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## WHAT'S NEW

## This page is about:

- Package Changes
- Option/Availability Changes
- Exterior Changes
- Awards
- Key Competitors

# 2009 Fusion

## What's New

### Overview

#### Key Messages

##### FUSION



- Fusion continues to bring personality and attitude to the midsize sedan with its originality — it won't be mistaken for anything else!
- SIRIUS® Satellite Radio is standard equipment within the SE and SEL model
- AdvanceTrac® is optional on all models
- 5-speed automatic transmission is standard equipment on the I-4 SEL model

#### Package Changes

- Blue Suede Interior Appearance Package is available on SE and SEL front-wheel-drive (FWD) models and includes:
  - Alcantara® blue suede seat inserts with charcoal black leather-trimmed side bolsters and blue stitching
  - Alcantara blue suede door panel trim inserts with Blue Ray contrast blue stitching on the leather-wrapped steering wheel and center floor console armrest
  - Charcoal black interior environment with coordinated instrument panel, center stack and door panel appliques
  - Sport tuned suspension with 18-inch painted dark stainless finish aluminum wheels on P225/45R18 A/S BSW tires
  - Ambient interior lighting included with SE models
- Sport Appearance Package is available on SE and SEL front-wheel drive (FWD) models and includes:
  - Red patterned seat inserts with black seat trim and contrast red stitching on seats, steering wheel and center floor console armrest
  - OR –
  - White patterned seat inserts with black seat trim and contrast grey stitching on seats, steering wheel and center floor console armrest
  - Charcoal black interior environment with coordinated instrument panel and center stack appliques
  - Sport-tuned suspension with 18-inch aluminum wheels with painted pockets on P225/45R18 A/S BSW tires
  - Black-chrome grille with color-keyed fog lamps and a unique decklid "lip" spoiler
  - Chrome dual exhaust tips (V6 SE only)
  - Optional leather trim is available on SEL models (black seats with red inserts and contrast red stitching OR black seats with white suede inserts and contrast light grey stitching)

- Moon & Tune Value Package (power moonroof with Premium audio system) is available on SEL models
- Sun & SYNC Value Package (power moonroof and Ford SYNC® voice-activated<sup>(1)</sup> communications and entertainment system) is available on SE models

#### Option/Availability Changes

- SIRIUS® Satellite Radio is standard on SE and SEL models
- Ambient interior lighting is standard on SEL models
- 5-speed automatic transmission is standard on the I-4 SEL model
- All-Speed Traction Control is standard on all V6 models
- AdvanceTrac® is optional on all models
- Premium AM/FM stereo/6-disc in-dash CD/MP3 capability is optional on SE and SEL
- Leather-trimmed seating (heated front row) is only available on SEL lineup
- Voice-activated Navigation System requires leather-trimmed seating, Blue Suede Package or Sport Appearance Package

#### Exterior Changes

- Colors added:
  - Brilliant Silver Clearcoat Metallic (UI)
  - Smokestone Clearcoat Metallic (HG)
  - Sport Blue Clearcoat Metallic (U1)
  - Tuxedo Black Clearcoat Metallic (UH)
  - White Platinum Clearcoat Tri-Coat (UG)
- Colors deleted:
  - Black Clearcoat
  - Dune Pearl Clearcoat Metallic
  - Silver Birch Clearcoat Metallic
  - Light Sage Clearcoat Metallic

#### Awards

- *Consumers Digest Best Buy Award* winner
  - 2007, 2008

#### Key Competitors

- **Toyota Camry** is a sporty looking sedan with an available hybrid model
- **Chevrolet Malibu** is a roomy, safe and well-equipped sedan for the money
- **Nissan Altima** is positioned as a sedan that defies convention with its power and styling
- **Honda Accord** was all-new for 2008 and is being marketed as having more style, more luxury and more sophistication than ever

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

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

# 2009 Fusion

## What's Important

WHAT'S IMPORTANT

This page is about:

Product Highlights

Fusion

### Product Highlights

#### KEY FUSION FEATURES

**Duratec 2.3L I-4 or Duratec 3.0L V6 engine**  
(pgs. 8, 9)

**Voice-activated Navigation System**  
(pgs. 11, 13, 21)

**Available All-Wheel Drive**  
(pgs. 8, 10, 14, 15)

**AdvanceTrac®**  
(pgs. 14, 16)

**Ford SYNC®**  
(pgs. 11, 13)

**Bold styling**  
(pgs. 6, 7)

**Outstanding driving dynamics**  
(pgs. 8, 9, 10)



#### Design/Styling

- Ambient interior lighting
- Bold tri-bar chrome grille
- Stylish multi-element quad-beam halogen headlamps
- Projector-beam fog lamps
- Integrated side marker lamps
- Chrome beltline and decklid brow moldings
- V6 sport-sedan-style
- Quasi-dual exhaust with chrome tips
- Rear decklid spoiler
- 16-, 17- or 18-inch wheels and tires

#### Performance/Handling

- Duratec 2.3L I-4 engine or Duratec 3.0L V6 engine
- Three transmission choices: 5-speed manual, 5-speed automatic or 6-speed automatic
- Chassis, suspension, steering and brakes provide outstanding driving dynamics
- Fully independent front and rear suspension with double-wishbone arrangement up front and multi-link independent rear suspension
- Available All-Wheel Drive (AWD)

(1) Front seats fully forward.

(2) Under normal driving conditions. See the vehicle Owner's Guide.

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

#### Comfort/Convenience

- 5-passenger seating with outstanding roominess
- Premium leather seating surfaces with contrast seat stitching
- One-touch fold-flat 60/40 spring-assisted rear seatbacks for added cargo flexibility
- Fold-flat front-passenger seatback with almost 9 feet of cargo length with rear seatbacks folded down<sup>(1)</sup>
- 15.8 cubic feet of trunk space
- Premium AM/FM stereo/6-disc in-dash CD/MP3 capability
- Premium AM/FM stereo/6-disc in-dash CD/MP3 capability with 8 speakers
- Ambient interior lighting
- Steering-wheel-mounted audio controls
- Heated exterior mirrors with security approach lamps
- SecuriCode™ Keyless Entry Keypad
- SIRIUS® Satellite Radio
- Ford SYNC®
- Voice-activated Navigation System
- Reverse Sensing System

#### Safety/Security

- AdvanceTrac®
- Available All-Wheel Drive (AWD)
- Belt-Minder® System
- Four-wheel Anti-lock Braking System (ABS)
- All-Speed Traction Control (V6 models)
- Personal Safety System®
- Front-seat side airbags
- First- and second-row side curtain airbags
- SecuriLock® passive anti-theft system
- Tire Pressure Monitoring System (TPMS)

#### Quality/Reliability/Durability

- Extensive concentration on low noise, vibration and harshness (NVH)
- Door seals shared with Volvo/Taurus offer better sealing to help reduce wind noise
- Partial Zero Emissions Vehicle (PZEV) rating with I-4 engine and automatic transmission)
- 90,000-mile spark plug maintenance intervals for both engines<sup>(2)</sup>
- 24-hour Roadside Assistance
- 5-year/60,000-mile Powertrain Limited Warranty

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

- S I-4
- SE I-4
- SE V6

# 2009 Fusion

## 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 Fusion is available in five models:

- S I-4
- SE I-4
- SE V6
- SEL I-4
- SEL V6

**S I-4 — Standard model****Design/Styling**

- Bodyside molding — color-keyed
- Glass — solar-tinted
- Grille — chrome
- Headlamps — quad halogen
- Mast antenna
- Mirrors (exterior) — power adjust, black
- Wheels — 16" steel with deluxe wheel cover

**Performance/Handling**

- Brakes — 4-wheel disc Anti-lock Braking System (ABS)
- Steering — power variable assist
- Engine — Duratec 23 - 2.3L I-4
- Suspension — 4-wheel independent
- Tires — P205/60TR16
- Transmission — 5-speed manual

**Comfort/Convenience**

- Accessory delay
- Armrest (rear seat) with cup holders (2)
- Audio — AM/FM stereo/clock/single CD/MP3 capability with 4 speakers
- Auxiliary audio input jack
- Climate control — manual air conditioning

- Coat hooks (2)
- Console (floor)
  - Cup holders (2)
  - Storage bin with (2) removable bins
- Console (overhead) — not available with moonroof
  - Dome lamp
  - Map lamps (2)
- Cup holders/bottle holders (6)
- Floor mats — carpeted, color-keyed
- Glove box
- Grab handles (4)
- Horn — dual-tone electric
- Locks — power
- Mirror (interior) — day/night
- Power points — 12V (2)
- Rear defroster
- Remote Keyless Entry with integrated keyhead transmitters (2)
- Seats — cloth
  - 5-passenger seating
  - Driver — 4-way manual adjust
  - Rear seat — 60/40 split fold-flat
- Shift knob — leather-wrapped (manual transmission only)

- Steering wheel — urethane, tilt/telescopic with cruise controls
- Storage bin — dash-top
- Storage bin — instrument panel
- Sun visors (2)
- Trunk hooks (2)
- Windows — power, driver one-touch down
- Windshield wipers (front) — fixed interval, speed sensitive

**Safety/Security**

- Anti-lock Braking System (ABS)
- Battery Saver
- Belt-Minder® System
- Child safety locks — rear door
- Emergency trunk release — glow-in-the-dark
- Illuminated entry
- LATCH (Lower Anchors and Tethers for CHildren) System
- Perimeter anti-theft alarm system
- Personal Safety System®
- SecurILock® passive anti-theft system
- Front-seat side airbags
- Tire Pressure Monitoring System (TPMS)

**SE I-4 — Includes all S I-4 content, plus:****Design/Styling**

- Fog lamps
- Instrument panel — unique center stack appliqué
- Mirrors (exterior) — power, body color
- SE badge
- Wheels — 16" aluminum

**Comfort/Convenience**

- Audio — Premium AM/FM stereo/6-disc in-dash CD/MP3 capability with 6 speakers
- Message center with trip computer
- Seats — cloth upgrade
  - 5-passenger seating
  - Driver — 6-way power, manual lumbar
  - Passenger — fold-flat

- SIRIUS® Satellite Radio
- Steering wheel — urethane, tilt/telescopic with audio/cruise controls
- Sun visors — dual illuminated vanity mirrors

**SE V6 — Includes all SE I-4 content, plus:****Design/Styling**

- Quasi-dual exhaust

**Performance/Handling**

- All-Speed Traction Control
- Engine — Duratec 30 - 3.0L V6
- Tires — P205/60TR16, V-rated (AWD only)
- Transmission — 6-speed automatic

**Comfort/Convenience**

- Shift knob — urethane

**NOTE:** The above information is an excerpt to be used with pages 2–4 of the 7/1/08 Fusion Dealer Ordering Guide. For the latest Dealer Ordering Guide go to [fmcdealer.com](http://fmcdealer.com)

# 2009 Fusion

## Model Lineup cont'd

### MODEL LINEUP

This page is about:

SEL I-4

SEL V6

Optional Equipment

Fusion

#### SEL I-4 — Includes all SE I-4 content, plus:



##### Design/Styling

- Instrument panel
  - Woodgrain center stack appliqué — Camel interior
  - Piano Black center stack appliqué — Dark Charcoal and Medium Light Stone interior
- Mirrors (exterior) — power, heated with security approach lamps
- Molding — bright beltline
- SEL badge
- Wheels — 17 x 7" machined aluminum (FWD only)

##### Performance/Handling

- Tires — P225/50R17, V-rated
- Transmission — 5-speed automatic

##### Comfort/Convenience

- Ambient interior lighting
- Autolamps
- Climate Control — Electronic Automatic Temperature Control
- Clock — analog

- Compass
- Ford SYNC®, includes electrochromic auto-dimming mirror with integrated microphone
- SecuriCode™ Keyless Entry Keypad
- Shift knob — leather wrapped
- Steering wheel — leather wrapped, tilt/telescopic with audio/cruise controls

#### SEL V6 — Includes all SEL I-4 content, plus:



##### Design/Styling

- Quasi-dual with bright chrome tips
- Wheels — 17" x 7.5" machined aluminum (AWD only)

##### Performance/Handling

- All-Speed Traction Control
- Engine — Duratec 30 - 3.0L V6

NOTE: The above information is an excerpt to be used with pages 2–4 of the 7/1/08 Fusion 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 Fusion Ordering Guide.

## Optional Equipment

	S I-4	SE I-4	SE V6	SEL I-4	SEL V6
<b>Design/Styling</b>					
Blue Suede Package <sup>(1), (2)</sup>	—	○	○	○	○
License plate bracket	○	○	○	○	○
Rear spoiler <sup>(1)</sup>	—	○	○	○	○
Sport Appearance Package <sup>(2), (3)</sup>	—	○	○	○	○
<b>Performance/Handling</b>					
5-speed automatic transmission	○	○	—	S	—
P225/45R18 A/S BSW tires	—	P	P	P	P
<b>Comfort/Convenience</b>					
Ambient interior lighting	—	P	P	S	S
Premium AM/FM stereo/clock/6-disc in-dash/MP3 capability with 8 speakers	—	○	○	O/P	O/P
Electrochromic auto-dimming mirror with integrated microphone	—	○ <sup>(4)</sup>	○ <sup>(4)</sup>	P	P
Ford SYNC® (requires electrochromic auto-dimming mirror with integrated microphone)	—	○	○	S	S
Leather-trimmed seating (heated front row)	—	—	—	○	○
Moon & Tune Value Package	—	—	—	○	○
Moonroof — Power	—	P	P	P	P
Voice-activated Navigation System <sup>(5)</sup>	—	—	—	○	○
Reverse Sensing System <sup>(6)</sup>	—	○	○	○	○
Sun & SYNC Value Package	—	○	○	—	—
<b>Safety/Security</b>					
AdvanceTrac <sup>®</sup>	○	○	○	○	○

S = Standard    ○ = Optional    — = Not Available    P = Included in Package

(1) Not available with Sport Appearance Package.

(2) Not available with AWD.

(3) Not available with Blue Suede Package.

(4) Required and included with SYNC.

(5) Requires leather-trimmed seating, Blue Suede Package or Sport Appearance Package.

(6) Not available with manual transmission.

NOTE: The above information is an excerpt to be used with pages 6 and 7 of the 7/1/08 Fusion Dealer Ordering Guide.

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

August 2008

## DESIGN/STYLING

## This page is about:

- Exterior Accents
- Exterior Colors
- Interior Accents
- Interior Colors
- Interior Styling Themes

# 2009 Fusion

## Design/Styling

### Overview

#### Key Messages

##### Fusion



- Fusion looks like nothing else — its design features with its styling touches define it a stand-alone sedan
- Blue Suede Package and Sport Appearance Package offer a personal and stylish interior color scheme
- Five new exterior colors

#### Key Features

##### Exterior Accents

**Signature tri-bar grille** introduces the Fusion's aggressive, athletic look.

**Integrated side marker lamps** add style while making Fusion more visible to opposing traffic.

**Quasi-dual exhaust** with chrome tips adds a final touch of shine.

**Chrome decklid brow molding** ensures sophistication from behind.

**Projector-beam fog lamps** and **stylish quad-beam halogen headlamps** deliver a sweeping aerodynamic look.

**Rear decklid spoiler** adds to the bold and sporty look of Fusion.

**17- or 18-inch aluminum wheels** enhance the chrome accents throughout the exterior.

##### Exterior Colors

- Brilliant Silver Clearcoat Metallic (U1)
- Dark Blue Ink Clearcoat Metallic (D1)
- Moss Green Clearcoat Metallic (D2)
- Redfire Clearcoat Metallic (G2)
- Smokestone Clearcoat Metallic (HG)
- Sport Blue Clearcoat Metallic (U1)
- Tuxedo Black Clearcoat Metallic (UH)
- Vapor Silver Clearcoat Metallic (ZY)
- White Platinum Clearcoat Tri-coat (UG)
- White Suede Clearcoat (WS)

##### Interior Accents

**Blue Suede Package** brings style, comfort and personality to the Fusion with its outfitted color scheme throughout the interior.

**Sport Appearance Package** continues to offer the red on black, but now offers a more subtle — but stunning — white/grey on black.

**Distinctive instrument panel accents** coordinated with the interior themes/models.

**Driver's cockpit** reinforces the athletic intentions with round, analog-style gauges sporting satin-finished bezels.

**Soft-touch composite-skinned door panels and dashboard** are challenging the class in style and comfort.

##### Interior Colors

- Camel
- Charcoal Black
- Medium Light Stone



### Interior Styling Themes

Four interior styling themes are available on Fusion: Matte Finish, Carbon Fiber Look, Woodgrain and Piano Black. SEL models feature Piano Black or Woodgrain, depending on interior color. See chart below for availability.

Series	Interior Color		
	Medium Light Stone	Camel	Charcoal Black
S	Matte Finish	Matte Finish	—
SE	Carbon Fiber Look	Carbon Fiber Look	Carbon Fiber Look
SEL	Piano Black	Woodgrain	Piano Black

# 2009 Fusion

## Design/Styling

### DESIGN/STYLING

This page is about:

- Exterior Style
- Blue Suede Package
- Sport Appearance Package

## Exterior Style

### Bold and Distinctive

- Long downward sweeping hood with a short, raised deck and a shear tail topped by a horizontal greenhouse work to emphasize Fusion's athletic, driver's-car character
- Chrome molding along the greenhouse emphasizes the beltline's front-to-rear sweep
- Subtle character line kicks up aggressively at the taillamps, giving a gradual lift to the bodyside and emphasizing the strong shoulders
- Strong athletic shape is created with bodyside that tucks in at the rockers, widest at the character line on top of the wheel arches — a trim waist with broad shoulders
- Wedge-shaped body and sharply sculpted angles accentuate its distinctive stance

### Wheels

- Stylish 16-inch 7-spoke steel wheels with P205/60R16 tires
- Aggressive 17-inch split 5-spoke aluminum wheels with wide P225/50R17 V-rated performance tires fill the wheel well at the side and enhance the solid stance
- Premium 18-inch aluminum wheels complement the sport-tuned suspensions systems with the Sport Appearance Package and the Blue Suede Package

## Styling Packages

### Blue Suede Package (14B)

- Alcantara® blue suede seat inserts with charcoal black leather-trimmed side bolsters and Blue Ray contrast stitching
- Alcantara blue suede door panel trim inserts with Blue Ray contrast stitching on the leather-wrapped steering wheel and center floor console armrest
- Charcoal black interior environment with Cyber-carbon Grey instrument panel and center stack appliques
- Sport-tuned suspension with bigger rear stabilizer bar and stiffer springs, plus dampened struts and shocks
- 18-inch painted aluminum wheels on P225/45R18 VR-rated performance tires
- Ambient interior lighting included with SE models
- Available on SE and SEL front-wheel-drive (FWD) models
- Available in the following exterior colors:
  - Brilliant Silver Clearcoat Metallic (UI)
  - Dark Blue Ink Clearcoat Metallic (DI)
  - Sport Blue Clearcoat Metallic (UI)
  - Tuxedo Black Clearcoat Metallic (UH)
- Not available with the Sport Appearance Package
- Not available with All-Wheel-Drive (AWD)

### Sport Appearance Package (14T)

- Red patterned cloth seat inserts with black seat trim and contrast red stitching on seats, steering wheel and center floor console armrest
- OR -
- White patterned cloth seat inserts with black seat trim and contrast grey stitching on seats, steering wheel and center floor console armrest
- Optional leather-trimmed seats are available on SEL models
  - Charcoal Black with red inserts and contrast red stitching
  - OR -
  - Charcoal Black with white suede inserts and contrast light grey stitching
- Charcoal black interior environment with coordinated instrument panel and center stack appliques
- Sport-tuned suspension with bigger rear stabilizer bar and stiffer springs, plus dampened struts and shocks
- 18-inch painted aluminum wheels on P225/45R18 VR-rated performance tires
- Black chrome grille with color-keyed fog lamps and a unique decklid "lip" spoiler
- Chrome dual exhaust tips (V6 SE only)
- Available on SE and SEL front-wheel drive (FWD) models
- Available in the following exterior colors:
  - Brilliant Silver Clearcoat Metallic (UI)
  - Redfire Clearcoat Metallic (G2)
  - Tuxedo Black Clearcoat Metallic (UH)
  - Vapor Silver Clearcoat Metallic (ZY)
  - White Suede Clearcoat (WS)
- Not available with the Blue Suede Package
- Not available with All-Wheel-Drive (AWD)



## PERFORMANCE/HANDLING

## This page is about:

- Duratec Engines
- Partial Zero Emissions Vehicle (PZEV)
- Available All-Wheel Drive (AWD)
- Suspension and Steering
- Towing

# 2009 Fusion

## Performance/Handling

### Overview

#### Key Messages

##### Fusion

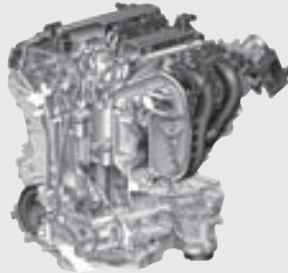


- Duratec 2.3L I-4 engine is mated to a 5-speed manual or 5-speed automatic transmission
- Duratec 2.3L I-4 engine, when equipped with the 5-speed automatic transmission, meets strict Partial Zero Emissions Vehicle (PZEV) standards
- Duratec 3.0L V6 engine teamed up with a 6-speed automatic
- Front-wheel drive or available All-Wheel Drive (AWD)
- Exceptional ride and handling characteristics provided by a four-wheel independent suspension and rack-and-pinion steering

#### Key Features

##### Powertrain

**Duratec 2.3L I-4 engine** features a 16-valve dual overhead camshaft (DOHC) design and delivers 160 horsepower. This engine can be teamed with a 5-speed manual or 5-speed automatic transmission.



**Duratec 3.0L V6 engine** features a DOHC design with 24 valves and delivers 221 horsepower. This engine is mated to a first-in-class<sup>(1)</sup> 6-speed automatic transmission.

**Partial Zero Emissions Vehicle (PZEV)** rating for Fusion equipped with the Duratec 2.3L I-4 engine and 5-speed automatic transmission. The PZEV rating applies to California Emissions States. See page 9 for more information.

**5-speed Manual Transmission** features two overdrive gears to help improve fuel economy by reducing the number of revolutions per minute the engine is turning at cruising speeds.

**5-speed Automatic Transmission** allows the engine to maintain most efficient rpm while shifting up and down through the gears, remaining closest to its peak power level during acceleration.

**6-speed Automatic Transmission** "learns" driving patterns and electronically adapts shift points to optimize engine performance and fuel economy. Features low maintenance with its fluid rated to last 10 years or 150,000 miles.<sup>(2)</sup>

**Available All-Wheel Drive (AWD)** provides all-weather traction and is a feature not found on some competitors.

(1) Class is mid-sized sedans starting under \$21,000.

(2) Under normal driving conditions.

##### Suspension and Steering

**A stiff chassis** allows the four-wheel independent suspension to absorb road harshness and deliver precise response to steering inputs for exceptional ride and handling characteristics.

**Independent double-wishbone front suspension** provides excellent ride and handling and utilizes an isolated subframe to help reduce vibration in the passenger compartment.

**Independent multi-link twist blade rear suspension** delivers an excellent balance of ride and handling and is built on an isolated subframe to reduce interior vibration and harshness.

**Sport-tuned suspension** with revised shock absorbers and springs and larger rear stabilizer bar provides a more performance-oriented ride.

**Rack-and-pinion steering** delivers linear steering effort and a responsive steering feel.

##### Towing

**Neutral towing** or flat towing is possible with a Fusion equipped with the Duratec 2.3L I-4 engine and 5-speed manual transmission.



# 2009 Fusion

## Performance/Handling

### PERFORMANCE/HANDLING

#### This page is about:

- Duratec Engine Technology
- Duratec 2.3L I-4 Engine
- Duratec 3.0L V6 Engine
- intake-Variable Cam Timing (i-VCT)
- Electronic Throttle Control
- What is a PZEV?

## Powertrain

### Duratec Engine Technology

The Duratec 2.3L I-4 and Duratec 3.0L V6 engines share:

- Aluminum engine block and cylinder head construction helps reduce vehicle weight
- Dual overhead camshaft (DOHC) valvetrain four valves per cylinder for improved engine breathing
- intake-Variable Cam Timing (i-VCT)
- Electronic Throttle Control (ETC)
- Hydraulic engine mounts help isolate engine vibration and movements from the chassis
- Combination of technologies helps deliver smooth, spirited performance with good fuel economy and emissions

### Duratec 2.3L I-4 Engine

- 160 horsepower and 156 lb.-ft. of torque
- 16-valve DOHC valvetrain
- Available with 5-speed manual or 5-speed automatic transmission
- PZEV rated when equipped with the 5-speed automatic transmission and delivered to California Emissions States (CA, CT, MA, ME, NJ, NY, OR, PA, RI, WA and VT) and optional as PZEV in Cross Border States (AZ, DE, ID, MD, NH, NV, OH and WV)
- Ford covers the emissions performance of its California-emissions-certified PZEVs registered in CA, CT, MA, ME, NJ, NY, RI and VT with a 15-year or 150,000-mile (whichever occurs first) limited warranty on emissions components (OR, PA and WA do not require the extended PZEV warranty)
- Balance shaft helps lessen engine vibration — to perform smoothly, much like a V6 engine does
- Variable Intake System (VIS) controls the intake manifold runner length. At higher engine speeds (above 3000 rpm), butterfly valves open to create short runners for improved engine power
- Single exhaust



### Duratec 3.0L V6 Engine

- 221 horsepower and 205 lb.-ft. of torque
- 24-valve DOHC valvetrain
- Mated to a first-in-class<sup>(1)</sup> 6-speed automatic transmission
- Quasi-dual exhaust



### intake-Variable Cam Timing (i-VCT)

- Allows the camshafts to operate the intake valves at different times in the combustion cycle, based on speed and load
- Adjusts cam timing to provide optimum performance and fuel economy
- Outstanding efficiency under low load conditions like idling or highway cruising
- Remarkable power when accelerating
- Helps engine achieve PZEV (California Emissions States), California Ultra Low Emissions Vehicle (ULEV II) or Federal Tier 2 Bin 5 emissions standards

### Electronic Throttle Control (ETC)

- Also known as “drive-by-wire”
- Uses electronic sensors to operate the throttle
- Powertrain control module uses information from sensors that detect the pedal position and vehicle operating conditions, and determines the optimum throttle opening and fuel delivery for maximum engine performance
- Enhances throttle control, performance and driveability

## A CLOSER LOOK: What is a PZEV?

A Partial Zero Emissions Vehicle (PZEV) is certified to emit no more than 6.5 pounds of hydrocarbon pollutants over 120,000 miles of driving. By comparison, a vehicle certified to the California Low Emissions Vehicle (LEV II) or Federal Tier 2 Bin 5 emissions standard emits about 29 pounds over the same 120,000 miles.

Under today's criteria, vehicles that achieve a PZEV rating earn 9.5 on the Environmental Protection Agency's Green Vehicle Guide. Only a Zero Emissions Vehicle (battery electric or fuel cell) receives a better score.<sup>(2)</sup>

To achieve a PZEV rating, a vehicle must meet certain criteria, including:

- Meet the super ultra-low emissions vehicle (SULEV) standard for tailpipe pollution
- Demonstrate zero fuel-based evaporative emissions
- The manufacturer's warranty must ensure that emissions-related components are covered for 15 years/150,000 miles<sup>(3)</sup>

(1) Class is midsize sedans starting under \$21,000.

(2) PZEV and LEV II calculations include both tailpipe and evaporative emissions.

(3) See the information under Duratec 2.3L I-4 engine for more information on emissions-related PZEV warranty.

## PERFORMANCE/HANDLING

## This page is about:

- Available All-Wheel Drive (AWD)
- Rack-and-pinion Steering
- Four-wheel Disc Brakes with Anti-lock Braking System (ABS)
- Electronic Brake Force Distribution (EBD)
- Independent Double-wishbone Front Suspension
- Flat Tow/Neutral Tow

# 2009 Fusion

## Performance/Handling

### Driving Dynamics

#### Available All-Wheel Drive (AWD)

- AWD is seamless to the driver and provides performance and safety benefits
- Continuously monitors vehicle speed, throttle input, steering angle and wheel slip to seamlessly deliver torque to the appropriate wheel(s)
- Helps eliminate torque steer and helps balance the vehicle when cornering
- In a curve, the front wheels steer the vehicle to maintain direction as well as propel the vehicle forward
- AWD system sends power to the rear wheels, allowing the rear wheels to help propel the vehicle
- AWD helps improve overall handling by allowing the front tires to apply more available traction to steer the vehicle
- AWD works together with traction control to distribute up to 100 percent of the available torque to the wheel(s) with the most traction
- System operates as front-wheel drive during normal driving to help reduce fuel consumption

#### A CLOSER LOOK: The Performance of AWD

- All-Wheel Drive uses electromagnetic activation of an internal clutch pack
- It engages when sensors detect wheel slip in the front wheels, and often acts preemptively to prevent slip from happening in the first place
- When activated, the system uses force from an electromagnet to push clutch plates together
- Driveshaft torque is transmitted through the unit to the rear wheels, taking power from the front wheels and sending it to the rear wheels
- System can react within milliseconds to distribute up to 100 percent of the available torque to the rear wheels

#### Rack-and-pinion Steering

- Rack-and-pinion steering maintains linear steering effort as the driver turns the wheel. The result is responsive steering that naturally follows a straight line as the wheel is turned
- 40-foot (curb-to-curb) turning diameter
- Quick steering ratio of 16:1 means drivers don't have to turn the wheel very far to go around a tight corner

#### Four-wheel Disc Brakes with Anti-lock Braking System (ABS)

- Large brake rotors for a large swept area and powerful braking. Front rotors are vented for better heat dissipation, to help reduce brake fade
- Twin-piston front calipers provide a precise and powerful braking performance
- Low-metallic, high-friction brake pad material for durability and dust control. The results are potentially lower maintenance costs and cleaner wheels

#### Electronic Brake Force Distribution (EBD)

- EBD sends the optimum amount of braking pressure to the rear brakes at all times under a variety of loads
- Whether there's one person or five people and their gear, EBD ensures the driver can apply the brakes with confidence in all conditions
- EBD means fewer occurrences of ABS activation and improved braking under heavy loads, and it allows all four wheels to give optimum braking

#### Independent Double-wishbone Front Suspension

- Isolated subframe helps reduce vibration into the passenger cabin
- Features a stabilizer bar for reduced body roll
- Has a double lower ball joint on the control arms and coil-over-shock suspension
- Puts the effective kingpin axis further outboard
- Contributes to reduced scrub radius
- Helps isolate the steering system from undesirable feedback

#### Independent Multi-link Twist Blade Rear Suspension

- Isolated subframe helps reduce vibration into the passenger cabin
- Features a stabilizer bar for reduced body roll
- Limits lateral forces on the springs for more composure
- Keeps suspension movement on a lower plane relative to the trunk floor
- Eliminates the need for large shock towers that reduce trunk cargo space

#### Sport-Tuned Suspension

- Larger rear stabilizer bar — 19mm vs. 16mm
- Retuned shocks and stiffer springs
- Tuned to provide more performance-oriented ride, steering and handling
- Included in Sport Appearance Package

#### Flat Tow/Neutral Tow

Some owners may wish to flat-tow (four-wheel-down towing) their vehicle behind a motorhome or other vehicle.

- Fusion equipped with the Duratec 2.3L I-4 engine and 5-speed **manual** transmission may be flat-towed safely
  - Maximum speed limit while towing is 70 mph
  - Parking brake must be fully released
  - Transmission must be in Neutral

Fusion models equipped with an **automatic** transmission cannot be flat-towed, as it may damage the transmission. See vehicle Owner's Guide for more details on neutral towing.

# 2009 Fusion

## Comfort/Convenience


### COMFORT/CONVENIENCE

#### This page is about:

- Electronic Automatic Temperature Control
- Ford SYNC®
- Voice-activated Navigation System
- Ambient Interior Lighting
- SIRIUS® Satellite Radio
- Fold-flat Front Passenger Seatback

## Overview

### Key Messages

<p><b>Fusion</b></p> 	<ul style="list-style-type: none"> <li>• Ford SYNC® connects audio and phone technology to the vehicle sound system</li> <li>• Moon &amp; Tune Package and Sun &amp; SYNC Package conveniently coordinate popular equipment into a package deal</li> <li>• Ambient interior lighting adds a new glow to the vehicle interior</li> </ul>
--	---

### Key Features

#### Interior

**Electronic Automatic Temperature Control** is a single-zone, "set-and-forget" system that will automatically modulate heating and cooling to maintain the preset temperature and includes an outside temperature display.

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

**Voice-activated Navigation System** has an LCD touch screen and step-by-step route guidance that's easy to understand and use.(1)

**Ambient interior lighting** can be changed with your mood, offering a choice of seven colors illuminating the front and rear footwells and cup holders

**SIRIUS® Satellite Radio** with over 130 channels, commercial-free music, digital sound quality and coast-to-coast coverage.

**Fold-flat front passenger seatback** when combined with the 60/40 split-fold-flat rear seatbacks allows items up to 9 feet long to be carried, adding to the flexibility of Fusion.

#### Exterior

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

**Reverse Sensing System** alerts the driver to certain objects up to 6 feet behind the vehicle during parallel parking or slowly backing up.

**Spacious Trunk** supplies 15.8 cubic feet for plenty of cargo capability.



### ENGINEERING INSIGHTS

#### MP3 Capable Audio Systems

When a vehicle is MP3 capable, its CD player can play CDs or MP3 format CDs.

- MP3 is digital audio that's encoded (recorded) in a compressed format
- Just as people can burn CDs, MP3 format CDs can be burned on a computer, but they hold more tunes (CDs can hold approximately 15–20 songs while MP3s can hold 100-plus)
- MP3 format CDs allow people to create their own playlists and include only their favorite songs
- **Be sure your customers know not to apply labels to their MP3 discs or the discs will jam in the player!**

#### Size 14 Shoes

Engineers made getting into and out of Fusion's backseat easy. They did this by pushing the rear door back toward the C-pillar. This way, someone with size 14 shoes can enter and exit without brushing the B-pillar scuff plate or the back of the front seat. To test the design, designers wore size 14 shoes and got in and out of Fusion countless times. This attention to detail is what sets Fusion apart from the competition.

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

**COMFORT/CONVENIENCE****This page is about:**

- Seating
- Interior
- Exterior
- Integrated Keyhead Transmitter

# 2009 Fusion

## Comfort/Convenience

### Seating

#### Heated Front Row Seats

- Ensure a comfortable driving experience
- Two level settings (high-two indicator lights, low-one indicator light)

#### Adjustable Driver's Seat

- 4-way manual with manual lumbar
- 6-way power adjust with the touch of a button

#### Rear Seats

- 60/40 split-fold-flat function
- Spring-assisted release levers are located in the trunk for added convenience when loading larger objects

#### Steering Wheel

- Manual tilt can be adjusted up and down, improving driving comfort
- Telescopic, providing additional flexibility by allowing a fore-and-aft adjustment
- Mounted audio controls add convenience and safety by allowing both hands to stay on the wheel

#### Message Center

- Monitors various vehicle systems, such as fluid levels, improving driver-to-vehicle awareness
- Displays outside temperature

#### Heated Mirrors with Security Approach Lamps

- Automatically activated with the rear window defroster to help remove moisture
- Security approach lamps illuminate the ground, helping to avoid puddles and other hazards when approaching/entering the vehicle
- Can be adjusted from the inside of the vehicle with the touch of a button

#### Keyless Entry System with Integrated Keyhead Transmitter (2)

- Replaces the standard key and separate Remote Keyless Entry fob combination with a single integrated keyhead transmitter
- System operates all door locks and trunk and includes a panic button

#### Fold-Flat Front Passenger Seatback

- Provides maximum cargo-carrying flexibility
- Allows items as long as 7 feet to be carried inside the vehicle when utilized with the 60/40 split-fold-flat rear seatbacks and trunk pass-through
- Allows items as long as 9 feet to be carried inside the vehicle when utilized with the 60/40 split-fold-flat rear seatbacks, the pass-through trunk and the fold-flat front passenger seatback



### Interior

#### Power Points (2)

- One located in front of the floor shift knob
- Additional outlet located within the floor console

#### Rear Seat Armrest

- Two integrated cupholders
- Folds away for additional passenger room

### Exterior

#### Spacious Trunk

- Boasts best-in-class<sup>(1)</sup> 15.8 cubic feet of space with a flat loadfloor
- Compact 4-bar link hinge system that doesn't intrude into the trunk space
- Low liftover height prevents interference with cargo

#### ENGINEERING INSIGHTS

##### Integrated Keyhead Transmitter

The integrated keyhead transmitter is designed so customers won't accidentally open the trunk or activate the panic alarm while inserting or removing the key from the ignition or their pocket. To avoid any confusion or unnecessary repair visits, review these features with your customers:

- The lock/unlock functions work the same as traditional Ford key fobs
- To activate the panic alarm, press and hold the button for 1.5 seconds or longer
- To use the "car finder" feature, push the LOCK button twice in 3 seconds
- Horn will chirp and the vehicle turn signals will flash once

For more details on the recommended handling of the integrated key fob, refer to the vehicle Owner's Guide.

(1) Best-in-class among primary competitors. Based on 2008 competitive information.

# 2009 Fusion

## Comfort/Convenience

### COMFORT/CONVENIENCE

#### This page is about:

- Audio Systems
- SIRIUS® Satellite Radio
- Ford SYNC®
- Voice-activated Navigation System
- Moon & Tune Package
- Sun & SYNC Package

## Audio/Navigation/Entertainment Systems

### Audio Systems

- AM/FM stereo with single-disc CD/MP3 capability
- AM/FM stereo with 6-disc in-dash CD/MP3 capability
- Premium AM/FM stereo with 6-disc in-dash CD/MP3 capability with 8 speakers
- See page 20 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 subject to location and availability
- See page 21 for more information



### Ford SYNC®(1)

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

- Voice-activated hands-free calling
  - Uninterrupted connections that allow going directly from a mobile phone to the vehicle's hands-free phone during the call
  - Audible text messages
  - Advanced calling features like caller ID, call waiting, conference calling and more
  - Voice-activated control of an MP3-style media player
  - Instant voice recognition
  - Ringtone support
  - Automatic phone book transfer for mobile phones with the feature
  - Multilingual intelligence (English, French and Spanish)
- For more information, go to [SyncMyRide.com](http://SyncMyRide.com).

### Voice-activated Navigation System(1)

- LCD touch-screen display
- Fast route calculations, zooming, scrolling and route previews
- Audible step-by-step route guidance feature that announces upcoming maneuver with specific street names
- Single DVD for contiguous U.S. and Canada
- Requires leather-trimmed seating, Blue Suede Package or Sport Appearance Package
- See page 21 for more information

## Convenience Packages

### Moon & Tune Package

- Power moonroof
- Premium AM/FM stereo/6-disc in-dash CD/MP3 capability with 8 speakers

### Sun & SYNC Package

- Power moonroof
- Ford SYNC voice-activated communications and entertainment system
- Electrochromic mirror with integrated microphone

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

## SAFETY/SECURITY

## This page is about:

- Accident Avoidance
- Occupant Protection
- Child Safety
- Personal Security
- The Ford Commitment to Safety

# 2009 Fusion

## Safety/Security

### Overview

#### Key Messages

##### Fusion



- Government five-star frontal-impact crash test ratings in 2009 (NHTSA)
- 2008 Fusion received the highest front- and side-impact ratings from the Insurance Institute for Highway Safety (IIHS)
- Front-wheel drive (FWD) with available All-Wheel Drive (AWD)
- Side-impact protection
- All-Speed Traction Control monitors and helps prevent wheel slippage

#### Key Features

##### Accident Avoidance

**Available All-Wheel Drive (AWD)** helps maintain traction in a variety of driving conditions.

**AdvanceTrac®** helps the driver maintain vehicle stability in adverse driving situations or when making evasive maneuvers on slippery pavement.

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

**Four-wheel Anti-lock Braking System (ABS)** prevents wheel lock during excessive braking to help maintain steering control.

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

**Electronic Brake Force Distribution (EBD)** automatically balances the front-to-rear brake force distribution to reduce the tendency for rear-wheel lockup and optimize braking performance according to vehicle load of passengers and/or cargo.

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

##### Occupant Protection

**Personal Safety System®** deploys front airbags based on crash severity, safety belt usage, driver's-seat position and front-passenger weight classification.

**First- and second-row side curtain airbags** feature "roll-fold" technology and offer head protection in side impacts for front and rear outboard-seated passengers.

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

**Collapsible steering column** collapses in different ways depending on crash severity, driver size and seat position.

**Side-intrusion door beams** help prevent intrusion into the passenger compartment in a side-impact collision.

**Belt-Minder® System** chimes and flashes the safety belt warning light for up to 5 minutes or until the driver and/or passenger fasten their safety belts.

##### Child Safety

**LATCH (Lower Anchors and Tethers for Children) System** helps provide secure and proper installation of LATCH-compatible child safety seats.

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

**Emergency trunk release** allows a person locked in the trunk to escape, using the glow-in-the-dark handle.

##### Personal Security

**SecuriLock® passive anti-theft system** uses an electronically coded key (with billions of possible codes) to start the vehicle.

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

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

#### The Ford Commitment to Safety

New vehicle buyers expect a high level of built-in safety. Fulfill these expectations by demonstrating the comprehensive system of safety features engineered into every Ford vehicle.

- Demonstrate vehicle safety as a complete, integrated system, not as a list of individual features. Almost every design aspect — even down to such small details as the layout of the air conditioning controls — figures into the total safety picture
- Unlike any other vehicle feature or concept, every customer is concerned about safety to some degree
- Safety features "sell" — a convincing presentation combining safety and other motivators can win over prospects who are considering other brands
- Some safety features are more obvious than others. It's important to point out that there's much more to safety than airbags and safety belts
- See the Safety section of the Appendices book for more information

# 2009 Fusion

## Safety/Security

SAFETY/SECURITY

This page is about:

Available All-Wheel Drive (AWD)

Fusion

## Accident Avoidance

### Available All-Wheel Drive (AWD)

- Continuously monitors wheel speed, throttle position and steering angle to determine the vehicle's conditions and driver's intent. The system then determines the optimal amount of front and rear torque for the given conditions to not only reduce wheel slip but to prevent the slip from occurring in the first place
- Electronically controlled AWD helps keep Fusion surefooted in a variety of conditions — slippery surfaces and anything that compromises traction
- Normally functions in front-wheel-drive mode, but the controller continuously monitors information to determine if AWD is needed
- Uses electromagnetic activation of internal clutch plates in the AWD coupling to transfer torque

### AWD Benefits

- No need to activate AWD — it's transparent to the driver and always there when it's needed, for wet or dry pavement, creating driving confidence and peace of mind
- An active on-demand coupler can deliver the precise amount of torque to all four wheels even before the wheels begin to slip
- Since the system can transfer torque away from the front wheels, it helps reduce the type of understeer often associated with front-wheel-drive vehicles, providing improved vehicle control
- When AWD is combined with All-Speed Traction Control or the AdvanceTrac® system, a high degree of torque can be sent to the wheel with the best traction, even if the other three wheels have no traction at all

### A CLOSER LOOK: AWD

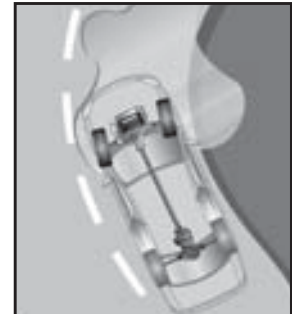
#### Normal Driving Conditions

- Under normal conditions, AWD operates much like a front-wheel-drive vehicle
- Majority of power is sent to the front wheels
- AWD system continuously monitors wheel speed, throttle position and steering angle and to balance the engine's output to the wheel(s) with the best traction



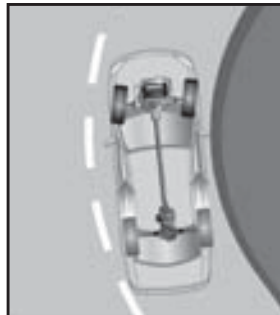
#### Rain, Sleet or Snow

- Weather conditions can create a slippery patch on the road surface
- When the vehicle encounters these situations, AWD responds proactively within milliseconds, redirecting power to the appropriate wheels with the best traction



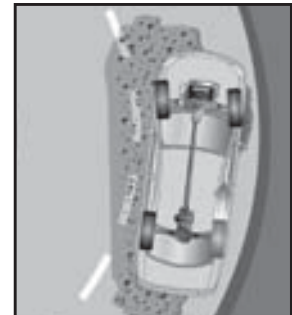
#### Performance and Handling

- In a curve, the front wheels steer the vehicle to maintain direction as well as propel the vehicle forward
- AWD system sends power to the rear wheels, allowing the rear wheels to help propel the vehicle
- AWD helps improve overall handling by allowing the front tires to apply more available traction to steer the vehicle
- AWD, paired with AdvanceTrac, further enhances vehicle stability and driver control



#### Sand and Gravel

- It's not uncommon to encounter debris like sand and gravel on the road, which can cause a vehicle to lose traction
- The AWD system proactively compensates for these conditions by immediately sending power to the wheels with the best traction
- This helps the driver to maintain control and drive through the hazard



For an online animated demonstration of AWD, go to [esourcebook.dealerconnection.com](http://esourcebook.dealerconnection.com)

## SAFETY/SECURITY

## This page is about:

- AdvanceTrac®
- All-Speed Traction Control
- Four-wheel Anti-lock Braking System (ABS)
- Brake Assist
- Tire Pressure Monitoring System (TPMS)

# 2009 Fusion

## Safety/Security

### Accident Avoidance cont'd

#### AdvanceTrac®

- An electronic stability control system that helps the driver maintain vehicle stability in adverse driving situations or when making evasive maneuvers on slippery pavement
- Monitors vehicle's cornering behavior
- Sensors monitor steering angle, lateral acceleration and yaw rate
- Automatically makes braking and throttle adjustments to match vehicle's direction to the driver's intention
- Controls wheels individually to counteract excessive vehicle rotation
- Reduces engine power and selectively brakes individual wheels to help keep the vehicle on course
- Intervenes progressively so that the driver is hardly aware that AdvanceTrac has been activated
- Uses Anti-lock Braking System (ABS) and traction control components
- AdvanceTrac may be turned off with a button on the console, but defaults to "on" whenever the vehicle is started
- Customers may wish to deactivate AdvanceTrac in situations where wheel spin is desired, such as when "rocking" a vehicle stuck in snow
- Includes Brake Assist

#### All-Speed Traction Control

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

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

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



#### Brake Assist

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

#### Tire Pressure Monitoring System (TPMS)

- Uses a tire pressure sensor mounted to each wheel
- Sensors use radio frequency transmitters to send tire pressure information to the vehicle's onboard computer
- The computer illuminates a warning light and sounds an audible tone when tire pressure is significantly low
- System is completely hidden from sight
- Replacing the tire is easily done without removing the sensor
- Provides actual tire pressure readings
- Senses temperature-based pressure loss where all four wheels are affected
- Resetting the system is easy. Once tire pressure has been restored to its recommended level, TPMS-equipped vehicles simply need to be driven over 20 mph for at least 2 minutes to be reset
- 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 will decrease 1 psi for every 10 degrees F drop in temperature. This may cause the TPMS warning to illuminate. If all tires appear to be inflated, customers should manually check the pressure and inflate all the tires to the recommended cold pressure.</p>
<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>

# 2009 Fusion

## Safety/Security

### SAFETY/SECURITY

#### This page is about:

- NHTSA Test Ratings
- IIHS Test Ratings
- Personal Safety System®
- Front-seat Side Airbags

## Crash Test Ratings

### NHTSA

Fusion received the highest possible ratings in frontal crash testing performed by the National Highway Traffic Safety Administration (NHTSA).<sup>(1)</sup>

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

	Frontal-impact Rating		Side-impact Rating	
	Driver	Passenger	Front Seat	Rear Seat
Fusion	★★★★★	★★★★★	★★★★★	★★★★★

### What Do the Stars Mean?

#### Frontal-impact Testing

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

#### Side-impact Testing

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

★★★★ 4 stars = 6 to 10 percent chance of serious injury

### IIHS

2008 Fusion received the highest possible ratings in frontal offset and side-impact testing from the Insurance Institute of Highway Safety (IIHS). 2009 Fusion is anticipated to receive the same rating.

**Frontal Offset Test** — vehicle impacts a fixed barrier at 40 mph. Only half of the vehicle's front surface makes contact with the barrier.

**Side-impact Test** — a 3300-lb. barrier moving at 31 mph strikes the side of a stationary vehicle.

**Rear-impact Test** — the vehicle's front seat is mounted on a platform which is accelerated forward. This simulates the stationary vehicle being hit from behind and tests for whiplash injury.

Fusion Results	
IIHS Test	Test Evaluation Result
<i>Frontal Offset</i>	<b>G</b> Good
<i>Side Impact</i>	<b>G</b> Good
<i>Rear Impact</i>	<b>N</b> Not tested
<i>Stability Control</i>	Available

## Occupant Protection

### Personal Safety System®

The Ford Personal Safety System tailors airbag usage to the severity of the crash, driver and passenger safety belt use, driver's-seat position and passenger classification. System components include:

- Dual-stage driver and front passenger airbags
- Electronic front crash severity sensor
- Driver's-seat position sensor
- Front outboard safety belt usage sensor
- Restraint Control Module
- Front outboard safety belt energy management retractors
- Front outboard safety belt pretensioners
- Front Passenger Sensing System

See the Safety Section in the Appendices book for more information on the Personal Safety System.

### Front-seat Side Airbags

- Side airbags help protect front-seat occupants in certain side collisions
- Airbags deploy from the front seats to protect occupants' chests
- Placed in the front seatbacks, so they are always in the optimum deployment position no matter where the seat is positioned
- Designed to help protect the chest in certain side collisions



(1) Models built after August 15, 2007.

**SAFETY/SECURITY****This page is about:**

- First-and Second-row Side Curtain Airbags
- Structural Safety — Built In
- LATCH (Lower Anchors and Tethers for Children) System
- SecuriLock® Passive Anti-theft System
- Perimeter Anti-theft System
- 24-Hour Roadside Assistance

# 2009 Fusion

## Safety/Security

### Occupant Protection cont'd

#### First- and Second-row Side Curtain Airbags

- System offers head protection in side impacts for front and rear outboard-seated passengers. In the event of a side impact, the side curtain airbags helps protect the head of all outboard-seated passengers
- Located in the roof side rail behind the headliner and are triggered independently of the driver and front passenger airbags
- Will not interfere with a properly installed child safety seat or booster seat
- Combined with the front-seat side airbags, the side curtain airbags help provide protection for both head and chest in certain side-impact collisions
- Air curtains feature "roll fold" technology
  - Deploys the airbags from the headliners alongside the interior panels and windows
  - If an occupant's head is against a window, the airbag is designed to slide between the glass and the occupant as it fills

#### Structural Safety — Built In

- **Side door intrusion beams** extend across the two strongest areas of the door frame, helping to protect against passenger compartment intrusion in certain side-impact collisions
- **Safety through strength and flexibility:** Fusion's B-pillars are constructed to a thickness of a quarter-inch of steel for a stronger vehicle top and more flexible bottom. This allows more efficient energy absorption *below* occupant level, while increased steel strength at torso level and above helps prevent passenger compartment intrusion

### PRESENTATION TIP: Roll-fold Technology

One of the keys to Fusion's outstanding safety protection is the side curtain airbags included in the safety system. These airbags are concealed in the headliner and employ roll-fold technology to help ensure proper deployment during certain side-impact collisions and rollovers. You can demonstrate how this safety feature functions using a simple "blow-out" or "roll horn" party favor since it uses the same basic principles as the roll-fold technology.

Give it a try:

- Insert the roll horn into your mouth and inflate it
- Air pressure enters the horn and flows out to unfold and inflate (or pressurize) the rolled end of the horn
- Consider tilting your head down while inflating the horn to demonstrate the downward deployment of the airbag along the side of the window
- Explain to the customer before or after you inflate the horn — sensors inflate the side curtain airbags in a fraction of a second — what they're seeing happens faster than the eye can see
- While the unfolding and inflating process is nearly impossible to see with the naked eye, the rolled party favor works much the same way

### 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
- All rear seating positions are equipped with LATCH
- 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 an electrically 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

- Monitors unauthorized entry of the doors, hood or liftgate

#### 24-Hour Roadside Assistance

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

# 2009 Fusion

## Quality/Reliability/Durability

### QUALITY/RELIABILITY/DURABILITY

#### This page is about:

- Noise, Vibration and Harshness Improvements —
- Customer Satisfaction —
- Durability —
- Warranty —
- Environmental —

## Overview

### Key Messages

#### Fusion



- Fusion outperforms Toyota Camry and Nissan Altima in quality<sup>(1)</sup>
- 90,000-mile spark plug maintenance intervals for both engines under normal driving conditions

### Key Features

#### Quality

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

- Engineers installed a sound barrier between the fuel tank and floor
- Stiffening beads on rear floor pan for a solid structure
- Dampers on front lower control arms to reduce interior road noise
- Tires optimized for less road noise
- Door seals offer better sealing, reduced wind noise
- Mirror design deflects wind downward to further help reduce wind noise

##### Customer Satisfaction

- Fusion outperforms Toyota Camry and Nissan Altima in Quality according to 2008 Ford Global Market Research, after three months in service quality data<sup>(1)</sup>

#### Durability

##### Body-color 5-mph front and rear bumpers

- Impact-absorbing, front and rear
- Rated at twice the federal requirement to help resist major sheet metal damage from minor front or rear impacts
- Help keep repair cost lower if your customer is involved in a minor fender bender

#### Warranty

##### New Vehicle Limited Warranty

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

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

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

##### 24-Hour Roadside Assistance

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

#### Environmental

- Duratec 2.3L engine and manual transmission models meet California ULEV II (Ultra Low Emissions Vehicle) standards in California Emissions States or the Federal Tier 2 Bin 5 standard
- Duratec 2.3L engine with automatic transmission models are PZEV-rated (Partial Zero Emissions Vehicle) in California Emissions States or the Federal Tier 2 Bin 5 standard
- Duratec 3.0L V6 engine models meet Federal Tier 2 Bin 5 or California ULEV II tailpipe emissions standards
- Good fuel economy with both the I-4 and V6 (city/hwy. mpg):
  - 20/29 (I-4 FWD w/manual transmission)
  - 20/28 (I-4 FWD w/automatic transmission)
  - 18/26 (V6 FWD w/automatic transmission)
  - 17/25 (V6 AWD w/automatic transmission)
- Fusion is approximately 85 percent recyclable by weight
- It is estimated that over 20 percent of Fusion's vehicle weight is from recycled content

(1) Based on a survey of 2008 Ford and competitive owners at three months in service published in April 2008.

### ENGINEERING INSIGHT: Virtual Assembly – Real Quality

- Fusion was Ford Motor Company's first "fully digital" car. It was completely designed, engineered and tested for manufacture in a digital environment, using the most advanced design tools available
- By drawing on these tools and the company's global product development resources — including a flexible midsize architecture and two global engines — Fusion's engineering team was able to bring Fusion to market faster than traditional vehicle development programs and at a much higher level of initial quality
- Before any Fusion was built in an assembly plant, the entire vehicle had been built in a virtual factory. That process identified many ways to do it better, substantially reducing the time and cost normally incurred during a typical vehicle's development. At the same time, Fusion quality and durability went up and environmental impacts went down

## AUDIO/NAVIGATION/ENTERTAINMENT

## 2009 Fusion

## Audio/Navigation/Entertainment

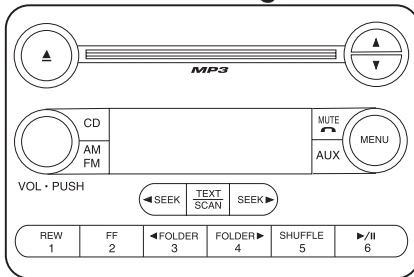
## This page is about:

- AM/FM Stereo/Single-disc CD/MP3 Capability
- Premium AM/FM Stereo/6-disc In-dash CD/MP3 Capability
- Premium AM/FM Stereo/6-disc In-dash CD/MP3 Capability

## All Fusion Audio Systems Include

- Station Memory Presets — 12 FM, 6 AM
- Autoset (AST) automatically locates the 6 strongest AM or FM station signals
- Auxiliary audio input jack
- Digital clock
- MP3 capability

## AM/FM Stereo/Single-disc CD/MP3 Capability

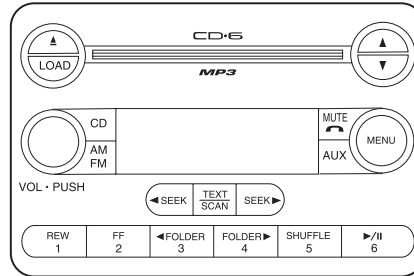


- 80 watts
- 4 speakers
- Speed Compensated Volume (SCV)**
  - Compensates for changing ambient noise levels by adjusting the volume of the radio according to the vehicle's speed signal
  - Allows a choice of 7 volume adjustment levels and is adjustable through the menu
- Compression** allows the audio dynamic range to be compressed so quieter music is boosted and louder music is lowered to compensate for ambient noise level when enabled during CD mode
- Repeat** will play the selected track continuously until Repeat is deactivated when enabled during CD mode
- Shuffle** plays CD tracks in random order
- Folder/track mode** allows the audio system to play and seek through disc tracks with or without folder option (available with MP3 discs only)

## For More Audio Information

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

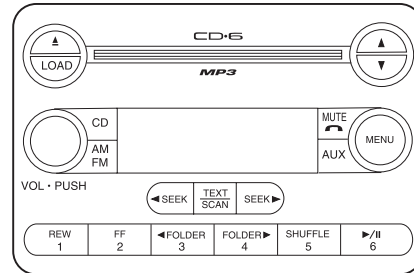
## Premium AM/FM Stereo/6-disc In-dash CD/MP3 Capability



Includes or replaces features of AM/FM stereo/single-disc CD/MP3 capability plus:

- 6-disc in-dash player
- 6 speakers
- RDS (Radio Data System) function** allows the following:
  - Radio station call letters appear on radio display
  - Type of music format appears on radio display
  - Search for type of music format
  - Traffic information broadcasts
  - Only for FM radio stations supporting RDS capability

## Premium AM/FM Stereo/6-disc In-dash CD/MP3 Capability



Includes or replaces features of premium AM/FM stereo/6-disc in-dash CD/MP3 capability plus:

- 190 watts
- 8 speakers
- Occupancy setting** allows one of three vehicle acoustic settings to be chosen

### Audio/Navigation/Entertainment

This page is about:

- Voice-activated Navigation System —
- Auxiliary Audio Input Jack —
- SIRIUS® Satellite Radio —

#### Voice-activated Navigation System



- Includes Premium AM/FM stereo/6-disc in-dash CD/MP3 audio system
- **Voice activation** recognizes certain voice commands to operate the system hands-free<sup>(1)</sup>
- Crisp, color LCD display
- **6.5-inch touch screen** for operation of navigation and audio functions
- One DVD with map data for the continental U.S. and Canada
- DVD inserts into system Electronic Control Unit (behind the touch screen)
- **Destination selection** search methods include:
  - Street address
  - Point of Interest (POI)
  - Freeway entrance/exit search
  - Previous destination
- **Turn-by-turn voice directions** including street name pronunciations
- Supports North American English, Canadian French and North American Spanish
- **Help menu** for basic operation, driving restrictions and navigation DVD
- **Automatic rerouting** recalculates a new route if a turn is missed
- **Emergency Button** provides nearest emergency facility to choose as a destination (hospital or police)
- **Valet Lockout Mode** disables operation of the Navigation System if desired, for example, during valet parking
- **Address Book** saves the most frequently used destinations for quick and easy routing

#### Auxiliary Audio Input Jack

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

#### SIRIUS® Satellite Radio

- Includes 6 months of SIRIUS service subject to location and availability
- Order Code 62S must be specified. This will equip the vehicle with the necessary vehicle-to-radio interface and antenna
- Unit is preactivated from the factory
- SIRIUS Satellite Radio can be accessed using existing radio head controls:
  - **Aux button** — press and release to enter satellite radio mode
  - **Seek/Scan** — use these buttons to change channels
- Key benefits of SIRIUS Satellite Radio include:
  - Over 130 channels of the best music, talk, news, sports and information (65 music channels)
  - 100 percent commercial-free music
  - Seamless coverage anywhere in the contiguous U.S.
- More information 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.

#### For More Audio Information

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







**WHEELS**

**This page is about:**

- 16" Steel
- 16" Machined Aluminum
- 17" Machined Aluminum
- 18" Aluminum with Painted Pockets
- 18" Painted Aluminum

# 2009 Fusion

## Wheels

Wheel		S	SE	SEL
16" Steel Wheel with Deluxe Cover		Standard	—	—
16" Machined Aluminum Wheel		—	Standard	—
17" Machined Aluminum Wheel (17" x 7")		—	—	Standard (FWD models)
17" Machined Aluminum Wheel (17" x 7.5")		—	—	Standard (AWD models)
18" Aluminum Wheel with Painted Pockets		—	Included in Sport Appearance Package (FWD models)	Included in Sport Appearance Package (FWD models)
18" Painted Aluminum Wheel		—	Included in Blue Suede Package (FWD models)	Included in Blue Suede Package (FWD models)

— = Not available

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

# 2009 Fusion

## Interior Trim

### INTERIOR TRIM

This page is about:

- S and SE
- SE with Blue Suede Package
- SE with Sport Appearance Package
- SEL
- SEL with Blue Suede Package
- SEL with Sport Appearance Package

Interior Trim Type and Color Selector NOTE: First character denotes type, second character denotes color.	Interior Trim Colors		
	Medium Light Stone	Camel	Charcoal Black
<b>S</b> Cloth Front Bucket Seats with 60/40 Split Rear Seat (5-Passenger)	FL	FC	—
<b>SE</b> Cloth Front Bucket Seats with 60/40 Split Rear Seat (5-Passenger)	FL	FC	FW
<b>SE with Blue Suede Package</b> Leather-trimmed Front Bucket Seats with 60/40 Split Rear Seat (5-Passenger), with Alcantara® Blue Suede Seat Inserts and Blue Stitching on Seats	—	—	JW
<b>SE with Sport Appearance Package</b> Cloth Front Bucket Seats with 60/40 Split Rear Seat (5-Passenger), Including Red Stitch Pattern on Black Insert with Red Accent Stitching, Trimmed with Leather Cloth Front Bucket Seats with 60/40 Split Rear Seat (5-passenger), White Stitch Pattern on Black Insert with Light Grey Accent Stitching, Trimmed with Leather	— —	— —	DW DG
<b>SEL</b> Cloth Front Bucket Seats with 60/40 Split Rear Seat (5-Passenger) Leather-trimmed Front Bucket Seats with 60/40 Split Rear Seat (5-Passenger)	HL YL	HC YC	HW YW
<b>SEL with Blue Suede Package</b> Leather-trimmed Front Bucket Seats with 60/40 Split Rear Seat (5-Passenger), with Alcantara® Blue Suede Seat Inserts and Blue Stitching on Seats	—	—	JW
<b>SEL with Sport Appearance Package</b> Cloth Front Bucket Seats with 60/40 Split Rear Seat (5-Passenger), Including Red Stitch Pattern on Black Insert with Red Accent Stitching, Trimmed with Leather Cloth Front Bucket Seats with 60/40 Split Rear Seat (5-passenger), White Stitch Pattern on Black Insert with Light Grey Accent Stitching, Trimmed with Leather Heated Leather-trimmed Front Bucket Seats with 60/40 Split Rear Seat (5-Passenger), Charcoal Black Seat, Red Insert with Red Contrast Stitching Heated Leather-trimmed Front Bucket Seats with 60/40 Split Rear Seat (5-Passenger), Solid Charcoal Black Seat with Light Grey Accent Stitching	— — — —	— — — —	DW DG KW KG

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

## INSTRUMENT CLUSTERS

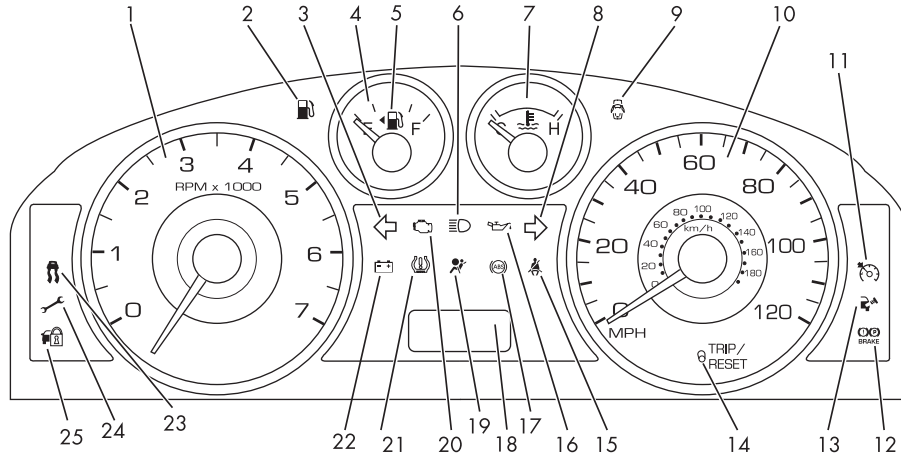
**This page is about:**

- Instrument Cluster
- Instrument Cluster with Message Center

# 2009 Fusion

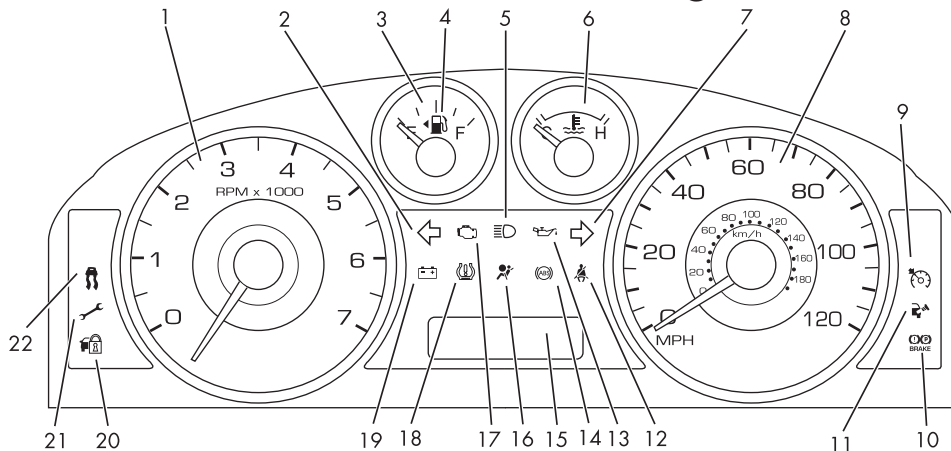
## Instrument Clusters

### Instrument Cluster



- |  |  |  |
|--|--|--|
| 1. Tachometer                          | 11. Cruise control active indicator                                  | 18. Odometer/trip odometer   |
| 2. Low fuel warning light              | 12. Brake system warning light/parking brake indicator               | 19. Airbag readiness indicator/warning light                           |
| 3. Left turn signal indicator          | 13. Loose fuel cap warning light                                     | 20. Check engine warning light   |
| 4. Fuel gauge                          | 14. Trip odometer reset button                                       | 21. Low tire pressure warning light (TPMS)                             |
| 5. Fuel filler door location indicator | 15. Fasten safety belt warning light                                 | 22. Charging system warning light                                      |
| 6. High-beam indicator                 | 16. Low engine oil pressure warning light                            | 23. Traction assist/AdvanceTrac® active indicator light <sup>(1)</sup> |
| 7. Engine coolant temperature gauge    | 17. Anti-lock Braking System (ABS) readiness indicator/warning light | 24. Throttle control/transmission fault warning light                  |
| 8. Right turn signal indicator         |  | 25. Anti-theft system active indicator                                 |
| 9. Door ajar warning light             |  |  |
| 10. Speedometer                        |  |  |

### Instrument Cluster with Message Center



- |  |  |   |
|--|--|---|
| 1. Tachometer                          | 9. Cruise control active indicator                                   | 16. Airbag readiness indicator/warning light                          |
| 2. Left turn signal indicator          | 10. Brake system warning light/parking brake indicator               | 17. Check engine warning light  |
| 3. Fuel gauge                          | 11. Loose fuel cap warning light                                     | 18. Low tire pressure warning light (TPMS)                            |
| 4. Fuel filler door location indicator | 12. Fasten safety belt warning light                                 | 19. Charging system warning light                                     |
| 5. High-beam indicator                 | 13. Low engine oil pressure warning light                            | 20. Anti-theft system active indicator                                |
| 6. Engine coolant temperature gauge    | 14. Anti-lock Braking System (ABS) readiness indicator/warning light | 21. Throttle control/transmission fault warning light                 |
| 7. Right turn signal indicator         | 15. Message center   | 22. Traction assist/AdvanceTrac active indicator light <sup>(1)</sup> |
| 8. Speedometer                         |  |   |

(1) If equipped.

# 2009 Fusion

## KEY PRODUCT SPECIFICATIONS

### Key Product Specifications<sup>(1)</sup>

Model	4-Door
Wheelbase	107.4
Length	190.2
Height	57.2
Width	80.1
Track (Front/Rear)	61.6/61.3
Curb Weight (approx. lbs.)	
I-4 Manual	3181
I-4 Automatic	3238
V6 Automatic	3325 FWD 3355 AWD

Front/Rear Seating	
Seating Capacity	5
Head Room (Front/Rear)	38.7/37.8
Shoulder Room (Front/Rear)	57.4/56.5
Hip Room (Front/Rear)	54.0/53.3
Leg Room (Front/Rear)	42.3/37.2

Passenger/Luggage/Fuel Capacity	
Passenger Volume (cu. ft.)	100.4
Luggage Capacity (cu. ft.)	15.8
Total Interior Volume (cu. ft.)	116.2
Fuel Tank Capacity (gal.)	17.5

Engine	
Layout	Front engine, front drive
Engine Type	2.3L DOHC (I-4) 3.0L DOHC (V6)
Displacement (liters/cu. in.)	2.3/140 (I-4) 3.0/182 (V6)
Horsepower @ rpm	160 @ 6250 (I-4) 221 @ 6250 (V6)
Torque (lb.-ft.) @ rpm	156 @ 4250 (I-4) 205 @ 4800 (V6)
Compression Ratio	9.7:1 (I-4) 10.0:1 (V6)
Bore & Stroke	3.4 x 3.7 (I-4) 3.5 x 3.1 (V6)
Fuel System	Sequential multi-port fuel injection
Fuel Requirement	87 octane (minimum)
Fuel Economy (city/highway mpg)	20/29 (FWD I-4 w/manual transmission) 20/28 (FWD I-4 w/automatic transmission) 18/26 (FWD V6 w/automatic transmission) 17/25 (AWD V6 w/automatic transmission)
Exhaust System	I-4 – Single with catalytic converter V6 – Quasi-dual with catalytic converters

Transmission	
Type	5-speed manual Electronically controlled 5-speed automatic Electronically controlled 6-speed automatic
Final Drive Ratios	4.39:1 (5-speed manual) 3.86:1 (5-speed automatic) 3.46:1 (6-speed automatic)

Gear Ratios						
Gears	1st	2nd	3rd	4th	5th	Rev.
5-Speed Manual	3.31:1	1.84:1	1.23:1	0.97:1	0.76:1	3.166:1
5-Speed Automatic	3.50:1	1.86:1	1.24:1	0.90:1	0.69:1	3.405:1
6-Speed Automatic	4.15:1	2.37:1	1.56:1	1.16:1	0.86:1	3.394:1
	6th					
	0.69:1					

Front Suspension	
Type	Independent double-wishbone with double lower ball joints
Springs	Helical coil
Shock Absorbers	Gas-pressurized hydraulic
Stabilizer Bar Diameter	24mm

Rear Suspension	
Type	Independent multi-link
Shock Absorbers	Gas-pressurized hydraulic
Stabilizer Bar Diameter	16mm (I-4) 17mm (V6) 19mm (SE/SEL w/Sport Appearance Package)

Steering	
Type	Power rack-and-pinion
Overall Ratio	16.0:1 on center
Turning Diameter Curb-to-Curb (ft.)	38.7 (16-inch wheels) 40.0 (17-inch wheels)

Brakes	
Standard	Power four-wheel disc with Anti-lock Braking System (ABS)

Trailer Towing	
Fusion is not recommended for trailer towing	

Neutral Towing	
Emergency Towing	It is recommended that Fusion be towed with a front-wheel lift or with flatbed equipment.
Recreational Towing	Fusion equipped with a manual transmission may be flat-towed (four-wheel-down towing) behind another vehicle, such as an RV. The maximum speed limit while towing Fusion is 70 mph. Be sure to remind your customers that the vehicle must be placed in Neutral with the parking brake released before flat-towing. Front-wheel dollies or a flatbed trailer may also be used for recreational towing.

(1) Dimensions are in inches unless otherwise specified.

# 2009 Fusion

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