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## WHAT'S NEW

### This page is about:

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

# 2009 Sport Trac

## What's New

### Overview

#### Key Messages

##### SPORT TRAC



- Perfect blend of truck functionality and SUV comfort
- Rugged styling, impressive power and performance, substantial box volume and a stiff frame make the Sport Trac powerful, strong and versatile
- Voice-activated Navigation System with SIRIUS® Travel Link™
- Ford SYNC®
- Safety Canopy® System standard on all models

#### 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
  - Redfire Clearcoat Metallic
  - Silver Birch Clearcoat Metallic
  - Stone Green Clearcoat Metallic
  - Vapor Silver Clearcoat Metallic
- Heated exterior mirrors are standard on Limited

#### 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

- SIRIUS Satellite Radio with 6-month subscription standard on XLT and Limited
- Hard tonneau cover standard on Limited, optional on XLT
- Heated windshield no longer available
- Limited Electronics Package no longer available
- Leather-trimmed bucket seats with heat are standard on Limited
- DVD Entertainment System no longer available

#### Options Added

- Limited Convenience Package available and includes:
  - 4-line message center
  - Dual-zone Electronic Automatic Temperature Control
  - Power adjustable pedals
  - Reverse Sensing system (NA with Adrenalin Package)
- Sun and SYNC Value Package available on XLT with XLT Convenience Package and includes:
  - Moonroof with shade and mini overhead console
  - Ford SYNC, which includes electrochromic mirror and redundant controls
- XLT Convenience Package available on XLT and includes:
  - Electrochromic auto-dimming rearview mirror
  - Automatic headlamps
  - SecuriCode™ Keyless Entry Keypad
  - Power driver's seat (6-way)
  - Power adjustable pedals
  - Reverse Sensing System

#### Key Competitors

- **Honda Ridgeline** is positioned as a rugged, capable truck with car-like handling and quality
- **Chevrolet Colorado** is marketed as the bold, youthful and rugged pickup
- **Dodge Dakota Quad Cab** has a significant presence on the road with its Ram-inspired styling and a "do what you want" attitude
- **Toyota Tacoma Double Cab** has a strong reputation for reliability and top-notch off-road performance engineering

(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 Sport Trac

## What's Important

WHAT'S IMPORTANT

This page is about:

Product Highlights

### Product Highlights

#### KEY SPORT TRAC FEATURES

**Class-exclusive<sup>(1)</sup>  
Intelligent Safety System™**  
(pgs. 13, 15)

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

**Quiet interior**  
(pg. 7)

**6-speed automatic transmission**  
(pgs. 9, 10)



**Independent rear suspension**  
(pgs. 9, 11)

**Voice-activated  
Navigation System  
with SIRIUS® Travel Link™**  
(pgs. 21, 25)

**Ford SYNC®**  
(pg. 21)

**AdvanceTrac® with  
RSC® (Roll Stability Control™)**  
(pg. 14)

#### 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
- 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
- All-Wheel Drive (AWD)
- 7160-lb. maximum towing capacity
- Trailer Sway Control

(1) Class is sport utility trucks.

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

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

#### 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 (Lower Anchors and Tethers for Children) system

#### Comfort/Convenience

- Voice-activated Navigation System with SIRIUS® Travel Link™
- Comfortable and versatile seating
- 60/40 second-row seats
- 6-disc in-dash CD/MP3 capable audio system
- Auxiliary audio input jack
- Power adjustable accelerator and brake pedals
- Power moonroof
- Cargo cage, bed extender
- Hard tonneau cover
- Power rear window
- Ford SYNC®

#### Design/Styling

- Adrenalin Package
- Bold-looking exterior
- Ergonomic and stylish interior
- 17-, 18- and 20-inch aluminum wheels

# 2009 Sport Trac

## 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 Sport Trac is available in two models:

- XLT (standard model)
- Limited

### XLT — Standard model



#### Quality/Reliability/Durability

- Alternator — 130 amp
- Battery Saver

#### Performance/Handling

- Axle ratio — 3.73
- Brakes — 4-wheel disc
- Engine — 4.0L 2V SOHC V6
- Fuel tank — 22.5-gallon
- Steering — rack-and-pinion
- Suspension — independent front and rear
- Tires — P235/70R16 A/S OWL
- Trailer Sway Control
- Trailer tow — Class II with 4-pin wire harness
- Transmission — 5-speed automatic

#### Safety/Security

- AdvanceTrac® with RSC® (Roll Stability Control™)
- Airbags — adaptive driver and front passenger, front seat side
- Anti-lock Braking System (ABS)
- Autolock
- Battery Saver
- Belt-Minder® System
- Child safety locks — rear door
- Illuminated Entry System
- LATCH (Lower Anchors and Tethers for CHildren) rear outboard seating positions
- Remote Keyless Entry with two key fobs
- Safety belts — Pretensioner/Energy Management System with adjustable height in first row
- Safety Canopy® System
- SecuriLock® passive anti-theft system
- Security approach lamps
- SOS Post Crash Alert System
- Tire Pressure Monitoring System (TPMS)
- Two-stage unlocking

#### Comfort/Convenience

- Accessory delay for windows and audio
- Air conditioning — manual
- Audio — AM/FM single CD/MP3 capable player with audio input jack
- Coat hooks — (2) color-keyed
- Console
  - Floor with 2 cup holders, armrest, floor shifter and storage
  - Overhead
- Floor covering — rubber with Berber heavy-duty floor mats, front and rear
- Glass — rear-row privacy
- Glove box — illuminated
- Grab handles — front passenger and rear (2)
- Message center with outside temperature and compass
- Mirror — manual rearview day/night
- Power points (4)
  - Front row on floor console
  - Front row in floor console
  - Rear row on rear of floor console
  - Cargo box
- Seats:
  - Driver and passenger manual 4-way
  - Front, cloth low-back bucket, manual 2-way adjustable head restraint
  - Rear 60/40 split-folding bench
- SIRIUS® Satellite Radio
- Steering wheel — 4-spoke color-keyed, leather-wrapped, with tilt, cruise control and audio controls
- Storage bin, drop-in with power point
- Sun visors — driver and passenger, color-keyed with illuminated vanity mirror
- Tie-downs — cargo area
- Windows
  - Power sliding rear
  - Power with one-touch-down driver's window
- Wipers — intermittent windshield

#### Design/Styling

- Cargo box — composite material with 3 integrated storage compartments
- Cladding (bumpers, wheelip moldings, door handles) — molded-in-color, black
- Fog lamps
- Fuel cap — non-locking
- Grille — chrome, 3-bar with nostrils
- Mirrors — electric remote L/R hand
- Roof side rails — black
- Tailgate molding — molded in color, black
- Wheels — 16-inch painted cast aluminum

#### XLT Appearance Package

- 17-inch painted cast aluminum wheels
- P245/65R17 all-season OWL tires
- Black side step bars

#### XLT Convenience Package

- Automatic headlamps
- Electrochromic auto-dimming rearview mirror
- SecuriCode™ Keyless Entry Keypad
- Power accelerator and brake adjustable pedals
- Power driver's seat (6-way)
- Reverse Sensing System

#### Sun and SYNC Value Package

- Moonroof
- Ford SYNC®
- Requires XLT Convenience Package

**NOTE:** The above information is an excerpt to be used with page 3 of the 6/23/08 Sport Trac Dealer Ordering Guide. For more information and the latest Dealer Ordering Guide go to [fmcdealer.com](http://fmcdealer.com)

# 2009 Sport Trac

## Model Lineup

MODEL LINEUP

This page is about:

Limited

**Limited** — All XLT content, plus:



### Comfort/Convenience

- Console — high series floor
- Electrochromic auto-dimming rearview mirror
- Heated side mirrors
- Illuminated driver's door keypad entry
- Seat — front-row sport bucket, leather-trimmed, heated 10-way power driver adjustment with power lumbar support
- Shift knob — leather-wrapped
- Ford SYNC®

### Design/Styling

- Body-color mirror caps
- Cladding (bumpers, wheelip moldings, door handles) — A-gloss body color
- Roof side rails — painted silver
- Step bars — painted silver
- Tonneau cover — hard
- Tires — P235/65R18 all-season OWL
- Wheels — 18-inch machined aluminum

### Safety/Security

- Autolamp
- SecuriCode™ Keyless Entry Keypad

### Limited Convenience Package

- 4-line message center
- Dual-zone Electronic Automatic Temperature Control
- Power adjustable pedals
- Reverse Sensing System

### Limited Chrome Package

- 18-inch chrome-clad aluminum wheels
- Chrome mirror caps
- Chrome roof rails
- Chrome step bars

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

— Optional Equipment

# 2009 Sport Trac

## Model Lineup

### Optional Equipment

	XLT	Limited
<b>Quality/Reliability/Durability</b>		
Skid Plates (requires 4x4)	F	F
Trailer Tow — Class III/IV (receiver and 7-pin connector)	O	O
<b>Performance/Handling</b>		
Powertrain:		
4x2 RWD (Rear-Wheel Drive)	Body Code	U31 U33
4.0L 2V V6/5-speed Automatic Transmission	Order Code	110A 130A
4.6L 3V V8/6-speed Automatic Transmission	Order Code	120A 140A
4x4 (Four-Wheel Drive)	Body Code	U51 U53
4.0L 2V V6/5-speed Automatic Transmission	Order Code	210A 230A
4.6L 3V V8/6-speed Automatic Transmission	Order Code	220A 240A
AWD One-speed TOD Transfer Case		
(Requires Adrenalin Package)	Body Code	— U23
V6/5-speed Automatic Transmission	Order Code	— 330A
V8/6-speed Automatic Transmission	Order Code	— 340A
Tires:		
P245/65R17 A/S OWL (requires XLT Appearance Package)	P	—
P245/65R17 A/T BSW H-rated (Cast Aluminum Wheel)	F	—
P255/50R20 A/S BSW (requires Adrenalin Package and 4x2 or AWD)	—	P
<b>Comfort/Convenience</b>		
Adjustable Pedals	P	P
Audio:		
Premium Sound System — AM/FM 6-CD/MP3 Capable Player, In-dash Changer with Subwoofer, inc. audio input jack	—	O <sup>(1)</sup>
SIRIUS® Satellite Radio	S	S
Voice-activated Navigation System with SIRIUS Travel Link™	—	O <sup>(1)</sup>
Cargo Cage, Bed Extender	O	O
Front License Plate Bracket	O	O
Limited Convenience Package	—	O
Moonroof, Power	—	O <sup>(1)</sup>
Reverse Sensing System (n/a with Adrenalin Package)	P	P
Seats:		
Power Seat with Cloth — Front buckets w/map pockets, 2-way adjustable head restraints, 6-way power driver and 4-way manual passenger seats, incl. recline and manual driver lumbar Rear — Fold-flat 60/40 split bench seat w/2-way head restraints, integrated seat restraints for the middle occupant and child seat anchor	P	—
Leather-trimmed — Two-tone heated front sport buckets w/map pockets, 2-way adjustable head restraints, 10-way power driver and 4-way manual passenger seats, incl. recline, power driver lumbar and manual passenger lumbar Rear — Fold-flat 60/40 split bench seat w/2-way head restraints, integrated seat restraints for the middle occupant and child seat anchor	—	S
Leather-trimmed Adrenalin — Monotone black with perforated heated leather insert, front sport buckets w/10-way power driver reclining seat and power driver lumbar and manual passenger seat Rear — Fold-flat 60/40 split bench seat w/2-way head restraints, integrated seat restraints for the middle occupant and child seat anchor	—	P
Ford SYNC® (includes electrochromic mirror and redundant steering wheel controls)	O <sup>(2)</sup>	S
Sun and SYNC Value Package	O <sup>(2)</sup>	—
Tonneau Cover, Hard	O	S
XLT Convenience Package	O	—
<b>Design/Styling</b>		
Adrenalin Package (requires 4x2 or AWD)	—	O
Black crossbars for black roof rails	O	—
Black crossbars for chrome roof rails	—	P
Black crossbars for silver roof rails	—	O
Wheels:		
17-inch cast aluminum wheels	P	—
18-inch chrome-clad aluminum wheels	—	P
20-inch polished aluminum wheel (requires Adrenalin Package and 4x2 or AWD)	—	P
Limited Chrome Package (n/a with Adrenalin Package)	—	O <sup>(1)</sup>
XLT Appearance Package	O	—

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

(1) Requires Limited Convenience Package.

(2) Requires XLT Convenience Package.

**NOTE:** The above information is an excerpt to be used with pages 5 and 6 of the 6/23/08 Sport Trac Dealer Ordering Guide.

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# 2009 Sport Trac

## Quality/Reliability/Durability

**QUALITY/RELIABILITY/DURABILITY**

**This page is about:**

- Noise, Vibration and Harshness (NVH)
- Body-on-frame Construction
- Fully Boxed Frame
- Interior Quietness
- Fail-safe Cooling System
- Corrosion Protection

## Overview

### Key Messages

#### Sport Trac



- Sport Trac combines the “Built Ford Tough” heritage and decades of SUV know-how for the best of both worlds
- Body-on-frame construction with fully boxed frame provides a strong foundation
- Sport Trac 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 Sport Trac 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.

#### 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: Sport Trac Quietness

A combination of features makes the 2009 Sport Trac one of the quietest Sport Utility Trucks (SUTs) in its class:

- Large exterior mirrors are designed to minimize wind noise, while at the same time sized for good rearview visibility
- Flooring and headliner are constructed from advanced lightweight sound-deadening material to help isolate outside noise sources
- Engine side dash insulator cuts down on engine noise
- Engines and transmissions are quiet and smooth
- Structure added to roof to reduce body boom
- Climate control system is quiet and efficient
- Two-piece driveshaft on all models to minimize vibration

(1) Under normal driving conditions.

# 2009 Sport Trac

## Quality/Reliability/Durability

**This page is about:**

- Fully Boxed Frame
- Fail-safe Cooling System
- Powertrain Electronic Controller (PTEC) with On-board Diagnostics System (OBD II)
- New Vehicle Limited Warranty
- 5-year/60,000-mile Powertrain Limited Warranty

### 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 Coverage

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

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

#### 24-Hour Roadside Assistance

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

# 2009 Sport Trac

## Performance/Handling

### PERFORMANCE/HANDLING

#### This page is about:

- Engines
- Control Trac® Four-wheel Drive System
- All-Wheel Drive (AWD)
- Independent Front Suspension
- Independent Rear Suspension
- Maximum Towing Capacity

## Overview

### Key Messages

#### Sport Trac



- Independent front and rear suspensions provide a smooth and responsive ride
- Customers can choose from a 4.0L V6 or 4.6L V8 engine
- A properly equipped Sport Trac can tow up to 7160 lbs. with the confidence of the new Trailer Sway Control to help maintain stability

### 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.



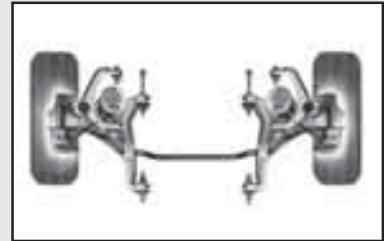
**Control Trac® four-wheel drive system** optimizes traction by transferring power to the appropriate wheels.

**All-Wheel Drive (AWD)** is available with the Sport Trac Adrenalin Package and helps maintain traction in a variety of driving conditions.

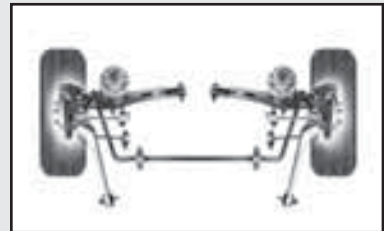


#### Suspension and Steering

**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

**7160-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.

# 2009 Sport Trac

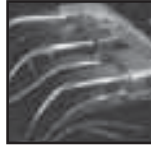
## Performance/Handling

**This page is about:**

- 4.0L 2-valve SOHC V6 Engine
- 4.6L 3-valve SOHC V8 Engine
- Fail-safe Cooling System
- Transmissions
- Control Trac® Four-wheel Drive System
- All-Wheel Drive (AWD)

### 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
- Mated to a 5-speed automatic transmission

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



- Optional on XLT and Limited models
- 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
- Meets the Federal Tier 2 Bin 4 standards and qualifies for California Ultra Low Emissions Vehicle II (ULEV II) standard
- Mated to a 6-speed automatic transmission

#### 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 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

#### 5-speed Automatic Transmission

- Provides smooth, efficient operation with no required maintenance under normal driving conditions
- Includes floor-mounted shifter

#### 6-speed Automatic Transmission

- First-in-class,<sup>(1)</sup> mated with the 4.6L 3-valve SOHC V8 engine
- More gears allow engine power to be matched with transmission 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
- Includes floor-mounted shifter
- Low levels of noise, vibration and harshness (NVH)

(1) Class is sport utility trucks.

#### Control Trac® Four-wheel Drive System

- Push-button switches on the instrument panel allow 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)

- 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
- Requires Adrenalin Package and 20-inch wheels
- AWD System and 20-inch wheels/tires are designed for and limited to on-road application and do not provide off-road capabilities

#### 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 Sport Trac's components.

# 2009 Sport Trac

## Performance/Handling

### PERFORMANCE/HANDLING

#### This page is about:

- Fully Boxed Frame
- Independent Front and Rear Suspension
- 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
- Stiffer 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 isolate road irregularities and achieve a remarkably smooth, responsive ride
- Packaging the independent rear suspension with the patented "porthole-in-frame" design allows Sport Trac to offer a cargo box with a low loadfloor height and plenty of cargo capacity
- Offers a significantly smoother and more responsive ride than vehicles with a solid rear axle
- Monotube shocks with variable-rate rear coil springs provide excellent curb ride with the capability of a high load-carrying capacity

### 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
- Includes 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 (XLT 4x2 and 4x4)
  - P245/65R17 OWL all-season tires (included in XLT Appearance Package)
  - P235/65R18 OWL all-season tires (Limited)
  - P255/50R20 A/S BSW tires (requires Adrenalin Package)

### 22.5-gallon Fuel Tank

- Provides excellent cruising range

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

Sport Trac's four-wheel independent suspension and fully boxed frame work together with a number of other features to give Sport Trac 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 for softer bushings that isolate the body from the frame and help provide a smooth ride
- Large brakes help contribute to high GVWR

# 2009 Sport Trac

## Performance/Handling

**This page is about:**

- Payload and Towing
- Neutral Towing

### Payload and Towing

#### Maximum Payload Capacity

- The maximum passenger capacity is 5 passengers

Model	Engine	Maximum Payload Capacity
4x2	4.0L 2V V6	1390 lbs.
4x4	4.0L 2V V6	1350 lbs.
AWD	4.0L 2V V6	1350 lbs.
4x2	4.6L 3V V8	1380 lbs.
4x4	4.6L 3V V8	1390 lbs.
AWD	4.6L 3V V8	1390 lbs.

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

Model	Engine	Maximum Towing Capacity
4x2	4.0L 2V V6	5250 lbs.
4x4	4.0L 2V V6	5080 lbs.
AWD	4.0L 2V V6	5080 lbs.
4x2	4.6L 3V V8	7160 lbs.
4x4	4.6L 3V V8	6990 lbs.
AWD	4.6L 3V V8	6990 lbs.

#### Standard Class II Trailer Towing Package

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

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

- Allows up to 7160 lbs. of towing with 4.6L 3-valve V8 4x2
- XLT and Limited models
- Includes trailer wiring harness, 7-pin and 4-pin connectors and frame-mounted hitch receiver

#### Trailer Sway Control

- Standard on all Sport Trac models
- Works with AdvanceTrac® with RSC® (Roll Stability Control™) to expand Sport Trac'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. This quick-reference chart will help answer whether or not Sport Trac can be neutral towed; however, be sure to consult the individual vehicle Owner's Guide for specific towing methods or restrictions.

Sport Trac	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 individual vehicle Owner's Guide for specific towing procedures and restrictions.

# 2009 Sport Trac

## Safety/Security

### SAFETY/SECURITY

#### This page is about:

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

## Overview

### Key Messages

#### Sport Trac



- Class-exclusive<sup>(1)</sup> 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 Sport Trac meet all known U.S. Government frontal and side-impact crash test requirements through the 2010 model year

### Key Features

#### Accident Avoidance

**AdvanceTrac® with RSC® (Roll Stability Control™)** helps the driver maintain vehicle stability in adverse driving situations such as taking a turn too fast or 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 significantly low.

#### Occupant Protection

**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.

**Three-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.

#### Child Safety

**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

**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.

**Remote Keyless Entry System** provides two handheld remote controls to lock or unlock all doors and liftgate. Includes a panic alarm button which will honk the horn and flash the park lamps.

(1) Class is sport utility trucks.

(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.

#### Government's Highest Safety Score

2008 Sport Trac was awarded the government's highest possible safety rating of five stars for both the frontal and side-impact crash tests as conducted by the National Highway Traffic Safety Administration (NHTSA).

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

2008 Sport Trac has been tested by the Insurance Institute for Highway Safety (IIHS) and earned a "Good" rating in the offset frontal test. This is the highest individual test rating available from the IIHS.

2009 Sport Trac has not yet been tested by the IIHS nor the NHTSA. Ford is confident that when testing is completed the Sport Trac will again receive the highest possible scores.

# 2009 Sport Trac

## Safety/Security

### Accident Avoidance



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

- AdvanceTrac with RSC is standard on all Sport Trac models — a segment first
- An electronic stability control system that helps maintain vehicle stability in extreme driving situations such as taking a turn too fast or 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 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





### 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

ENGINEERING INSIGHT: TPMS Warning Light	
<b>Low Tire Warning Light</b>  <b>Solid Warning Light</b> 	<b>Customer Action Required</b>  Check tire pressure to ensure proper inflation. Ford recommends a digital or dial-type tire pressure gauge for increased accuracy. <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

#### 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

##### 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

**This page is about:**

- Intelligent Safety System™ cont'd
- 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)

#### 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

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

- 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 seating positions
- 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 first- and second-row passengers
- 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 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 (20 km/h)

### 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 only for the outboard seating positions of the second-row seat
- 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

# 2009 Sport Trac

## Comfort/Convenience

### COMFORT/CONVENIENCE

#### This page is about:

- Articulating Head Restraints
- Ford SYNC®
- Voice-activated Navigation System with SIRIUS Travel Link™
- Power Rear Window
- Composite Cargo Bed
- Cargo Bed Extender

## Overview

### Key Messages

#### Sport Trac



- Sport Trac — a proven, rugged, capable SUT — offers an impressive list of comfort and convenience features
- A large, well-equipped interior provides unique functionality for work, family and play
- New Voice-activated Navigation System with SIRIUS® Travel Link™ includes a 10 GB Music Jukebox

### Key Features

#### Seating

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



#### Exterior

**Composite cargo bed** is tougher and more durable than steel boxes and eliminates the need for a bedliner.



#### Interior

**Ford SYNC®**<sup>(1)</sup> is a new fully integrated voice-activated in-vehicle communications and entertainment system for Bluetooth®<sup>(2)</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>(1)</sup> SIRIUS Travel Link provides access to traffic, weather and sports updates, and movie listing information.<sup>(3)</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.

**Power rear window** allows added cabin ventilation or access to the cargo area.

**Cargo bed extender** is removable and increases the cargo bed length to over 6 feet.

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



(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.

(3) 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.

**This page is about:**

- Seating Comfort
- First Row
- Second Row

### Seating Features

#### Seating Comfort

- High-density foam provides outstanding seat comfort, providing plush, yet firm, support
- Two cloth types and optional leather-trimmed seating surfaces
- Ergonomically placed controls
- 10-way power driver's seat adjustment

#### First Row

- Two-tone reclining front bucket seats with 2-way adjustable head restraints
- Finding the optimal driving position is made easy with the following features:
  - 10-way power heated driver's seat with power recline (included with leather-trimmed seats)
  - Tilt steering wheel
  - Power adjustable accelerator and brake pedals



#### Second Row

- Fold-flat 60/40 split bench seat
- 2-way head restraints
- 3-point safety belts in all three seating positions
- LATCH child safety seat feature
- Exceptional seating/cargo flexibility

# 2009 Sport Trac

## Comfort/Convenience

### COMFORT/CONVENIENCE

#### This page is about:

- Composite Cargo Bed
- Cargo Bed Extender
- Hard Tonneau Cover
- Power Rear Window
- Washable In-cab Rubber Flooring

## Exterior Capability

### Composite Cargo Bed

- Flareside cargo box styling
- Made of Sheet Molded Compound (SMC) which is rustproof and scratch and dent resistant
- Tougher and more durable than conventional steel boxes
- Eliminates the need for a bedliner
- Sport Trac name embedded in back of bedliner
- Cargo tie-downs (6 on outside and 4 on inside)
- Molded-in features to allow multiple layer cargo storage
- Three integrated storage compartments with drainage
- Cargo bed 12V power point

### Cargo Bed Extender

- Extends the already flexible cargo bed to over 6 feet long with a storage area of 25 by 45 inches
- Rotates 180 degrees to extend utility
- Easily removable
- Cannot be used with cargo area divider
- Setscrews help deter theft



### Hard Tonneau Cover

- Provides a secure, protective cover for items in the cargo bed
- Water resistant
- Standard on Limited, optional on XLT

### Power Rear Window

- Switch is conveniently located in the overhead console
- Allows added cabin ventilation or access to the cargo area



## Interior Features

**Leather-wrapped steering wheel** adds additional comfort and upscale feel to interior.

**Instrument panel** features ergonomically designed controls for ease of use — all primary controls within the driver's reach. The message center is conveniently located in the instrument panel, ensuring it is easy to read/see.

**Dual-zone Electronic Automatic Temperature Control (included in the Limited Convenience Package)** allows for different temperature settings for the driver and front passenger.

**One-touch-down driver's window switch** provides additional convenience.

**Power adjustable accelerator and brake pedals** allow drivers to adjust the pedals almost 3 inches forward/rearward to a comfortable driving position.

**Washable in-cab rubber flooring** provides utility for rugged use, easy care and enhanced sound insulation, combined with removable Berber carpet inserts for customers who desire more traditional trim.

**Drop-in storage bin with power point** adds additional convenience for storage and electronic accessories.

**Reverse Sensing System** alerts driver to certain objects up to 6 feet behind the vehicle when slowly backing up.

**One-touch integrated start ignition switch** activates a computer-assisted cranking system that assists in starting the engine. Once the ignition switch is turned to the START position the Powertrain Control Module (PCM) takes control of starter engagement.

# 2009 Sport Trac

## Comfort/Convenience

**This page is about:**

- Accessory Delay
- Autolamp Feature
- Heated Front Seats
- Power Moonroof
- Packages

### 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 (standard on Limited; included in XLT Convenience Package)
Heated Front Seats	Part of the leather-trimmed seating surfaces standard on Limited
Power Moonroof	Provides the feeling of open-air touring
Steering Wheel Audio Controls	For easy accessibility and convenience

### Packages

#### Limited Convenience Package

- Dual-zone Electronic Automatic Temperature Control
- 4-line message center
- Power adjustable pedals
- Reverse Sensing System (not available with Adrenalin Package)

#### XLT Convenience Package

- Electrochromic auto-dimming rearview mirror
- Automatic headlamps
- SecuriCode™ Keyless Entry Keypad
- Power driver's seat (6-way)
- Power adjustable pedals
- Reverse Sensing System

#### Sun and SYNC Value Package

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

# 2009 Sport Trac

## Comfort/Convenience

### COMFORT/CONVENIENCE

#### This page is about:

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

## Audio/Navigation/Entertainment

### Audio Systems

- MP3 capable
- Satellite Digital Audio Receiver System (SDARS) capable
- AM/FM with single-disc CD
- Premium AM/FM stereo with 6-disc in-dash CD player
- Auxiliary audio input jack
- See page 24 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 25 for more information

### Ford SYNC®

Ford and Microsoft® have teamed up to develop Ford SYNC. This exclusive technology will change the way customers use their digital media and Bluetooth®<sup>(2)</sup> wireless technology enabled mobile phones.<sup>(3)</sup> SYNC allows drivers to stay connected to the information, entertainment and people they care about while on the road. SYNC features:

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

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

- 6.5-inch LCD touch-screen display<sup>(3)</sup>
- 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 the vehicle is in Park
- Includes a single-disc version of the Premium audio system
- See page 25 for more information

### SIRIUS Travel Link<sup>(3, 4)</sup>

- Real-time traffic updates every 2.5 minutes and includes automatic rerouting capability
- Real-time weather updates every 30 minutes provide current weather and five-day forecast
- Fuel pricing for over 120,000 gas stations
- Sports updates and movie listings
- 6-month complimentary subscription subject to location and availability<sup>(1)</sup>
- See page 25 for more information

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

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

(3) 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.

(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.

- Exterior Styling
- Interior Styling

# 2009 Sport Trac

## Design/Styling

### Overview

#### Key Messages

##### Sport Trac



- Adrenalin Package gives Sport Trac's rugged styling some urban attitude with 20-inch polished aluminum wheels, bold monochromatic appearance and distinctive exterior and interior treatments
- The interior is stylish, ergonomic and equipped to provide the ultimate SUT experience
- Sport Trac offers two distinct models — XLT and Limited

#### Key Features

##### Exterior Styling

**Adrenalin Package** includes 20-inch polished aluminum wheels, black grille, bold monochromatic appearance and extended front and rear fascias. See page 23 for more information.

**Roof rack and step bars** add functionality and contribute to the true sport utility look.

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

**Fog lamps** are a rugged styling cue integrated into the front fascia.

**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 Sport Trac's rugged stance.

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

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

##### Interior Styling

**Adrenalin Package** includes a Charcoal Black interior environment. See page 23 for more information.

**Second-row 60/40 split-bench seat** design provides flexible seating and cargo hauling choices.



# 2009 Sport Trac

## Design/Styling

### DESIGN/STYLING

#### This page is about:

- XLT Appearance Package
- Limited Chrome Package
- Adrenalin Package
- Wheels
- XLT and Limited Exterior Differentiation

## Packages

### XLT Appearance Package

- P245/65R17 A/S OWL tires
- Side step bars (black)
- 17-inch cast aluminum wheels

### Limited Chrome Package

- 18-inch chrome-clad aluminum wheels
- Chrome mirror caps
- Chrome step bars
- Chrome roof rails

### Adrenalin Package

Sport Trac with the Adrenalin Package provides a bold, monochromatic appearance, aggressive stance and the swagger of a street-tuned SUV. The Adrenalin Package is available on V6 or V8 models with either 4x2 or All-Wheel Drive (AWD) configurations. Key Adrenalin features include:

#### Exterior

- Black grille
- Unique extended front and rear fascias
- Unique headlamps and fog lamps
- Color-keyed fender vents and running boards
- 20-inch polished aluminum wheels with P255/50R20 all-season BSW tires
- Wheelip moldings and roof rack deleted
- Single rear exit exhaust with chrome dual tip
- Adrenalin tailgate badge

#### Interior

- Dark Charcoal leather-trimmed sport bucket seat with perforated leather inserts
- Dark Charcoal instrument panel, door inserts and console lid
- Stone headliner
- Floor mats embroidered with Adrenalin logo

#### Available Colors

- Black Clearcoat
- Brilliant Silver Clearcoat Metallic
- Colorado Red
- White Suede Clearcoat

## 16-, 17-, 18- and 20-inch Wheels

- Provide exterior differentiation as well as athletic, rugged style
- Available wheels include:
  - 16-inch painted aluminum wheels standard on XLT
  - 17-inch painted aluminum wheels included in XLT Appearance Package
  - 18-inch machined aluminum wheels standard on Limited
  - 18-inch chrome-clad aluminum wheels included in Limited Chrome Package
  - 20-inch polished aluminum wheel included in Adrenalin Package

## Exterior Differentiation

### Sport Trac XLT

- Molded-in-color black bumpers, cladding and wheelip moldings
- 16-inch painted cast aluminum wheels
- Black roof side rails
- Molded-in-color black exterior mirror caps

### Sport Trac Limited

- Body-color bumpers, cladding and wheelip moldings
- 18-inch machined aluminum wheels
- Painted silver roof side rails
- Painted silver step bars
- Body-color exterior mirror caps

# 2009 Sport Trac

## Audio/Navigation/Entertainment

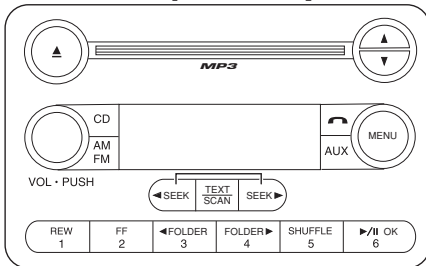
**This page is about:**

- 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 Sport Trac 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 locates 6 strongest AM or FM stations
- Digital clock

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

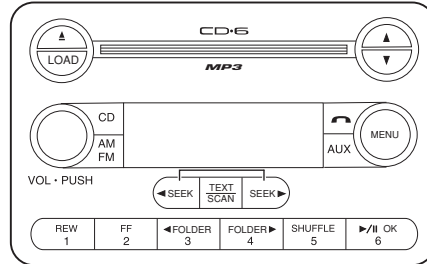


- 80 watts of power
- 4 speakers
- **RDS (Radio Data System) function** when selected, allows the following:
  - Only for FM radio stations supporting RDS capability
  - Radio station call letters appear on radio display
  - Type of music format appears on radio display
  - Search for type of music format
  - Traffic information broadcasts
- **Speed Compensated Volume (SCV)** compensates for changing ambient noise levels by adjusting the volume of the radio according to the vehicle's speed signal. Allows 7 volume adjustment levels. Adjustable through the menu
- **Compression** allows the audio dynamic range to be compressed so quieter music is boosted and louder music is lowered to compensate for ambient noise level when enabled during CD mode
- **Repeat** will play the selected track continuously until Repeat is deactivated when enabled during CD mode
- **Shuffle** plays tracks in random order
- Automatic disc storage

**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 Capable Changer**



- 190 watts
- 7 speakers, including subwoofer and 2 tweeters
- **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



# 2009 Sport Trac

## Audio/Navigation/Entertainment

AUDIO/NAVIGATION/ENTERTAINMENT

This page is about:

Voice-activated Navigation System with  
SIRIUS® Travel Link™  
SIRIUS Satellite Radio

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



- Includes a single-disc version of the Premium audio system
- **Voice activation** recognizes certain voice commands to operate the system hands-free<sup>(1)</sup>
- **6.5-inch LCD touch screen** operates navigation and audio functions
- **Hard-drive-based system** includes 10 GB of storage for photos and music
- Integrated **climate control** functions
- **Traffic and weather information, fuel pricing, sports updates and movie listings** provided by SIRIUS Travel Link. Learn more about the capabilities in the "A Closer Look" box at right
- **Bird's-eye map** provides a "3D" view of route, landmarks and Points of Interest (POI)
- **Music Jukebox capability** allows for 10 GB storage and access to around 2,400 songs (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

#### For More Audio Information

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

### 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 subject to location or availability<sup>(3)</sup> included with Voice-activated Navigation System
- More information is available online at [www.sirius.com](http://www.sirius.com) or toll-free at (888) 539-SIRIUS (7474)

### SIRIUS Satellite Radio

- Includes 6 months complimentary subscription subject to location and availability<sup>(3)</sup>
- 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)

(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.

## WHEELS

# 2009 Sport Trac Wheels

### This page is about:

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

Wheel		Order Code	XLT	Limited
16" Painted Cast Aluminum Wheel (16" x 7")		64E	Standard on Order Codes 110A, 120A, 210A, 220A	—
17" Painted Cast Aluminum Wheel (17" x 7.5")		64H	Included with XLT Appearance Package (66T)	—
18" Machined Aluminum Wheel (18" x 7.5")		64T	—	Standard on Order Codes 130A, 140A, 230A, 240A
18" Chrome-Clad Aluminum Wheel (18" x 7.5")		67A	—	Included with Limited Chrome Package (67A)
20" Polished Aluminum Wheel (20" x 8")		67D	—	Optional <sup>(1)</sup>

— = Not available

(1) Requires Adrenalin Package.

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

# 2009 Sport Trac

## Interior Trim

### INTERIOR TRIM

This page is about:

XLT —  
Limited —

Interior Trim Type and Color Selector NOTE: First character denotes type; second character denotes color.	Interior Colors	
	Camel	Dark Charcoal
<b>XLT (standard)</b> Cloth Low-back Bucket Seats with 2-way Adjustable Head Restraints, Cloth 60/40 Folding Rear Bench	Two-Tone <sup>(1)</sup> UC	Monotone <sup>(2)</sup> UW
<b>XLT (optional)</b> Cloth Low-back Bucket Seats with 6-way Power Driver, 2-way Adjustable Head Restraints and Manual Driver Lumbar Support, Cloth 60/40 Folding Rear Bench	Two-Tone <sup>(1)</sup> WC	Monotone <sup>(2)</sup> WW
<b>Limited</b> Two-tone Heated Leather-trimmed Low-back Bucket Seats with 10-way Power Driver and 4-way Manual Passenger Seat, 2-way Adjustable Head Restraints, includes Recline, Power Driver Lumbar and Manual Passenger Lumbar, Leather-trimmed 60/40 Folding Rear Bench	TC	TW
<b>Limited (Adrenalin Package)</b> Monotone Black with Perforated Leather Insert, Heated Front Sport Bucket Seats with 10-way Power Driver Reclining Seat and Power Lumbar, Manual Passenger Seat, Leather-trimmed 60/40 Folding Rear Bench	—	MW

(1) Camel environment with Two-Tone Camel/Sand seats.

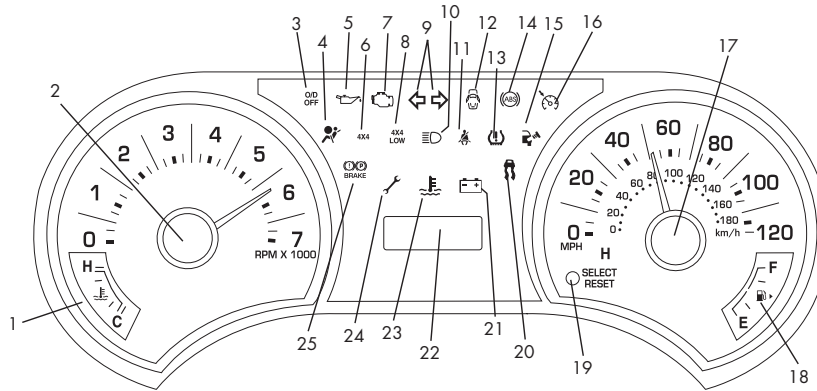
(2) Charcoal environment with Monotone Black seats.

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

# 2009 Sport Trac

## Instrument Cluster

### XLT Instrument Cluster



- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul 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> </ul> | <ul 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> </ul> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

(1) If equipped.

# 2009 Sport Trac

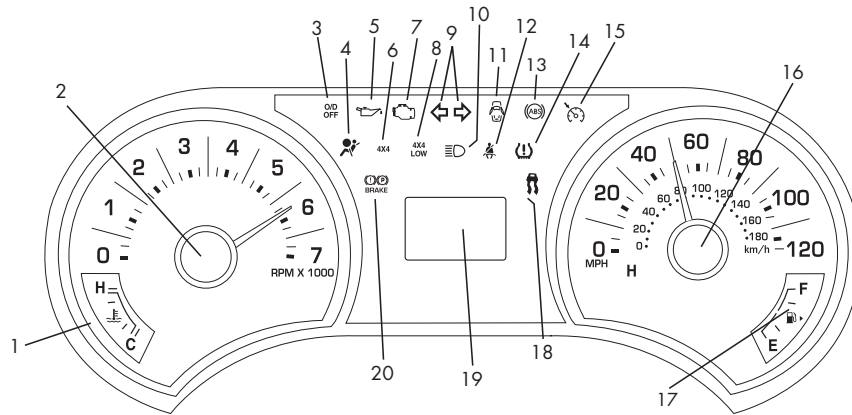
## Instrument Cluster

### INSTRUMENT CLUSTER

This page is about:

Limited Instrument Cluster

### Limited Instrument Cluster



1. Engine coolant temperature gauge
2. Tachometer
3. Overdrive off indicator
4. Airbag readiness indicator/warning light
5. Low engine oil pressure warning light
6. 4x4 HIGH system indicator light<sup>(1)</sup>
7. Check engine warning light
8. 4x4 LOW system indicator light<sup>(1)</sup>
9. Turn signal indicator lights
10. High-beam indicator light
11. Door ajar warning light
12. Fasten safety belt indicator/warning light
13. Anti-lock Braking System (ABS) indicator/warning light
14. Low tire pressure warning light
15. Electronic speed control indicator light
16. Speedometer
17. Fuel gauge
18. AdvanceTrac® with RSC® (Roll Stability Control™) indicator/warning light
19. Odometer/trip odometer/message center display
20. Brake system warning light/parking brake indicator light

(1) If equipped.

# 2009 Sport Trac

## GVWR, Payload and Towing

**This page is about:**

- GVWR, Payload and Trailer Towing Weights
- Trailer Towing Applications
- Special Applications

### GVWR, Payload 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	6100	12,000	1390	7160
4x4	6280	12,000	1390	6990
AWD	6280	12,000	1390	6990 <sup>(2)</sup>

(1) Properly equipped.

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

**NOTE:** Additional towing information: 2009 RV & Towing Guide 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	3.73	10,000	5250	5080 <sup>(1)</sup>
4.6L (281) 3V SOHC SEFI V8	3.55	12,000	7160	6990

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

**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 Tow Package Class III/IV
- Not to exceed 60 square feet:
  - With Trailer Tow Package Class III/IV

#### Required Equipment

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

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

- Includes trailer wiring harness, 7-pin and 4-pin connectors
- Frame-mounted hitch receiver (weight-carrying capacity – 5000 lbs., weight-distributing capacity – 7160 lbs.)

### 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 Sport Trac

## 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	Payload	Accessory Reserve Capacity
4x2 V6	6020	1390	306
4x4/AWD V6	6160	1350	319
4x2 V8	6100	1380	306
4x4/AWD V8	6280	1390	319

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

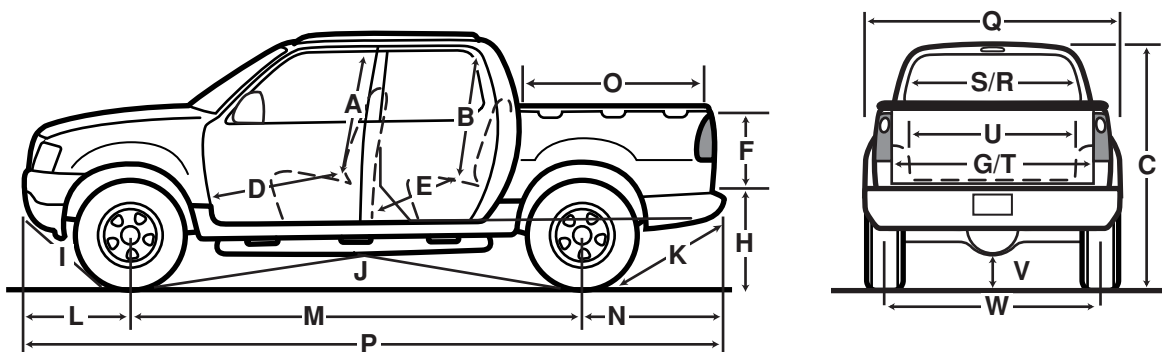
Option Weight	(Front/Total) (lbs.)
<b>WHEELS/TIRES:</b>	
17 x 7.5 Cast Aluminum Painted	(7/21)
18 x 7.5 Machined Aluminum Wheel	(9/18)
18 x 7.5 Chrome-clad Aluminum	(16/40)
20 x 8.0 Cast Aluminum Machined	(23/59)
P245/65R17 A/S OWL	(8/17)
P235/65R18 A/S OWL	(5/10)
P255/50R20 A/S BSW	(7/17)
Spare Tire — P245/65R17	(-1/3)
Spare Tire — P235/70R16 104S BSW A/S	(0/0)
Spare Tire — P235/65R17 105S BSW A/T	(-1/3)
Spare Tire — P235/65R18 BSW A/S	(-1/2)
<b>TRIM LEVELS:</b>	
Limited	(1/3)
<b>AUDIO:</b>	
Radio — Premium 6-disc CD/50W	(2/3)
Voice-activated Navigation System	(4/5)
DVD Audio System	(4/9)
Premium Sound System	(4/16)
<b>INTERIOR:</b>	
Console — Floor — High Feature	(2/3)
Moonroof — Power	(16/32)
Electrochromic I/S Mirror	(1/1)
Auto Headlamp Control	(1/1)
Subtotal: Front/Total	___/___

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

Option Weight	(Front/Total) (lbs.)
<b>INTERIOR/CONVENIENCE/POWER cont'd</b>	
Message Center	(1/1)
Large Overhead Console	(2/2)
Mini Overhead Console	(1/1)
Adjustable Foot Pedals	(2/2)
Reverse Sensing System	(0/1)
Bucket Seats All Leather Seating (includes weight of Power Driver)	(2/7)
Power Seat Track Driver 6-way	(5/9)
Power Seat Track Driver 10-way Reclining	(6/12)
<b>EXTERIOR:</b>	
Tubular Step Bars Black	(25/50)
Class III/IV Trailer Tow	(-1/4)
Skid Plate Package	(4/13)
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)
Remote Keyless Entry	(0/1)
Daytime Running Lamps — Canada	(1/1)
Roof Rack with Crossbars	(2/6)
Hard Tonneau Cover	(-2/45)
Wheellip Moldings — Painted	(2/3)
Wheellip Moldings — Riveted Design	(2/3)
Subtotal: Front/Total	___/___
Subtotal: From 1st Col.	___/___
Line A: Total Actual Option Content/Weight:	___/___

## 2009 Sport Trac

## Dimensions



## DIMENSIONS

Code	Description	4-Dr. Sport Trac (in.)
A	Head Room (Front)	39.8
B	Head Room (Rear)	38.5
C	Max. Vehicle Height w/Options (Empty)	72.5
D	Leg Room (Front)	42.4
E	Leg Room (Rear)	36.9
F	Pickup Box Height	21.2
G	Pickup Box Width @ Floor (Maximum)	61.4
H	Pickup Box Open Tailgate to Ground (Empty)	30.9
I	Approach Angle (Empty)	28.7°
J	Ramp Breakover Angle (Empty)	17.2°
K	Departure Angle (Empty)	17.2°
L	Front Overhang	35.4
M	Wheelbase	130.5
N	Rear Overhang	44.3
O	Pickup Box Length @ Floor	49.6
P	Vehicle Length	210.2
Q	Vehicle Width (excluding mirrors)	73.7
	Vehicle Width (including mirrors)	84.8
	Vehicle Width (mirrors folded)	77.5
R	Shoulder Room (Front)	59.0
	Shoulder Room (Rear)	58.9
S	Hip Room (Front)	55.4
	Hip Room (Rear)	55.5
T	Pickup Box Cargo Rear Opening Width @ Top	49.5
U	Cargo Width Between Wheelhouses	45.0
V	Minimum Running Ground Clearance	8.5
W	Track (Frt/Rr)	60.8/61.8

## Fuel Tank Capacity

Engine	Availability	Location	Capacity (gallons)
4.0L 2V SOHC V6	Standard Tank	Midship	22.5
4.6L 3V SOHC V8	Standard Tank	Midship	22.5

## Base Curb Weights

Model	Front (lbs.)	Rear (lbs.)	Total (lbs.)
4.0L - 4x2	2507	2076	4583
4.6L - 4x2	2592	2081	4673
4.0L - 4x4	2646	2107	4753
4.6L - 4x4	2728	2112	4840

## Cargo Volume

	4-Dr. Sport Trac
Cargo Area/Pickup Box (cu. ft.)	37.5
Rear of Front Seat (cu. ft.)	44.4

# 2009 Sport Trac

## Seating Capacity and Standard Equipment Specifications

SPORT TRAC

<b>SERIES</b>	<b>4-Dr. Sport Trac</b>		
Passenger Package	STD		
Passenger Capacity	5		
<b>SEATING ARRANGEMENTS INCLUDE:</b>			
Standard Buckets	— Dual front		
Bench	— 3-pass. rear		
<b>GVWR: (lbs.)</b> (Computer Selected - not to be advertised)	— 4x2	6020 (V6)	6100 (V8)
	— 4x4/AWD	6160 (V6)	6280 (V8)
Passenger/Cargo Capacity (lbs.)	— 4x2	1390 (V6)	1380 (V8)
	— 4x4/AWD	1350 (V6)	1390 (V8)
<b>GAWR: (lbs.)</b>			
4x2 Models	— Front Min.	3000	
	— Front Max.	3080	
	— Rear Min.	3320	
	— Rear Max.	3320	
4x4/AWD Models	— Front Min.	3140	
	— Front Max.	3240	
	— Rear Min.	3340	
	— Rear Max.	3340	
<b>POWERTRAIN:</b>			
	Refer to Dealer Ordering Guide for 50 State Usage		
Engine	— Application	50 States	
	— Type (Ford)	4.0L (245) 2V SOHC SEFI	
Transmission	— Cooling	Super	
	— 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. (4x2/4x4)	
Rear Axle	— Type	Semi-Floating, Ford	
	— Capacity (Rating @ Ground)	3600 lbs.(4x2/4x4)	
<b>BRAKES:</b>			
Front Disc	Includes brake shift interlock		
	— 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	

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## Seating Capacity and Standard Equipment Specifications cont'd

<b>SERIES</b>	<b>4-Dr. Sport Trac</b>	
Anti-lock System	— Type	4-Wheel ABS with RSC®
Parking Brake	— Rear Brakes	Foot-Operated, Hand Release
<b>ELECTRICAL:</b>		
Alternator	— Rating	130 Amperes, 1950 Watt (4G)
Battery	— Type	Maintenance-Free
	— Rating	72 Amp-hr., 650 CCA (Battery Saver System Standard)
<b>FUEL TANK:</b>	— Capacity: (Midship)	22.5 gal.
<b>JACK:</b>	— Capacity	1.5 ton
<b>STEERING:</b>	— Type	Power, Ford - Rack-and-pinion (Includes Steering Cooler)
	— Ratio	17.0:1
<b>SUSPENSION:</b>	— Type	Front: Independent SLA with Coil-Over Shock
	— Type	Rear: Independent Trailing Blade SLA with Coil-Over Shock
Frame	— Type	Ladder type, fully boxed with 9 crossmembers, two of them through the rail design. Steel is minimum of 36,000 psi with 80,000 psi at midrail point for improved safety
Springs, Front	— 4x2	3000 (min.)
	— 4x4	3140 (min.)
Springs, Rear	— 4x2	3400 (min.)
	— 4x4	3400 (min.)
Shock Absorbers	— Frt/Rr (Gas-Type)	1.375"
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, A/S, OWL 4x2, 4x4 XLT Five, Steel-Belted Radial, A/S, OWL 4x2, 4x4 Limited
	— Size	P235/70R16 A/S OWL; P245/65R17 A/S OWL; P235/65R18 A/S OWL; P255/50R20 A/S BSW
	— Spare Tire Carrier	Rear Under-Frame, Crank-Up Type and Road-Size Spare
<b>WHEELS:</b>	— No./Type	XLT: 16" Cast Aluminum-Painted; 17" Cast Aluminum Limited; 18" Cast Aluminum-Machined; 20" Polished Aluminum

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## Technical Specifications

SPORT TRAC

### Axle

#### FRONT AXLE SPECIFICATIONS

<b>Make/Type</b>	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

<b>Make</b>	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 (pint)	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	Overhung
Differential	— Type	2-Pinion
	— Bearings	Tapered Roller

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## Technical Specifications cont'd

### 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	11.97	8.19	Outboard	8.06/0.43	Dual - 2.01	32.24	239.34
				Inboard	8.06/0.43			
Rear Disc	3600	11.81	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 and 1/16th

(1) Includes 4-Wheel Anti-lock System with RSC® - Operates in all Drive Modes.

#### POWER BRAKES VACUUM BOOSTER SPECIFICATIONS

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

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## Technical Specifications cont'd

SPORT TRAC

### 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) 2V SOHC SEFI V6	Std.	Auto.	504	23.8	21.3	1.4	1	12.7	7.8	Plastic/11	18.0
4.6L (281) 3V SOHC SEFI V8	Std.	Auto.	507	23.8	21.3	1.4	1	12.7	8.5	Plastic/11	18.2

#### AUXILIARY AUTOMATIC TRANSMISSION OIL COOLER (Standard)

Engine	Transmission	Size	No. of Plates
4.0L (245) 2V SOHC SEFI V6	5-Speed Auto. OD (5R55S)	10.0" x 7.0" x 1.25"	22
4.6L (281) 3V SOHC 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) 2V SOHC V6	4.6L (281) 3V SOHC 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

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## Technical Specifications cont'd

### Suspensions

#### FRAME SPECIFICATIONS

Ladder type, fully boxed with 9 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 SPECIFICATION

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 (lb./in. each)	Rating Each @ Pad (lbs./spring)
3000	8.54	3.77	0.577	230	1827
3080	8.54	3.75	0.585	240	1885
3140	8.54	3.72	0.598	251	1963
3240	8.54	3.72	0.598	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 (lb./in. each)	Rating Each @ Pad (lbs./spring)
3400	11.1	4.5	0.708	236	1940
3400	11.1	4.5	0.708	236	1940

# 2009 Sport Trac

## Technical Specifications cont'd

SPORT TRAC

### 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 All-Season OWL	7.0	9.45	Std.	12.99	721
P245/65R17 All-Terrain BSW	7.5	9.92	Std.	13.18	709
P245/65R17 All-Season OWL	7.5	9.92	Std.	13.18	709
P235/65R18 All-Season OWL	7.5	9.45	Std.	15.50	695
P255/50R20 All-Season 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. Whl. Cap. Load (lbs. @ ground)
Cast Aluminum — Painted	16" x 7.0" J	.44	5	4.5	1700
Cast Aluminum — Painted	17" x 7.5" J	.44	5	4.5	1700
Cast Aluminum — Machined	18" x 7.5" J	.44	5	4.5	1700
Cast Aluminum — Polished	20" x 8.0" J	.35	5	4.5	1700
Chrome-Clad Aluminum	18" x 7.5" J	.44	5	4.5	1700
Steel Spare	16" x 7.0" J	.44	5	4.5	1700
Steel Spare	17" x 7.5" J	.44	5	4.5	1700
Steel Spare	18" x 7.5" J	.44	5	4.5	1700

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## Technical Specifications cont'd

### 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	6R60E 6-Speed Automatic Overdrive
Model	4x2/4x4	4x2/4x4
Engine	4.0L (245) 2V SOHC SEFI V6	4.6L (281) 3V SOHC SEFI V8
Ratios (to 1):		
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	N/A	0.69
Reverse	3.07	3.40
Final Drive	0.71	0.69
Converter	2.2	
Lubricant Capacity (pt.)	12.0	
Helical Gears	Air/Oil	
Oil Cooler	Water	