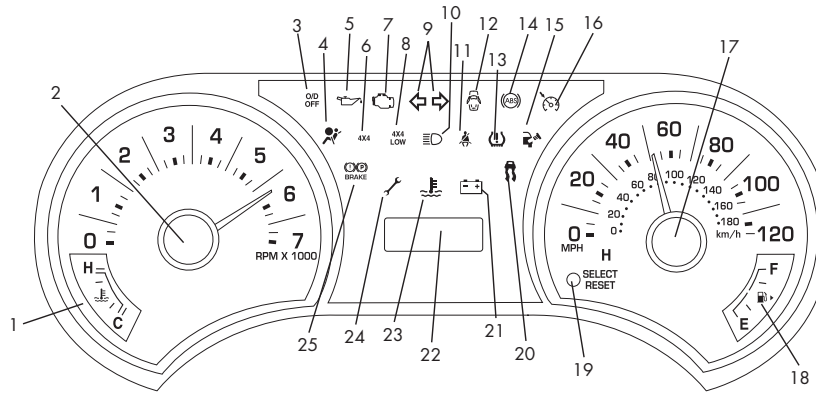
### INSTRUMENT CLUSTERS

This page is about:

Standard Instrument Cluster

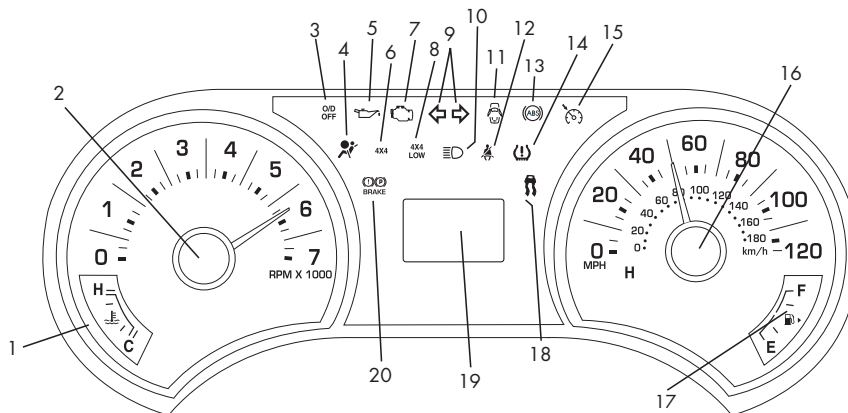
Available Instrument Cluster

### Standard Instrument Cluster



- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. Engine coolant temperature gauge</li> <li>2. Tachometer</li> <li>3. Overdrive off indicator</li> <li>4. Airbag readiness indicator/warning light</li> <li>5. Low engine oil pressure warning light</li> <li>6. 4x4 HIGH system indicator light<sup>(1)</sup></li> <li>7. Emissions system warning light</li> <li>8. 4x4 LOW system indicator light<sup>(1)</sup></li> <li>9. Turn signal indicator lights</li> <li>10. High-beam indicator light</li> <li>11. Fasten safety belt indicator/warning light</li> <li>12. Door ajar warning light</li> <li>13. Low tire pressure warning light</li> </ol> | <ol style="list-style-type: none"> <li>14. Anti-lock Braking System (ABS) indicator/warning light</li> <li>15. Check fuel cap warning light</li> <li>16. Electronic cruise control indicator light</li> <li>17. Speedometer</li> <li>18. Fuel gauge</li> <li>19. Odometer select/reset button</li> <li>20. AdvanceTrac<sup>®</sup> with RSC<sup>®</sup> (Roll Stability Control<sup>™</sup>) indicator/warning light</li> <li>21. Battery voltage warning light</li> <li>22. Odometer/trip odometer/message center display</li> <li>23. Engine coolant temperature warning light</li> <li>24. Service reminder light</li> <li>25. Brake system warning light/parking brake indicator light</li> </ol> |
|---|---|

### Available Instrument Cluster



- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. Engine coolant temperature gauge</li> <li>2. Tachometer</li> <li>3. Overdrive off indicator</li> <li>4. Airbag readiness indicator/warning light</li> <li>5. Low engine oil pressure warning light</li> <li>6. 4x4 HIGH system indicator light<sup>(1)</sup></li> <li>7. Check engine warning light</li> <li>8. 4x4 LOW system indicator light<sup>(1)</sup></li> <li>9. Turn signal indicator lights</li> <li>10. High-beam indicator light</li> <li>11. Door ajar warning light</li> </ol> | <ol style="list-style-type: none"> <li>12. Fasten safety belt indicator/warning light</li> <li>13. Anti-lock Braking System (ABS) indicator/warning light</li> <li>14. Low tire pressure warning light</li> <li>15. Electronic speed control indicator light</li> <li>16. Speedometer</li> <li>17. Fuel gauge</li> <li>18. AdvanceTrac<sup>®</sup> with RSC<sup>®</sup> (Roll Stability Control<sup>™</sup>) indicator/warning light</li> <li>19. Odometer/trip odometer/message center display</li> <li>20. Brake system warning light/parking brake indicator light</li> </ol> |
|--|--|

(1) If equipped.

# 2009 Explorer

## GVWR, Payload and Towing

**This page is about:**

- GVWR
- Trailer Towing Weights
- Trailer Towing Applications
- Special Applications

### GVWR and Trailer Towing Weights

Series	Maximum GVWR (lbs.) <sup>(1)</sup>	Maximum GCWR (lbs.) <sup>(1)</sup>	Maximum Payload (lbs.) <sup>(1)</sup>	Maximum Trailer Towing (lbs.) <sup>(1)</sup>
4x2	6110	12,000	1510	7285
4x4	6280	12,000	1500	7115
AWD	6280	12,000	1500	7115 <sup>(2)</sup>

(1) Properly equipped.

(2) 4.0L AWD is limited to 5000 lbs. maximum trailer tow weight.

**NOTE:** For additional towing information, refer to the 2009 RV & Trailer Towing Guide that will be shipped with your 2009 Source Books or the vehicle Owner's Guide.

### Trailer Towing Applications

Engine (with Automatic Transmission)	Axle Ratios	GCWR Max. (lbs.)	Maximum Trailer Weight (lbs.)	
			4x2	4x4/AWD
4.0L (245) 2V SOHC SEFI V6	3.55	8500	3500	3500
	3.73	10,000	5395	5205 <sup>(1)</sup>
4.6L (281) 3V SOHC SEFI V8	3.55	8500	3500	3500
	3.55	12,000 <sup>(2)</sup>	7285 <sup>(2)</sup>	7115 <sup>(2)</sup>

(1) 4.0L AWD is limited to 5000 lbs. maximum trailer tow weight.

(2) Deduct 500 lbs. with Auxiliary Climate Control.

**NOTE:** 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).

#### Frontal Area Considerations

- Not to exceed base vehicle frontal area:
  - Without Trailer Towing Prep Package Class III/IV
- Not to exceed 60 square feet:
  - With Trailer Towing Prep Package Class III/IV

#### Required Equipment

- Trailer Towing Prep Package Class III/IV for trailers over 3500 lbs.

#### Optional Trailer Towing Prep Package Class III/IV Content

- Includes 7-pin and 4-pin trailer wiring connector
- Frame-mounted hitch receiver
- Engine oil cooler (NA with 4.6L 3V V8)
- Maximum trailer weight 7285 lbs. (4.6L 3V V8 4x2)

### Special Applications

#### Snowplow Information

Explorer is not recommended for snowplow applications.

#### Trailer Towing Information

**NOTE:** For additional towing information, refer to the 2009 RV & Trailer Towing Guide that will be shipped with your 2009 Source Books or the vehicle Owner's Guide.

# 2009 Explorer

## GVWR and Option Weight

### GVWR AND OPTION WEIGHT

This page is about:

Maximum Allowable Weight  
Cargo/Payload GVWR Worksheet

### Maximum Allowable Weight (lbs.) (Regular Production Options and Aftermarket Equipment)

Model	GVWR <sup>(1)</sup>	4.0L (245) SOHC SEFI V6	4.6L (281) SOHC 3V SEFI V8
4x2	6010	755	
	6015	551	
	6020	376	
	6100		762
	6105		559
	6110		383
4x4/AWD	6180	751	
	6185	548	
	6190	372	
	6270		734
	6275		553
	6280		377

(1) Computer selected GVWRs.

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

Option Weight	(Front/Total) (lbs.)
<b>WHEELS:</b>	
17 x 7.5 Cast Aluminum — Machined	(6/18)
17 x 7.5 Cast Aluminum — Painted	(7/21)
17 x 7.5 Chrome-clad Aluminum — Machined	(12/31)
18 x 7.5 Chrome-clad Aluminum	(16/40)
20 x 8.0 Polished Aluminum	(23/59)
<b>TIRES:</b>	
P245/65R17SL All-Terrain BSW	(7/17)
P245/65R17SL All-Season OWL	(8/15)
P235/65R18SL All-Season OWL	(5/10)
P235/65R18SL All-Season BSW	(5/10)
P255/50R20 All-Season BSW	(7/17)
<b>GROUPS:</b>	
Eddie Bauer Trim	(1/3)
Limited Trim	(1/3)
<b>OPTIONS:</b>	
Adjustable Foot Pedals	(2/2)
Aluminum Tip Exhaust	(0/1)
Auto Lamp Control	(1/1)
Auxiliary Overhead A/C and Heater	(2/38)
Bodyside Moldings	(2/4)
Cargo Cover	(0/7)
Console — Floor, High Feature	(2/3)
Daytime Running Lamps — Canada	(1/1)
DVD Entertainment System	(12/18)
Electrochromic I/S Mirror	(1/1)
Floor Mats — Rubber (Front/Rear)	(2/1)
Floor Mats — Both Sets Carpet and Rubber (Front/Rear)	(4/6)
Large Overhead Console	(2/2)
Mini Overhead Console	(1/1)
Medium Overhead Console	(1/1)
Message Center	(1/1)
Subtotal: Front/Total	___/___

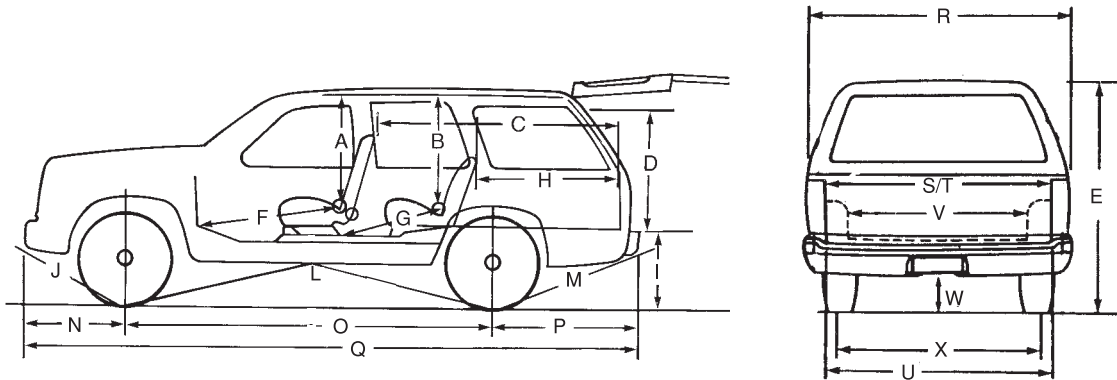
Option Weight	(Front/Total) (lbs.)
<b>OPTIONS cont'd</b>	
Mirrors — Power with Approach Lamps	(1/1)
Mirrors — Power Heated with Approach Lamps	(1/2)
Mirrors — Power Heated with Approach Lamps — Power Fold	(3/4)
Moonroof — Power	(16/32)
Premium Sound System	(4/16)
Radar Backup Aid	(0/1)
Radio — Premium/6-Disc CD/50W	(2/3)
Remote Keyless Entry	(0/1)
Roof Rails with Crossbars	(2/6)
Running Boards — Black	(15/30)
Running Boards — Power Deployable	(25/50)
Satellite Radio Reception	(1/1)
Skid Plate Package	(4/13)
Tubular Step Bars — Black or Chrome	(25/50)
Trailer Towing Prep Package — Class III/IV	(-4/18)
Voice-activated Navigation System	(4/5)
Wheellip Molding — Painted	(2/3)
<b>SEATS:</b>	
3rd-Row Seat — PowerFold™	(0/5)
Bucket Seats — all leather seating (including weight of Power Driver)	(2/7)
Power Seat Track — Driver 6-way	(5/9)
Power Seat Track — Driver 10-way Reclining	(6/12)
Power/Heated Passenger Seat Including weight of Power Passenger & Driver/Passenger Heat	(6/12)
Subtotal: Front/Total	___/___
Subtotal: From 1st Col.	___/___
Line A) Total Actual Option Content/Weight:	___/___

NOTE: Sample worksheet: Payload Workbook section in the 2009 Appendices Book.

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# 2009 Explorer

## Dimensions



### DIMENSIONS

Code	Description	Explorer (in.)
A	Head Room (Front row)	39.8
B	Head Room (2nd row)	38.7
	Head Room (Optional 3rd row)	37.4
C	Cargo Length Front @ Belt	74.4
D	Cargo Rear Opening Height (5-pass./7-pass)	33.7/32.9
E	Vehicle Height with options	72.8
F	Leg Room (Front row)	42.4
G	Leg Room (2nd row)	36.9
	Leg Room (Opt. 3rd row)	34.9
H	Cargo Length Second @ Belt (5-pass./7-pass)	38.6/39.5
I	Liftover Height (Curb)	31.4
J	Approach Angle	28.2°
L	Ramp Breakover Angle	18.4°
M	Departure Angle	23.8°
N	Front Overhang	35.4
O	Wheelbase	113.7
P	Rear Overhang	44.3
Q	Vehicle Length	193.4
R	Vehicle Width (excluding mirrors)	73.7
	Vehicle Width (including mirrors)	84.8
	Vehicle Width (mirrors folded)	77.5
S	Shoulder Room (Front row)	59.0
S	Shoulder Room (2nd row)	58.9
	Shoulder Room (Optional 3rd row)	53.1
T	Hip Room (Front row)	55.4
T	Hip Room (2nd row)	55.5
	Hip Room (Optional 3rd row)	45.3
U	Cargo Rear Opening Width @ Floor	48.3
V	Cargo Width — Between Wheelhouses (5-pass./7-pass)	44.9/45.3
W	Minimum Running Ground Clearance	8.3
X	Front/Rear Track	60.9/61.8

## Dimensions cont'd

### Cargo Volume

<b>Explorer</b>	<b>(5-Pass.)</b>	<b>(7-Pass.)</b>
Behind First Row (cu. ft.)	85.8	83.7
Behind Second Row (cu. ft.)	45.1	43.9
Behind Third Row (cu. ft.)	—	13.6

### Fuel Tank Capacity

<b>Wheelbase</b>	<b>Availability</b>	<b>Location</b>	<b>Capacity (gallons)</b>
113.7	Standard Tank	Midship	22.5

### Base Curb Weights

<b>Model</b>	<b>Front (lbs.)</b>	<b>Rear (lbs.)</b>	<b>Total (lbs.)</b>
4x2 — 4-Door (4.0L)	2338	2117	4455
4x4 — 4-Door (4.0L)	2476	2152	4628
4x2 — 4-Door (4.6L)	2426	2120	4546
4x4 — 4-Door (4.6L)	2560	2159	4719

# 2009 Explorer

## Seating Capacity and Standard Equipment Specifications

<b>SERIES</b>		<b>Explorer</b>		
Passenger Package		STD	OPT	OPT
Passenger Capacity		5	6	7
<b>SEATING ARRANGEMENTS INCLUDE:</b>				
Standard Buckets	— Dual Front	■	■	■
Split Bench	— 3-Pass. Rear	■		■
Optional Quad Buckets	— Dual Rear		■	
Optional 3rd-row Bench	— 2-Pass. Rear		■	■
<b>GVWR: (lbs.)</b> (Computer Selected - not to be advertised)	4x2	6010	6015	6020
	4x4/AWD	6180	6185	6190
Passenger/Cargo Capacity (lbs.):	4x2	1510	1450	1430
	4x4/AWD	1500	1440	1420
<b>GAWR (lbs.)</b>				
4x2 Models	— Front Min.	2860	2860	2860
	— Front Max.	2860	2860	2860
	— Rear Min.	3340	3340	3340
	— Rear Max.	3340	3340	3340
4x4/AWD Models	— Front Min.	2960	2960	2960
	— Front Max.	2960	2960	2960
	— Rear Min.	3400	3400	3400
	— Rear Max.	3400	3400	3400
<b>POWERTRAIN:</b>		Refer to Dealer Ordering Guide for 50-State Usage		
Engine	— Application	50 States		
	— Type (Ford)	4.0L (245) SOHC SEFI		
	— Cooling	Super		
Transmission	— Type	5-Speed Automatic OD		
	— Low/High Gear Ratios	3.40:1/0.79:1		
Transfer Case, 4x4 All	— Type	2-speed (BW-4412)		
AWD V6		1-Speed (BW-4411)		
AWD V8		1-Speed (BW-4412)		
<b>AXLES:</b>				
Front Axle	— Type	Twin-Forged Upper SLA		
	— Capacity (Rating @ Ground)	3240 lbs.		
Rear Axle	— Type	IRS		
	— Capacity (Rating @ Ground)	3600 lbs.		
<b>BRAKES:</b>		Includes Brake/Shift Interlock		
Front Disc	— Type	Dual-Piston, Floating Caliper		
	— Size	12.01" Diameter		
Rear Disc	— Type	Single-Piston, Self-Adjusting		
	— Size	11.85" Diameter		
Power-Assist Unit	— Type	Tandem Diaphragm Booster		
	— Effective Diameter	9" x 9"		
Anti-Lock System	— Type	4-Wheel Disc ABS		
Parking Brake	— Rear Brakes	Foot-Operated, Hand Release		
<b>ELECTRICAL:</b>				
Alternator	— Rating	130 Amperes, 1950 Watts (4G)		
Battery	— Type	Maintenance-Free		
	— Rating	72 Amp-hr., 650 CCA (Battery Saver System Standard)		
<b>FUEL TANK:</b>	— Capacity: (Midship)	22.5 Gal. (85L)		
<b>JACK:</b>	— Capacity	1.5 Ton		
<b>STEERING:</b>	— Type	Power, Ford Rack-and-Pinion (Includes Steering Cooler)		
	— Ratio	17.0:1		

# 2009 Explorer

EXPLORER

## Seating Capacity and Standard Equipment Specifications cont'd

<b>SERIES</b>		<b>Explorer</b>
<b>SUSPENSION:</b>	— Type	Front: Independent SLA with coil-over shocks Rear: Independent Trailing Blade SLA with coil-over shocks
Frame	— Type	Ladder type, fully boxed with 8 crossmembers, two of them through the rail design. Steel is minimum of 36,000 psi with 80,000 psi at midrail for improved safety.
Spring, Front-(lbs.)	— 4x2	2470 (min.)
	— 4x4	2470 (min.)
Springs, Rear-(lbs.)	— 4x2	2200 (min.)
	— 4x4	2200 (min.)
Shock Absorbers	— Frt/Rr (Gas-Type)	1.26"
Stabilizer Bar, Front	— Type	1.34" Diameter Solid Steel
Stabilizer Bar, Rear	— Type	.77" Diameter Solid Steel
<b>TIRES:</b>	— No./Type	Five/Steel-Belted Radial
	— Size	P235/70R16 A/S OWL (XLT 4x2, 4x4) P245/65R17 A/S OWL (Eddie Bauer) P235/65R/18 A/S OWL (Limited)
	— Spare Tire Carrier	Rear Under Frame, Crank-Up Type
<b>WHEELS:</b>	— No./Type	Four/16" x 7.0" Painted Machined Aluminum (XLT) Four/17" x 7.5" Painted Aluminum (Eddie Bauer) Four/18" x 7.5" Chrome-clad Aluminum (Limited) One/17" x 7.5" Steel Spare Wheel —Black E-Coat

**NOTE:** Refer to the end of this section for powertrain/chassis option availability.

# 2009 Explorer

## Technical Specifications

### Axle

#### FRONT AXLE SPECIFICATIONS

Make/Type		Ford SLA (Short/Long Arm) Independent Front Suspension
Max. Rating @ Ground (lbs.)		3240
Upper Control Arm	— Material	Forged Steel
Lower Control Arm	— Material	Stamped High-Strength Steel
Spring		Coil Spring-over-Shock, Computer Selected
Ball Joints		Lubed-for-Life
Knuckle/Hub	— Material	Aluminum Body with Forged Steel Hub
Wheel Bearings	— Type	Tapered Roller Flange Bearing

#### REAR AXLE SPECIFICATIONS

Make		Ford SLA Independent Trailing Blade
Max. Rating @ Ground (lbs.)		3600
Type		SLA
Drive		Independent Rear Suspension
Housing	— Type	Aluminum
	— Cover Attachment	Bolted
Section	— Max. Tube Size (in.)	NA
Wall Thickness	— Max. (in.)	NA
Lubricant Capacity (pints)		3.5
Spring		Coil Spring-over-Shock
Wheel Bearings	— Type	Tapered Cartridge Brakes
Gears	— Type	Hypoid
	— Material	Alloy Steel
Ratios Available (to 1)		3.55, 3.73
Ring Gear	— Pitch Diameter (in.)	8.8
Pinion	— Mounting	Underslung
Differential	— Type	2-Pinion
	— Bearings	Tapered Roller

### Brakes

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

Type	Axle Usage (lbs.)	Rotor Dia. (in.)		Brake Lining Segment	Area (sq. in.) / Thickness (in.)	Caliper Piston Dia.(in.)	Gross Lining Area Per Axle (sq. in.)	Total Swept Area Per Axle (sq. in.)
		OD	ID					
Front Disc	2800	12.01	8.19	Outboard	8.06/0.43	Dual — 2.01	32.24	239.34
				Inboard	8.06/0.43			
Rear Disc	3600	11.85	8.39	Outboard	4.60/0.39	Single — 1.89	18.41	217.30
				Inboard	4.60/0.39			

#### BRAKE MASTER CYLINDER SPECIFICATIONS

Type	Bore Dia. (in.)
Dual System, Dash-Mounted <sup>(1)</sup>	1.062

(1) Includes Four-Wheel Anti-lock Braking System — Operates in All Drive Modes.

#### POWER BRAKES VACUUM BOOSTER SPECIFICATIONS

Make/Type	Model/Series	Effective Chamber Dia. (in.)	Diaphragm Type
Dash-Mounted	4x2/4x4	9 x 9	Tandem

# 2009 Explorer

## Technical Specifications cont'd

EXPLORER

### Cooling Systems

#### COOLING SYSTEM SPECIFICATIONS

Engine	Cooling	Trans. Usage	Frontal Area (sq. in.)	Core Size (in.)			Rows of Tubes	Fins Per Inch	Cooling System Cap. (approx. qts.)	Fan Specs	
				Height	Width	Thick				Type/ No. of Blades	Blade Dia. In.
4.0L (245) SOHC V6	Std.	Auto.	504	23.8	21.3	1.4	1	12.7	7.8	Plastic/11	18.0
4.6L (281) SOHC 3V SEFI V8	Std.	Auto	507	23.8	21.3	1.4	1	12.7	18.5	Plastic/11	18.2

#### AUTOMATIC TRANSMISSION OIL COOLER

Engine	Transmission	Size	No. of Plates
4.0L (245) SOHC SEFI V6	5-Speed Auto. OD (5R55S)	10.0" x 7.0" x 1.25"	22
4.6L (281) SOHC 3V SEFI V8	6-Speed Auto. OD (6R)	10.0" x 7.0" x 1.25"	22

### Fuel System

#### FUEL SYSTEM DATA

Electronic Fuel Injection	4.0L (245) SOHC SEFI V6	4.6L (281) SOHC 3V SEFI V8
Injectors	Six Port-Mounted Sequential Injectors	Eight Port-Mounted Sequential Injectors
Fuel Tank Capacity	22.5 gals. (85L)	22.5 gals. (85L)
Fuel Pump — In Tank	Single Electric — In-Tank High Pressure	Single Electric — In-Tank High Pressure
Fuel Filter	In-Line Large Capacity (One)	In-Line Large Capacity (One)
Air Cleaner	Dry Element, Replaceable	Dry Element, Replaceable

### Steering

#### STEERING SPECIFICATIONS

Power Steering	Turning Dia. (ft.)		
Rack Speed	Overall Ratio	Curb-to-Curb	Wall-to-Wall
44.1mm/Rev.	18.9:1	36.8	38.4

### Suspensions

#### FRAME SPECIFICATIONS

Ladder type, fully boxed with 8 crossmembers, two of them through-the-rail design. Steel is minimum of 36,000 psi with 80,000 psi at midrail for improved safety.

#### SHOCK ABSORBER SPECIFICATIONS

Front			Rear		
No. Used	Piston Diameter (in.)	Type	No. Used	Piston Diameter (in.)	Type
2	1.26	Gas-Pressurized	2	1.26	Gas-Pressurized

#### SPRING SPECIFICATIONS — FRONT COIL SLA 4x2/4x4/AWD

Combined Rating @ Ground (lbs.)	Normal Height of Spring (in./design)	Inside Diameter (in.)	Wire Diameter (in.)	Deflection Rate @ Wheel (lbs./in. each)	Rating Each @ Pad (lbs./spring)
2470	9.87	3.66	0.601	230	1827
2590	9.87	3.66	0.601	240	1885
2725	9.87	3.66	0.606	251	1963

#### SPRING SPECIFICATIONS — REAR COIL SLA 4x2/4x4/AWD

Combined Rating @ Ground (lbs.)	Normal Height of Spring (in./design)	Inside Diameter (in.)	Wire Diameter (in.)	Deflection Rate @ Wheel (lbs./in. each)	Rating Each @ Pad (lbs./spring)
2200	11.10	4.56	0.696	236	1940
2400	11.10	4.56	0.696	236	1940

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# 2009 Explorer

## Technical Specifications cont'd

### Tires and Wheels

#### TIRE SPECIFICATIONS

Size	Rim Width (in.)	Section Width (in.)	Load Rating	Static Loaded Radius (in.)	Revolutions Per Mile @ 45 mph
P235/70R16 A/S OWL	7.0	9.45	Std.	12.99	721
P245/65R17 A/S OWL	7.5	9.92	Std.	13.18	709
P235/65R18 A/S OWL	7.5	9.45	Std.	13.50	695
P255/50R20 A/S BSW	8.0	10.04	Std.	13.58	689

#### WHEEL SPECIFICATIONS

Wheel Type	Wheel Size	Nominal Offset (in.)	No. of Studs	Bolt Circle (in.)	Max. Wheel Cap. Load (lbs. @ ground)
Cast Aluminum — Machined	16" x 7.0"	.44	5	4.5	1700
Cast Aluminum — Machined	17" x 7.5"	.44	5	4.5	1700
Cast Aluminum — Painted	17" x 7.5"	.44	5	4.5	1700
Cast Aluminum — Chrome-Clad	18" x 7.5"	.44	5	4.5	1700
Non-styled Steel Spare	16" x 7.0"	.44	5	4.5	1700
Non-styled Steel Spare	17" x 7.5"	.44	5	4.5	1700
Non-styled Steel Spare	18" x 7.5"	.44	5	4.5	1700
Aluminum — Polished	20" x 8.0"	.35	5	4.5	1700

### Transfer Case

#### TRANSFER CASE SPECIFICATIONS

Make and Model	2-Speed (BW-4412)	1-Speed (BW-4412)	1-Speed (BW-4411)
Type	Interactive, On-Demand with Electromagnetic Clutch		Differential Based (40 percent F/60 percent R)
Lubricant Capacity (liters)	Min. 1.33 to Max. 1.52		
Gear Ratio — High	Direct — 1.00:1		
Gear Ratio — Low	Direct — 2.48:1	—	—
Case Material	Magnesium		

### Transmission

#### AUTOMATIC TRANSMISSION SPECIFICATIONS

Make	Ford 5R55S 5-Speed Automatic Overdrive	Ford 6R60E 6-Speed Automatic Overdrive
Model	4x2/4x4	
Engine <sup>(1)</sup>	4.0L (245) SOHC SEFI V6	4.6L (281) SOHC SEFI 3V V8
<b>Ratios (to 1):</b>		
1st	3.22	4.17
2nd	2.29	2.34
3rd	1.54	1.52
4th	1.00	1.14
5th	0.71	0.86
6th	—	0.69
Reverse	3.07	3.40
Final Drive	0.71	0.69
Converter	2.2	
Lubricant Capacity (liters)	12.0	
Helical Gears	Air/Oil	
Oil Cooler	Water	

(1) Additional transmission fluid required with Aux. Trans. Oil Cooler usage.