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WHAT'S NEW**This page is about:**

- Key Messages
- Model/Series Changes
- Exterior and Interior Changes
- Functional Changes
- Option Changes
- Key Competitors

2009 Ranger

What's New

Overview

Key Messages

RANGER



- Compact pickup buyers continue to keep Ranger among the top choices where quality and value count most
- Wide array of cab and bed size configurations give Ranger a value price point advantage over the competition
- The main things to tell customers about Ranger:
 - It's economical (a good value)
 - 2.3L DOHC I-4 engine has outstanding fuel economy
 - Legitimate off-road capability, especially with FX4 Off-Road
 - High-performance Pioneer® audio system

Model/Series Changes

- Regular Cab 4x4 (R11) configurations have been eliminated from the product lineup. Regular Cab 4x2 (R10) will not be affected by this action

Exterior Changes

- Colors added:
 - Silver Clearcoat Metallic (YN) will be available on XL only in lieu of Pueblo Gold at Job 1
 - Silver Clearcoat Metallic will be available on all other models at Job 2
- Color deleted:
 - Pueblo Gold Clearcoat Metallic

Interior Changes

- Medium Dark Flint will be the only interior trim color offered on XL, XLT and SPORT
 - Available in standard vinyl, cloth or optional leather-trimmed

Functional Changes

- Only the 2.3L DOHC I-4 and the 4.0L SOHC V6 engines will be offered in combination with the standard 5-speed manual or optional 5-speed automatic transmission
- The 3.0L OHV V6 engine is no longer in production
- Trailer Tow Hitch is standard on all models, Class III capability available on properly equipped V6 models only
- Rancho® shocks are standard on 4x4 SuperCabs with Payload Package #2
- Payload Package #2 will no longer be available as an option on all Regular Cab 4x2 (R10) models
- Mid and aft skid plates are standard on all 4x2 SuperCabs

Option Changes

- SIRIUS® Satellite Radio is standard on all SPORT and FX4 Off-Road models, and available on XL and XLT models



Key Competitors

- **Chevrolet Colorado** claims it supplies a combination of power, comfort, utility and good looks
- **Dodge Dakota** claims to stand alone as the largest, most powerful and most capable midsize pickup truck in the market
- **Nissan Frontier** claims it is the bold and powerful midsize pickup that offers more adventure and capability
- **Toyota Tacoma** claims to provide industry-leading quality, dependability and reliability

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

2009 Ranger

What's Important

WHAT'S IMPORTANT

This page is about:

Product Highlights

Ranger

Product Highlights

KEY RANGER FEATURES

Two engines
(pg. 8, 9)

**Outstanding fuel economy
from 2.3L DOHC I-4
16-valve engine** (pg. 9)



**FX4
OFF ROAD**

Off-road capabilities
(pg. 11)



Superior audio systems
(pgs. 23, 24)



**5-year/60,000-mile
Roadside Assistance**
(pg. 16)

**5-year/60,000-mile
Powertrain Warranty**
(pg. 16)

Performance/Handling

- Two engines:
 - 2.3L DOHC I-4 16-valve
 - 4.0L SOHC V6 12-valve
- Outstanding fuel economy from 2.3L DOHC I-4 16-valve engine
- Two transmissions:
 - 5-speed manual
 - 5-speed automatic
- Electronic Shift-on-the-fly 4x4 System
- Limited-slip rear axle
- 6000-lb. maximum towing capacity when properly equipped
- Off-road capabilities
- Skid plates
- Class-exclusive⁽¹⁾ 7-foot cargo box

Design/Styling

- 4x2 and 4x4 exterior differentiation
- Variety of grille inserts, surrounds and lower bumper valance, depending on series
- Monochromatic appearance on Ranger SPORT
- Two-tone appearance on FX4 Off-Road
- Step bars
- Fog lamps (select models)
- Class-exclusive⁽¹⁾ 7-foot cargo box

Quality/Reliability/Durability

- Corrosion protection
- Fully boxed front frame
- Double-wall cargo box
- Durability tested
- 5-year/60,000-mile Powertrain Warranty
- 5-year/60,000-mile Roadside Assistance

Safety/Security

- Personal Safety System®
- Driver and Front Passenger Airbag Supplemental Restraint System (SRS)
- Height-adjustable 3-point lap/shoulder safety belts for driver and front passenger
- Tire Pressure Monitoring System (TPMS)
- SecuriLock® passive anti-theft system
- Fuel pump auto shutoff
- 24-Hour Roadside Assistance

Comfort/Convenience

- Superior audio systems with MP3/SAT capability
- Auxiliary audio input jack
- SIRIUS® Satellite Radio (65R)
- Rear jump seats
- Sliding rear window
- Two-tier loading

(1) Class is compact pickup trucks.

MODEL LINEUP**This page is about:**

XL

2009 Ranger

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 Ranger. 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 Ranger is available in four models:

- XL (standard model)
- XLT
- SPORT
- FX4 Off-Road

XL — Standard model**Performance/Handling**

- Drivetrain:
 - 4x2 (Regular/SuperCab)
 - 4x4 (SuperCab)
- Engine:
 - 2.3L DOHC I-4 (4x2)
 - 4.0L SOHC V6
- Brakes
 - 4-wheel Anti-lock Braking System (ABS)
 - Front disc/rear drum
- Rack-and-pinion steering
- Suspension
 - Front Short- and Long-Arm (SLA) independent
 - Coil spring, front (4x2 XL, XLT, SPORT Regular Cab)
 - Torsion bar, front (All 4x4, 4x2 SPORT SuperCab)
 - Front stabilizer bar
- Tires
 - 4x2: P225/70R15 A/S BSW (4)
 - 4x4: P235/75R15 A/T OWL (4)
- Trailer Tow Hitch

Design/Styling

- Black door latch handles
- Black H-bar grille
- Black front and rear step bumpers
- Black manual exterior mirrors
- Mud flaps/stone guards (series dependent)
- Raised power dome hood
- Steering wheel, 4-spoke
- Wheels – 15" 7-spoke silver steel (4)

Quality/Reliability/Durability

- 90,000-mile tune-up interval

Safety/Security

- Center high-mounted stop lamp – rear
- Dual-stage driver and front passenger airbags
- Personal Safety System®
- Safety belts – manual lap/shoulder belts with height adjusters, pretensioners and energy management retractors on outside front positions
- Seats/safety features – 2-point restraint (front center passenger)
- SecurILock® passive anti-theft system
- Tire Pressure Monitoring System (TPMS)

Comfort/Convenience

- Air conditioning, manual (XLT, SPORT, FX4, required with 4.0L on XL)
- AM/FM stereo with clock (2 speakers)
- Black urethane steering wheel
- Black vinyl floor covering
- Cargo box tie-down hooks (4)
- Cup holders
- Dome light
- First-row manual windows
- Glove box
- Grab handles/front – A-pillar, driver and passenger sides
- Interior dome light
- Interval wipers
- Power point – 12V
- Rally gauge cluster with tachometer
- Rear jump seats – standard on 4-door only
- Rear window with fixed glass and solar tint
- Rearview mirror
- Second-row fixed windows (SuperCab)
- Spare tire (limited use)
- Tailgate with quick release
- Vinyl 60/40 split seat (cloth on SuperCab)

NOTE: The above information is an excerpt to be used with pages 2–4 of the 7/1/08 Ranger Dealer Ordering Guide. For more information and the latest Dealer Ordering Guide go to fmcdealer.com

2009 Ranger

Model Lineup

MODEL LINEUP

This page is about:

- XLT
- SPORT
- FX4 Off-Road

XLT — All XL content, plus:



Performance/Handling

- Class III Trailer Tow Hitch (SuperCab)
- Heavy-duty gas shocks (4x4)
- Tow hooks, front (4x4)

Design/Styling

- Body-color front and rear step bumpers
- Chrome H-bar grille
- Fog lamps (4x4)
- Wheels
 - 4x2: 15" 7-spoke silver steel wheels (4)
 - 4x4: 15" 7-spoke chrome-clad steel wheels (4)

Comfort/Convenience

- AM/FM stereo/CD/MP3/SAT capable player with audio input jack
- Cloth 60/40 split seat
- Color-coordinated carpet and floor mats
- High series door trim with map pockets
- Manual air conditioning
- Rear jump seats (4-door) SuperCab only
- Visors with driver strap and passenger mirror

SPORT — All XLT content, plus:



Performance/Handling

- Heavy-duty gas shocks (SuperCab)
- Skid plate package (front, mid, aft) (4x4 SuperCab)
- Tires
 - P225/70R15 A/S OWL (4) (4x2 Regular Cab)
 - P235/75R15 A/T OWL (4) (4x2 SuperCab/4x4 Regular Cab)
 - P255/70R16 A/T OWL (4) (4x4 SuperCab)

Design/Styling

- Body-color front and rear step bumpers
- Body-color grille surround with black horizontal slat grille insert

- Body-color wheelip moldings, mirror caps and door latch handles
- Fog lamps
- Wheels
 - 15" 7-spoke silver-painted steel wheels (4) (4x2)
 - 16" cast aluminum wheels (4) (4x4 SuperCab)

Comfort/Convenience

- Base level series door trim without map pockets
- Rugged black vinyl floor covering
- Black step bars (SuperCab)

FX4 Off-Road — All XLT content, plus:



Performance/Handling

- Limited-slip rear axle
- P255/70R16 A/T OWL tires (4)
- Rancho® heavy-duty gas shocks
- Skid plates (front, mid, aft)

Design/Styling

- 16" cast aluminum wheels (4)
- Black mirror caps and door handles
- Body-color H-bar grille
- Carbon Black (MIC) wheelip moldings
- Chrome shifter (manual transmission)
- Shadow Grey bumpers
- Side bed rail and tailgate protectors
- Two-tone exterior paint scheme

Comfort/Convenience

- Leather-wrapped tilt steering wheel with cruise control
- Power equipment group (PEG)
- Privacy rear glass
- Rugged vinyl flooring with front slush mats
- Sport bucket seats with driver's-side lumbar adjustment, center floor console and storage
- Black step bars

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MODEL LINEUP**This page is about:**

Optional Equipment

2009 Ranger

Model Lineup

Optional Equipment

	XL	XLT	SPORT	FX4 Off-Road
Performance/Handling				
4.0L SOHC V6	S 4x4 O ^(1,2) 4x2	S ⁽³⁾ 4x2 S 4x4 O ^(1,2) 4x2	S ^(1,3) 4x2 S 4x4	S
5-speed Automatic (All engines)	O	O	O	O
BFT Component Package (Requires V6 engine)	—	O	O ⁽⁴⁾	—
Limited-Slip Axle – 3.73	O	O	O	—
Limited-Slip Axle – 3.55 (Available on 4x2 4.0L V6)	O	O	O	—
Limited-Slip Axle – 4.10	O	O	O	S
Limited-Slip Axle — 4.10 Torsen®	—	—	—	O
Payload Package #2	O ⁽²⁾	O ^(2,4)	O ^(2,4)	O
Skid Plates (Mid and Aft) (NA on 4x2 R/C)	S 4x2 O 4x4	S 4x2 O 4x4	S 4x2	—
Skid Plates (Front, Mid and Aft, 4x4 S/C)	—	O ^(1,3) 4x4	S	S
Design/Styling				
15" 7-spoke Silver-painted Steel Wheel	S	S 4x2	S 4x2	—
15" 7-spoke Chrome-Clad Steel Wheel	—	O 4x2 S 4x4	O ⁽⁴⁾ 4x2 S ⁽⁴⁾ 4x4	—
15" Machined "Split-Spoke" Cast Aluminum Wheel	—	O 4x2	O 4x2	—
16" "Twin-Spoke" Cast Aluminum Wheel (Silver-Painted Insets) (late availability)	—	O ^(1,3) 4x4	S ^(1,3) 4x2	—
16" Y-Spoke Cast Aluminum Wheel (Silver-Painted Insets) (XLT requires step bars, skid plates and trailer tow)	—	O ^(1,3) 4x4	O ^(1,3) 4x4	S
Bodyside Molding (Body Color)	O	O	O	—
Bright Trim Group (Requires 15" 7-spoke Chrome-clad Steel Wheels on XLT 4x2, V6 engine)	—	O ^(1,3)	O ^(1,3)	O ^(1,3)
Fog lamps	—	O 4x2 S 4x4	S	S
Front License Plate Bracket (Std. in states where required by law)	O	O	O	O
Step Bar, Black	—	O	S ^(1,3) O	S
Quality/Reliability/Durability				
Bedliner, Under the Rail	O	O	O	O

NOTE: Limited-slip option requires 4.0L V6 engine. Regular Cab 4x2 XL and XLT Limited-slip Axle applications require Payload Package #2.

(1) 2-door SuperCab. (2) Regular Cab LWB only. (3) 4-door SuperCab. (4) Regular Cab.

S = Standard O = Optional P = Packaged Option — = Not available

NOTE: The above information is an excerpt to be used with pages 6 and 7 of the 7/1/08 Ranger Dealer Ordering Guide. For more information and the latest Dealer Ordering Guide go to fmcdealer.com

2009 Ranger

Model Lineup

MODEL LINEUP

This page is about:

Optional Equipment cont'd

Ranger

Optional Equipment cont'd

	XL	XLT	SPORT	FX4 Off-Road
Safety/Security				
Daytime Running Lamps	F	F	F	F
Comfort/Convenience				
Air Conditioning	O Req. with 4.0L	S	S	S
AM/FM Stereo CD MP3/SAT capable CD with Audio Input Jack	O	S	S	S
AM/FM Stereo In-Dash MP3/SAT capable 6 CD Changer with Audio Input Jack	—	O	O	O
Bed Extender (NA with bedliner, under the rail and over the rail)	—	O	O	O
Cloth 60/40 Split Seat	O ⁽¹⁾ , S ⁽²⁾	S	S	—
Cloth Sport Buckets with Center Console (S/C only)	—	O	O	—
Cloth Sport Buckets (Driver-side lumbar — manual) with Center Console	—	—	—	S
Engine Block Heater (Cold Weather Option)	O	O	O	O
Jump Seats (Rear, Std. on 4-Dr S/C)	O ⁽²⁾	S ⁽³⁾ O ⁽²⁾	S ⁽³⁾ O ⁽²⁾	S ⁽³⁾ O ⁽²⁾
Leather-Trimmed Sport Buckets (Driver-side lumbar — manual) with Center Console (S/C only)	—	O	O	—
Leather-Trimmed Sport Buckets (Driver-side lumbar — manual) with Center Console	—	—	—	O
Leather-Trimmed 60/40 Split Seat	—	O ^(2,3)	O ^(2,3)	—
Mats, Vinyl, Slush	—	O	—	S
Pioneer® 290-watt 4-speaker MP3/SAT Capable Sound System with Audio Input Jack (S/C only)	—	O	O	O
Power Equipment Group	—	O	O	S
Privacy Tinted Glass	O	O	O	S
SIRIUS® Satellite Radio — Incl. 6-month SIRIUS Subscription, Receiver Module and Roof-mounted Antenna. Compatible with All Ranger MP3 Systems, NA on Base Radio, Subject to availability and geographical location	O	O	S	S
Tilt Steering with Cruise Control (Incl. leather-wrapped wheel on XLT and FX4 only)	O	O	O	S
Tire, Full-Size 15" Conventional Spare (P225/70R15 A/S) mounted on Black Wheel	O 4x2	O 4x2	O ⁽¹⁾ 4x2	—
Tire, Full-Size 15" Conventional Spare (P235/75R15 A/T) mounted on Black Wheel	O 4x4	—	O 4x2 ^(2,3)	—
Window, Rear Slider (Req. Privacy Glass)	O	O	O	O

(1) Regular Cab. (2) 2-door SuperCab. (3) 4-door SuperCab.
 S = Standard O = Optional F = Fleet Option with valid FIN code — = Not available

NOTE: The above information is an excerpt to be used with pages 6 and 7 of the 7/1/08 Ranger Dealer Ordering Guide. For more information and the latest Dealer Ordering Guide go to fmcdealer.com

PERFORMANCE/HANDLING

This page is about:

- Powertrain
- Suspension and Chassis
- Payload and Towing

2009 Ranger

Performance/Handling

Overview

Key Messages

Ranger



- Tough, athletic compact pickup truck
- Takes customers and all their gear wherever they want to go
- Great value

Key Features

Powertrain

2.3L DOHC I-4 16-valve engine delivers outstanding fuel economy for low cost of ownership, without sacrificing power.

4.0L SOHC V6 12-valve engine offers additional horsepower and impressive low-end torque.

5-speed automatic transmission with closely spaced gear ratios in the first four gears for quick throttle response and acceleration.

Electronic Shift-on-the-fly 4x4 System allows automatic shifting into 4x4 mode.

Suspension and Chassis

Ranger FX4 Off-Road is a distinct vehicle with unique styling and rugged off-road performance features. Key features include skid plates, 16-inch cast aluminum wheels with P255/70R16 OWL all-terrain tires, Rancho® shock absorbers and electronic shift-on-the-fly 4x4 system.

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

Rigid axle rear suspension provides a solid ride with confident handling under a wide variety of conditions, payloads and trailing loads.

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

Rack-and-pinion steering provides linear steering effort and responsive feel.

Payload and Towing

Payload maximum ranges from 1260 lbs. to 1600 lbs. when properly equipped.

6000-lb. maximum towing capacity properly equipped with a conventional platform hitch receiver and standard 2000-lb. capacity with the step bumper.

Flat/neutral tow capability for models with the manual transmission, allows Ranger to be towed by a recreational vehicle with all four wheels on the ground.



A CLOSER LOOK: Electronic Brake Force Distribution (EBD)

The Ranger braking system includes the Anti-lock Braking System (ABS) sensors to provide Electronic Brake Force Distribution (EBD). When the sensors detect impending rear wheel slip, the EBD system sends the right amount of braking pressure to the rear brakes and under a variety of loads. Other benefits include:

- Improved braking under heavy loads
- Fewer occurrences of ABS intervention

In a typical pickup truck, a fixed valve reduces the braking pressure to the rear wheels to prevent wheel lockup in a lightly loaded condition. This results in longer stopping distances when the truck is loaded. However, EBD adjusts the rear brake pressure according to the vehicle load. This helps yield optimum stopping distances in many conditions.

2009 Ranger

Performance/Handling

PERFORMANCE/HANDLING

This page is about:

- 2.3L DOHC I-4 16-valve Engine
- 4.0L SOHC V6 12-valve Engine
- Low Emissions
- Fuel Range
- Powertrain Combinations

Engines

Low Emissions

- All engines comply with federally mandated Tier 2 Bin 5 emissions standards. Ranger meets California Low Emissions Vehicle (LEV II) or Ultra Low Emissions Vehicle (ULEV II) standards, depending on configuration, in California Emissions States

Fuel Range

- Fuel tank capacity ranges from 17 to 20 gallons depending on model, providing excellent cruising range between fill-ups



2.3L DOHC I-4 16-valve Engine

- 4-valve dual overhead cam design produces 143 horsepower and 154 lb.-ft. of torque
- Outstanding fuel economy for low cost of ownership without sacrificing power



4.0L SOHC V6 12-valve Engine

- 207 horsepower @ 5250 rpm
- 238 lb.-ft. of torque @ 3000 rpm
- Overhead cam design is often considered more efficient than an overhead valve design, using fewer parts, resulting in more horsepower and torque potential
- Unique upper intake manifold
- More low-end torque for customers who want to tow up to 6000 lbs. when properly equipped

Powertrain Combinations

Powertrain (Engine/Transmission)	Horsepower (SAE net @ rpm)	Torque (lb.-ft. @ rpm)
2.3L DOHC I-4 16-valve 5-Speed Manual 5-Speed Automatic	143 @ 5250	154 @ 3750
4.0L SOHC V6 12-valve 5-Speed Manual 5-Speed Automatic	207 @ 5250	238 @ 3000

PERFORMANCE/HANDLING**This page is about:**

- 5-speed Manual Transmission
- 5-speed Automatic Transmission

2009 Ranger

Performance/Handling

Transmissions

5-speed Manual Transmission

- Fully synchronized, including Reverse, for smooth shifting throughout the engine's rpm range
- Overdrive gear reduces engine rpm at highway speeds, for quiet operation and improved fuel economy

5-speed Automatic Transmission

- Closely spaced gear ratios in the first four gears allow quick throttle response and acceleration
- Transmission gear ratio span helps improve acceleration, hill climbing, towing and off-road performance
- Complete electronic controls help ensure smooth and consistent shifts
- Uses an adaptive learning strategy to help increase durability and solid shift feel over the life of the vehicle
- Overdrive fifth gear reduces engine rpm at highway speeds, which gives excellent fuel economy and quiet operation



2009 Ranger

Performance/Handling

PERFORMANCE/HANDLING

This page is about:

- Electronic Shift-on-the-fly 4x4 System
- Suspensions
- FX4 Off-Road

Electronic Shift-on-the-fly 4x4 System

- Electronic Shift-on-the-fly 4x4 System is controlled by a 3-position rotary switch mounted on the instrument panel
- System is similar to a manual 4x4 system, except an electric motor shifts the transfer case instead of a lever-operated mechanism
- 4x4 HIGH is used for severe weather or off-road conditions such as snow, ice or shallow sand
- 4x4 LOW is used for off-road conditions requiring extra power, such as deep sand, steep grades or pulling a vehicle out of mud
- For more detailed 4x4 system information, see the 4x4 Operation section in the Source Book Appendices

Suspensions

Feature	Benefit
Independent Short- and Long-Arm (SLA) Front Suspension with Computer-selected Coil Springs or Torsion Bars, Shock Absorbers and Stabilizer Bar	Design enables each front wheel to react to bumps and potholes with minimal effect on the opposite wheel, providing a smooth and comfortable ride
Rigid Axle Rear Suspension with Two-stage Multi-leaf Springs, Shock Absorbers and, Depending on Series, a Rear Stabilizer Bar	Provides a solid ride with confident handling under a wide variety of conditions, payloads and trailering loads

A CLOSER LOOK: Ranger FX4 Off-Road

FX4 Off-Road is a distinct vehicle with its own unique styling and rugged off-road performance features.

FX4 Off-Road

- 16-inch cast aluminum wheels
- P255/70R16 OWL all-terrain tires
- Class III Trailer Tow Hitch
- Front tow hooks
- Skid plates (front end, transfer case, fuel tank)
- Black step bars
- Rancho® HD twin-tube gas shocks
- 4.10 limited-slip rear axle (available Torsen® limited-slip rear axle)
- Electronic shift-on-the-fly 4x4 system
- Standard 5-speed manual transmission
- Chrome shifter (manual transmission)
- Sport bucket seats with unique color combination
- FX4 Off-Road decal
- Power equipment group
- AM/FM stereo/single-disc CD player/MP3/SAT capable with auxiliary audio input jack
- Leather-wrapped tilt steering wheel with cruise control



FX4 Off-Road has two-tone exterior paint with molded-in-color wheelip moldings, painted bumpers and body-color H-bar grille.

FX4

OFF ROAD

PERFORMANCE/HANDLING**This page is about:**

- Towing Capacity
- Trailer Tow Hitch
- Flat/Neutral Towing
- Payload
- Payload Package #2
- BFT Component Package

2009 Ranger

Performance/Handling

Towing

Towing Capacity

- One of the most important measures of truck performance
- Ranger can tow up to 2000 lbs. with the rear step bumper
- Ranger 4x2 Regular Cab with 7-foot box can tow up to 6000 lbs. when equipped with the Class III trailer hitch receiver, 4.0L V6 engine and 5-speed automatic transmission

Trailer Tow Hitch

- A Class III frame-mounted hitch receiver is standard on all model configurations
- Class III capability available on properly equipped V6 models only



Flat/Neutral Towing

Customers often ask whether they can tow their Ranger with all four wheels on the ground. The following chart will help you answer whether Ranger can be flat towed. However, be sure to consult the Ranger Owner's Guide for specific towing methods or restrictions.

Ranger	Can It Be Flat Towed?
Manual 4x2	Yes ⁽¹⁾
Manual 4x4	Yes ⁽¹⁾ . ⁽²⁾
Automatic 4x2	No
Automatic 4x4	Yes ⁽³⁾

(1) Not to be towed faster than 55 mph, transmission in Neutral.

(2) Electronic shift-on-the-fly in 2WD, transmission in Neutral.

(3) With dealer-installed Neutral tow kit.

Payload

Payload

- Combined weight of cargo, optional and aftermarket equipment and passengers a vehicle is designed to carry
- Maximum payload is 1600 lbs., when properly equipped
- Outstanding cargo-carrying capability

Payload Package #2 (672)

- Increased rear spring rates
- Heavy-duty gas-charged shocks (4x2)
- Not available on 2.3L I-4 SuperCab models

BFT Component Package (68B)

- Available on XLT models
- Requires 4.0L V6 engine
- Limited-slip rear axle
- Payload Package #2 — up to 1600 lbs.

2009 Ranger

Design/Styling

DESIGN/STYLING

This page is about:

Exterior Design/Styling

Interior Design/Styling

Packages

Ranger

Overview

Key Messages

Ranger



- Diverse lineup of Ranger models
- Distinctive styling from model to model
- SPORT and FX4 Off-Road models look powerful and sporty to appeal to younger buyers

Key Features

Exterior

Bold exterior with distinctive grille, front fascia and other exterior treatments provides series differentiation.

H-bar grille in black, chrome or body color for more distinctive appearance between models.

Raised power dome hood provides a distinct, bold appearance and creates a powerful profile.

7-foot cargo box is a class-exclusive⁽¹⁾ feature of Ranger.

Interior

Instrument cluster includes sporty rally gauges, three unique color/trim styles.

Rugged black vinyl flooring for easy care and excellent utility on SPORT and 4x4 models.

Packages⁽²⁾

Bright Trim Group (18C)

- All SuperCab with V6 models except XL
- Driver and passenger chrome step bars with nonskid surface
- Chrome exhaust tip
- Chrome mirror caps (except SPORT)

SPORT SuperCab 16-inch Aluminum Wheels and Tires (646)

- SPORT 4x2 SuperCab only
- Twin-spoke cast aluminum wheels
- P235/70R16 all-season OWL tires
- Late availability

XLT SuperCab 4x4 Aluminum Wheels and Tires (647)

- 16-inch Y-spoke cast aluminum wheels
- P255/70R16 A/T OWL tires
- Requires step bars and skid plates equipment options



(1) Class is compact pickup trucks.

(2) Partial list shown. See latest Dealer Ordering Guide for a complete list of features.

DESIGN/STYLING

This page is about:

- XL Features
- XLT Features
- SPORT Exterior Features
- FX4 Off-Road Features
- Additional Features

2009 Ranger

Design/Styling

Exterior

Each Ranger series has unique exterior styling. The following will help differentiate between the four series.⁽¹⁾

XL Features

- Black H-bar grille
- Black front and rear step bumpers
- Black manual side exterior mirrors
- Black door latch handles
- Trailer Tow Hitch (Class III capability on V6 only)



XLT Features

- Chrome H-bar grille
- Body-color front and rear step bumpers
- Tow hooks (4x4)
- Round fog lamps (4x4)
- Chrome-clad steel wheels (4x4)



SPORT Features

- Delivers youthful appeal with a sporty monochromatic exterior, horizontal slat grille, fog lamps and an aggressive 4x4 ride height on SuperCab models
- Body-color grille surround with black horizontal slat grille insert
- Body-color wheelip moldings, door handles and mirror caps
- Body-color front and rear step bumpers
- Fog lamps
- Step bars (SuperCab)
- Skid plates (3) (4x4 SuperCab)
- Class III Trailer Tow Hitch (SuperCab)
- 16-inch All-terrain tires (4x4)



FX4 Off-Road Features

- Two-tone paint scheme
- Body-color H-bar grille
- Carbon Black molded-in-color wheelip moldings
- Black mirror caps and door latch handles
- Shadow Grey painted bumpers
- Side bed rail and tailgate protectors
- Tow hooks/step bars
- Fog lamps
- Skid plates (3)
- Class III Trailer Tow Hitch
- Aluminum wheels



(1) Each series also offers optional styling features. See page 6 in this section or the latest Dealer Ordering Guide for details.

Additional Features

Feature	Benefit
Halogen Headlamps	Bright white beam gives excellent nighttime visibility; design allows easy replacement of bulbs and helps resist stone damage (complex refractor unit)
Manual Foldaway Sideview Mirrors	Fold in toward the body to help prevent damage; also provide extra styling differentiation between models (body-color, chrome or black mirror caps)
Power Sideview Mirrors	Easy to adjust with the touch of a finger; distinctive styling differentiation between models (included with Power Equipment Group)
Seating Materials	Designed to look good and stand up to rugged use

2009 Ranger

Design/Styling

DESIGN/STYLING

This page is about:

- XL Interior Features
- XLT Interior Features
- SPORT Interior Features
- FX4 Off-Road Interior Features

Interior

Each Ranger series has unique interior styling. The following will help differentiate between the four series.⁽¹⁾

XL Features

- 60/40 split seat (vinyl on Regular Cab, cloth on SuperCab)
- Black urethane steering wheel
- Black-faced gauges with black trim rings
- Black vinyl flooring

XLT Features

- Air conditioning
- 60/40 cloth split seat
- Black urethane steering wheel
- Black-faced gauges with black trim rings
- Color-coordinated carpet and carpeted floor mats
- AM/FM stereo CD/MP3/SAT capable with audio input jack

SPORT Features

- 60/40 cloth split seat
- Rugged black vinyl floor covering
- White-faced gauges with black trim rings

FX4 Off-Road Features

- Sport bucket seats with driver's-side manual lumbar adjustment
- Leather-wrapped steering wheel with tilt and cruise control
- Black-faced gauges with silver trim rings
- Rugged black vinyl flooring and front slush mats
- Privacy rear glass
- Power equipment group
 - Power windows with push/pull switches
 - Power door locks
 - Power sideview mirrors
 - Remote Keyless Entry System



(1) Each series also offers optional styling features. See page 6 in this section or the latest Dealer Ordering Guide for details.

QUALITY/RELIABILITY/DURABILITY

2009 Ranger

Quality/Reliability/Durability

This page is about:

- Quality
- Durability
- Easy Maintenance
- Warranty

Overview

Key Messages

Ranger



- Genuine “Built Ford Tough” truck
- Quality construction and durable components
- Proven by rigorous testing, off-road racing and real-life use by customers

Key Features

Quality

Mud flaps/stone guards are standard on select models, and help keep Ranger clean and help prevent paint chipping.

Durability

Durability testing ensures Ranger stands up to rugged use.

Stiff, fully boxed front frame adds to excellent ride and handling.

Double-wall cargo box helps protect outer box surfaces.

New rear crossmember has been added for improved strength, stability and durability.

Corrosion protection is provided by galvanized steel for all major body panels and the frame is fully immersed in electrocoat primer for optimum corrosion protection.

Easy Maintenance

- 6-month/7500-mile oil change interval⁽¹⁾
- 6-year/105,000-mile engine coolant change interval⁽¹⁾
- 90,000-mile spark plug maintenance interval⁽¹⁾
- 150,000-mile automatic transmission fluid/filter maintenance interval⁽¹⁾

Warranty

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

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

24-Hour Roadside Assistance

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



(1) Under normal driving conditions.

2009 Ranger

Quality/Reliability/Durability

QUALITY/RELIABILITY/DURABILITY

This page is about:

Environmental Quality
Manufacturing Quality
Rigorous Durability Testing
Rear Crossmember
Composite Cross-cab Beam
Stiff, Fully Boxed Front Frame

Ranger

Quality

Environmental

Ford's "Cleaner, Safer, Sooner" strategy is a corporate commitment to environmental leadership, not just compliance. Environmentally responsible systems include:

Emissions

- Meets federal Tier 2 Bin 5 standards

Climate Control System

- Uses R-134a CFC-free refrigerant

Recyclability

- Makes extensive use of recycled materials
- Uses recycled materials in plastic, foam and rubber components

Manufacturing

- Ranger Truck Plant is ISO 14001 Certified. The ISO 14001 standard specifies requirements for establishing an environmental policy and goals
- Ford is the first automaker to certify all of its factories (106 facilities in 26 countries) under ISO 14001, the international management standard that regulates and independently audits air, water, and chemical handling and recycling

Durability

Rigorous Durability Testing

Ranger can stand up to almost anything your customers can dish out. Tests include:

- Hill-climb — on a 20 percent test grade for 30 feet up and 30 feet down. In comparison, the grade standard for highways is 6 percent
- Chuckholes — road is 240 feet long with potholes that vary in shape and depth from 1 to 4 inches
- Sand wash — an 800-foot-long stretch of sand 8 inches deep to test durability of 4x4 drivetrain

Rear Crossmember

- New for 2009
- Added for improved strength, stability and durability

Composite Cross-cab Beam

- Mounted behind the instrument panel
- Made of composite plastic, resists corrosion and weighs less than traditional cross-cab beams, yet performs comparably

Stiff, Fully Boxed Front Frame

- Provides additional frame strength
- Welded body mount brackets reduce tolerance requirements and improve fit and finish

Double-wall Cargo Box

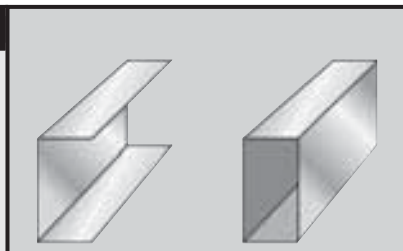
- Helps protect outer box surfaces from dents caused by shifting cargo
- Coved corners reduce moisture buildup and help resist rust

Corrosion Protection

- Major body panels are two-sided galvanized steel
- Frame is treated with a full-immersion electrocoated corrosion-resistant primer to help resist rust

PRESENTATION TIP: Front Frame Section

Ranger's stiff, fully boxed front frame section provides extra frame strength because the frame has four sides, like a box. A simple way to show this to your customers is by using a piece of downspout and a gutter. The gutter is like a "C channel" frame construction. It can be twisted fairly easily. The downspout is much more difficult to twist, like the fully boxed front frame on Ranger.



SAFETY/SECURITY

This page is about:

- Accident Avoidance
- Occupant Protection
- Child Safety
- Personal Security

2009 Ranger

Safety/Security

Overview

Key Messages

Ranger



- Ranger includes standard occupant protection features such as Personal Safety System® and Belt-Minder® system
- Accident avoidance features such as Anti-lock Braking System (ABS) are also standard

Key Features

Accident Avoidance

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

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

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

Occupant Protection

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

Dual-stage driver and right-front passenger airbags can deploy at two different levels based on the data sent to the Restraint Control Module, helping reduce the risk of injury due to airbag inflation.

3-point lap/shoulder safety belts are height-adjustable for driver and front passenger comfort; safety belts are the most important occupant protection feature in the vehicle.

Belt-Minder® System reminds drivers to buckle up through the use of a chiming sound and a flashing safety belt warning light. Warning light and warning chime will cycle for 6 seconds every 30 seconds, repeating for approximately 5 minutes or until the driver fastens the safety belt.

Fuel pump auto shutoff automatically shuts off the fuel being pumped to the engine for added safety in a collision.

Door beams help prevent intrusion in a side-impact collision.

Child Safety

Automatic Locking Retractors (ALR) help hold a child safety seat firmly in place.

Personal Security

SecuriLock® Passive Anti-theft System is designed to help prevent the engine from being started unless a coded key programmed to vehicle is used.



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



Accident Avoidance

Tire Pressure Monitoring System (TPMS)

- TPMS uses a tire pressure sensor mounted to each road wheel
- Sensors use radio frequency transmitters to send tire pressure information to the vehicle's onboard computer
- The computer illuminates a warning light when tire pressure is significantly low
- System is completely hidden from sight
- Used on steel or aluminum road wheels only, not on spare tires/wheels
- Replacing the tire can be easily done without removing the sensor
- Provides actual tire pressure readings
- Senses temperature-based pressure loss where all four road wheels are affected
- Resetting the system is easy. Once tire pressure has been restored to its recommended level, TPMS-equipped vehicles simply need to be driven over 20 mph for at least 2 minutes to be reset
- Properly inflated tires help optimize fuel economy and add to a smooth ride
- Recommended tire pressure label is on the driver's door B-pillar

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

Four-wheel Anti-lock Braking System (ABS)

- All Ranger models have a Four-wheel Anti-lock Braking System (ABS) standard
- Helps drivers maintain steering control in emergency or other hard-braking situations
- When impending wheel lockup is detected, the system automatically compensates for this condition, helping to prevent lockup, even when brakes are firmly applied
- System includes Electronic Brake Force Distribution (EBD) delivering rear brake pressure according to the vehicle load, yielding optimum stopping distance in many conditions



PRESENTATION TIP: ABS

- **Explain** ABS can pump the brakes much faster than even the most experienced driver can, giving more control rather than less, because it helps maintain steering
- **Demonstrate** ABS by applying the brakes quickly, with constant firm pressure. Have the customer listen for unfamiliar sounds associated with ABS. Then have the customer test the ABS to become familiar with the normal pedal pulsation
- **Remind** customers that ABS does not necessarily shorten stopping distances. Be sure your customers know that if they are hauling a heavy load, they need to allow for extra stopping distance

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

- Personal Safety System®
- Automatic Locking Retractors (ALR)
- Child Safety Seat Top Tether Anchors
- SecuriLock® Passive Anti-theft System
- 24-Hour Roadside Assistance

2009 Ranger

Safety/Security

Occupant Protection

Personal Safety System®

There's no such thing as a "typical" accident. That's why the Ford Personal Safety System tailors airbag usage to the severity of the crash, driver and passenger safety belt use, driver's-seat position and passenger classification. The system is a proven technology that has been used in a variety of Ford vehicles since 1999. Components of the Personal Safety System include:

- Dual-stage driver and right-front passenger airbags
- Electronic front crash severity sensor
- Driver's-seat position sensor
- Front outboard safety belt usage sensor
- Restraint Control Module
- Front outboard safety belt energy management retractors
- Front outboard safety belt pretensioners
- Front Passenger Sensing System uses a seat weight sensor and safety belt tension sensor to determine the presence and weight of a front passenger, preventing unnecessary passenger airbag deployment

See the Safety section in the Appendices Book for more information on the Personal Safety System and the Front Passenger Sensing System.



Child Safety

Automatic Locking Retractors (ALR)

- Dual-locking-mode retractor on the shoulder strap of the 3-point safety belt
- Automatic-locking mode locks the shoulder strap in position and must be used when installing a child safety seat because it helps hold the seat firmly in position
- ALR is activated by fully extracting the shoulder strap (until it clicks), then allowing it to retract
- Vehicle-sensitive (emergency) locking mode allows occupants freedom of movement
- The retractor locks only during hard braking, hard cornering or impacts of more than approximately 5 mph and cannot be locked by pulling on the shoulder strap

Child Safety Seat Top Tether Anchors

- Tether anchors integrated into the center seat, providing added stability when installing forward-facing child safety seats
- Should always be used in conjunction with traditional safety belts for forward-facing child safety seats

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

24-Hour Roadside Assistance

- A 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 Ranger

Comfort/Convenience

COMFORT/CONVENIENCE

This page is about:

- Rear Jump Seats
- Auxiliary Audio Input Jack
- Sliding Rear Window
- 4-door Feature
- Side Step Bars

Overview

Key Messages

Ranger



- Ranger meets the needs of customers wanting a vehicle to:
 - Support their adventurous lifestyles
 - Provide rugged dependability
 - Include functional innovation in Comfort/Convenience features
- 7-foot cargo box on Regular Cab XL and XLT 4x2 and 4x4 models

Key Features

Interior

Rear jump seats provide additional passenger capacity in select SuperCab models.



Auxiliary Audio Input Jack

- Standard with all CD/MP3 capable audio systems
- Allows the use of portable MP3 capable devices
- Vehicle audio system will not control the functions of the MP3 capable device



Sliding rear window increases air circulation in the cab (requires privacy glass).



Exterior

4-door feature allows easy access to the cargo area behind the front seats on SuperCab models with V6 engine.

Side step bars make getting into and out of the vehicle easier.



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

- Cargo Area
- Additional Features
- Audio Systems

2009 Ranger

Comfort/Convenience

Cargo Area



- Functional two-tiered loading in the pickup box allows two 2x4s to be placed across the box in special depressions
- Extra cargo can be placed under the plywood for more efficient use of the space
- With the tailgate down, Ranger can accommodate flat loading of 4-foot by 8-foot plywood sheets
- Cargo tie-down hooks (4) help keep cargo in place
- Cargo bed extender hinges on the sides of the cargo area and rests on the cargo box floor. It folds onto the open tailgate to extend the usable length of the pickup box. When folded into the bed, it keeps smaller items from sliding forward
- Molded bedliner is designed to fit the contours of the Ranger cargo bed for a tight, precise fit. The bedliner helps protect the cargo bed from dents and scratches
- Coved corners reduce moisture buildup and help resist rust

Additional Features

Feature	Benefits
Power Equipment Group	Includes power windows with push/pull switches and one-touch-down driver's-side window, power exterior mirrors, power door locks, Remote Keyless Entry and High Series interior door panels with map pockets (SPORT), optional on XLT and SPORT, standard on FX4 Off-Road
Remote Keyless Entry System	Included in Power Equipment Group. Key fob transmitter can lock/unlock vehicle doors from up to 33 feet away. Unlock button illuminates interior lights for added convenience when entering the vehicle at night
Solar-tinted Glass	Shields interior from sun's heat and helps protect upholstery and trim from ultraviolet rays
Intermittent Windshield Wipers	Two speed settings help improve visibility in inclement weather

Audio Systems

Audio Systems

- AM/FM stereo with clock
- MP3/SAT capable CD player
- In-dash MP3/SAT capable 6-disc CD changer
- Pioneer® 290-watt 4-speaker sound system with MP3/SAT capability
- See pages 23 and 24 for more information

SIRIUS Satellite Radio (65R)

- Over 130 channels
- Commercial-free music
- Digital sound quality
- Seamless coverage anywhere in the contiguous U.S.
- 6-month complimentary subscription subject to location and availability
- See page 24 for more information

2009 Ranger

Audio

AUDIO

This page is about:

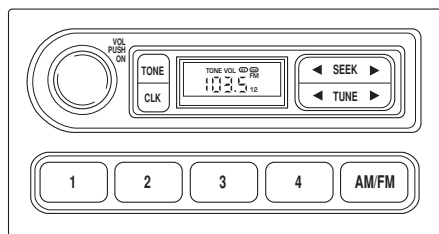
- AM/FM Stereo
- AM/FM Stereo/Single-disc CD Player/MP3/SAT Capability
- AM/FM Stereo/6-disc In-dash CD Changer/MP3/SAT Capability
- Pioneer® 290-watt 4-speaker Sound System/MP3/SAT Capability

Ranger

All Ranger Audio Systems Include

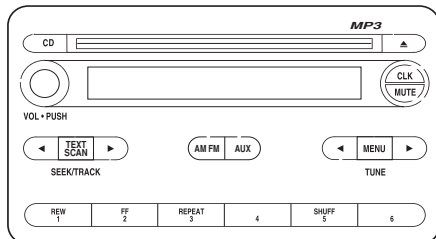
- 4 AM/8 FM presets
- Digital Clock

AM/FM Stereo



- 50 watts
- 2 front speakers

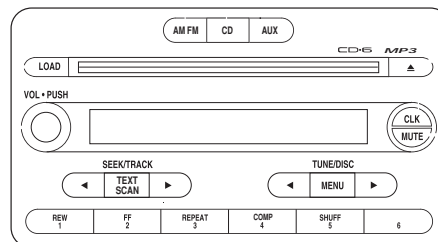
AM/FM Stereo/Single-disc CD Player/MP3/SAT Capability



Includes features of AM/FM stereo plus:

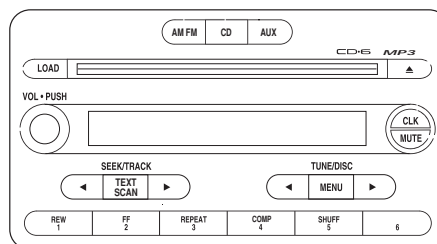
- 140 watts
- 4 premium speakers
- MP3 compatible
- SIRIUS® Satellite Radio capable
- Auxiliary audio input jack

AM/FM Stereo/6-disc In-dash CD Changer/MP3/SAT Capability



- 140 watts
- 4 premium speakers
- 6-disc In-dash CD changer
- SIRIUS Satellite Radio capable
- Auxiliary audio input jack

Pioneer® 290-watt 4-speaker Sound System/MP3/SAT Capability



- AM/FM stereo/6-disc In-dash CD/MP3 changer
- 290-watt two-channel amplifier
- 6½-inch bass subwoofer with 9.2-liter enclosure (center-console-mounted)
- 2-way front-door speakers with separate ¾-inch soft dome tweeters and 5¼-inch midrange front speakers
- 6-inch x 8-inch dual-cone full-range rear speakers
- Flow-through subwoofer console with integrated cup holders
- SIRIUS Satellite Radio capable
- Auxiliary audio input jack

For More Audio Information

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

AUDIO**This page is about:**

- SIRIUS® Satellite Radio
- MP3 Capability
- Auxiliary Audio Input Jack

2009 Ranger

Audio

SIRIUS® Satellite Radio

- Compatible with Ranger MP3 capable systems
- Includes 6 months of SIRIUS service subject to geographical location
- Order Code **65R** must be specified. This will equip the vehicle with necessary vehicle-to-radio interface and antenna
- Unit is preactivated at 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 is available online at www.sirius.com or toll-free at (888) 539-SIRIUS (7474)

MP3 Capability

- MP3 reads song title and artist from ID3 tags
- MP3 scroll directory without interrupting played files
- MP3 format can play CDs created on a personal computer and can hold up to 10 hours of music on a single disc
- Supports 253 titles per folder disc

Auxiliary Audio Input Jack

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

For More Audio Information

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






2009 Ranger

Wheels

WHEELS

This page is about:

- 15" 7-Spoke Silver-painted Steel
- 15" 7-Spoke Chrome-clad Steel
- 15" Machined Cast Aluminum Split-Spoke
- 16" Twin-Spoke Cast Aluminum with Painted Insets
- 16" Y-Spoke Cast Aluminum with Painted Insets

Wheel		XL	XLT	SPORT	FX4 Off-Road
15" 7-Spoke Silver-painted Steel Wheel (15" x 7") Order Code: 64E		Standard	Standard on 4x2	Standard on 4x2	—
15" 7-Spoke Chrome-clad Steel Wheel (15" x 7") Order Code: 64G		—	Standard on 4x4 Optional on 4x2	Optional on Regular Cab 4x2	—
15" Machined Cast Aluminum Split-Spoke Wheel (15" x 7") Order Code: 64H		—	Optional on 4x2	Optional on 4x2	—
16" Twin-Spoke Cast Aluminum Wheel with Painted Insets (16" x 7") Order Code: 646		—	Optional on SuperCab 4x4	Standard on SuperCab 4x4	—
16" Y-Spoke Cast Aluminum Wheel with Painted Insets (16" x 7") Order Code: 647		—	Optional on SuperCab 4x4	Optional on SuperCab 4x4	Standard

— = Not available

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

June 2008

INTERIOR TRIM/INSTRUMENT CLUSTER

2009 Ranger

Interior Trim/Instrument Cluster

This page is about:

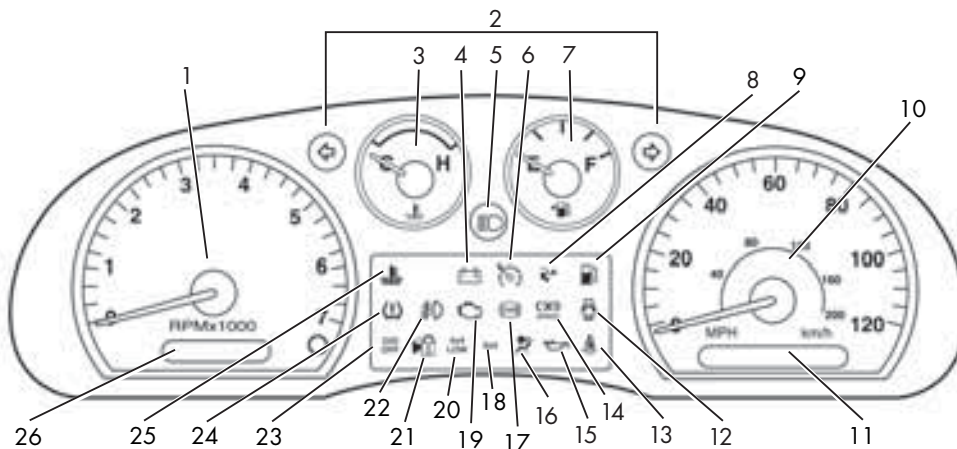
- Interior Trim
- Instrument Cluster

Interior Trim

Interior Trim Type and Color Selector NOTE: First character denotes type; second character denotes color.	Interior and Seat Color			
	Medium Dark Flint	Medium Dark Flint with Red seat insert	Medium Dark Flint with Blue seat insert	Medium Dark Flint with solid Ebony seat
XL Vinyl 60/40 Split Seat Cloth 60/40 Split Seat	QF RF			
SPORT Cloth 60/40 Split Seat Cloth Sport Bucket Seats (SuperCab only) Leather-trimmed 60/40 Split Seat (SuperCab only) Leather-trimmed Bucket Seats (SuperCab only)	RF SF TF UF			
XLT Cloth 60/40 Split Seat Cloth Sport Bucket Seats (SuperCab only) Leather-trimmed 60/40 Split Seat (SuperCab only) Leather-trimmed Bucket Seats (SuperCab only)	RF SF TF US			
FX4 Off-Road Cloth Sport Bucket Seat Leather-trimmed Bucket Seat		MF	LF	VF

NOTE: For illustrations of the available seating choices, refer to eSourceBook (esourcebook.dealerconnection.com) or the 2009 Color and Upholstery Book.

Instrument Cluster



- | | | |
|-------------------------------------|--|---|
| 1. Tachometer | 11. Odometer | 18. 4x4 system indicator ⁽¹⁾ |
| 2. Turn signal indicators | 12. Door ajar warning light | 19. Check engine warning light |
| 3. Engine coolant temperature gauge | 13. Fasten safety belt warning light | 20. 4x4 LOW range indicator |
| 4. Charging system warning light | 14. Brake system warning light/
parking brake indicator | 21. Vehicle security status indicator |
| 5. High-beam indicator | 15. Oil pressure warning light | 22. Fog lamps on indicator ⁽¹⁾ |
| 6. Cruise control indicator | 16. Airbag readiness indicator/
warning light | 23. Overdrive off indicator light |
| 7. Fuel gauge | 17. Anti-lock Braking System (ABS)
warning light | 24. Low tire pressure warning light |
| 8. Check fuel cap warning light | | 25. Engine coolant temperature
warning light |
| 9. Low fuel warning light | | 26. Trip odometer |

⁽¹⁾ If equipped.

2009 Ranger

Configurations

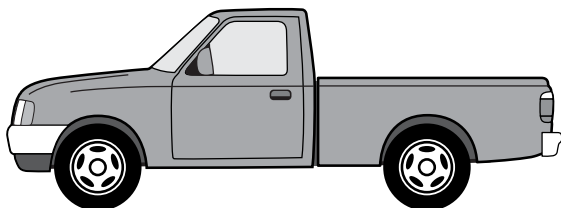
CONFIGURATIONS

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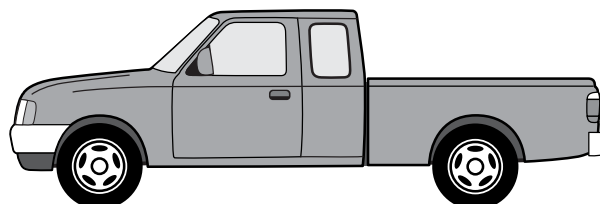
- Configurations
- Special Applications

Ranger

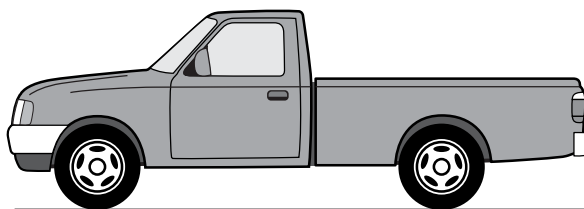
Configurations



Regular Cab SWB — Styleside
111.5" WB 4x2/111.6" WB 4x4



SuperCab SWB — Styleside
125.7"/125.9" WB 4x2/4x4



Regular Cab LWB — Styleside
117.5" WB 4x2/117.6" WB 4x4

Drive	Cab Style	Wheelbase (in.)	Box Size (ft.)	XL	XLT	SPORT	FX4 Off-Road
4x2	Regular Cab	111.5	6.0	X	X	X	—
		117.5	7.0	X	X	—	—
	2-door SuperCab	125.7	6.0	X	X	X	—
	4-door SuperCab	125.7	6.0	—	X	X	—
4x4	2-door SuperCab	125.9	6.0	X	X	X	X
	4-door SuperCab	125.9	6.0	—	X	X	X

Special Applications

Trailer Towing Information

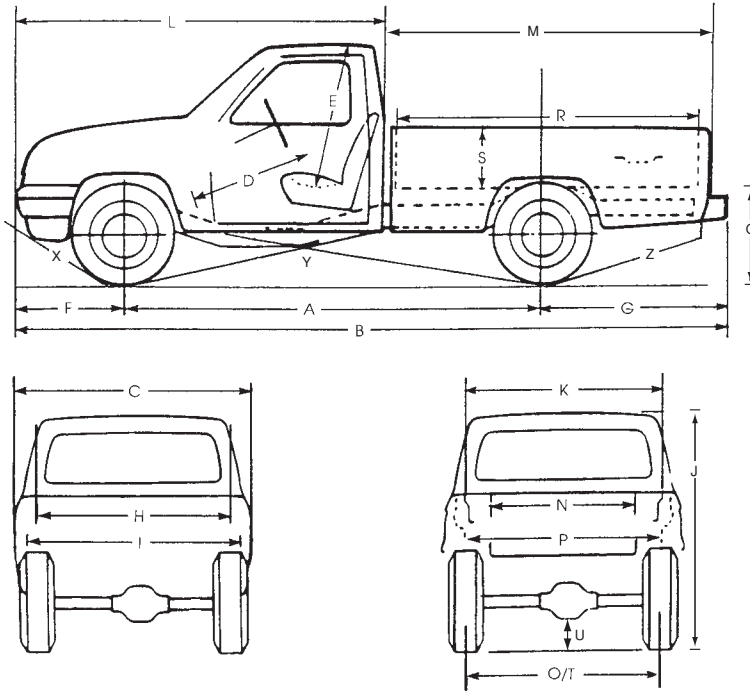
- For additional towing information, refer to the 2009 RV and Trailer Towing Guide shipped with your 2009 Source Books, or the vehicle Owner's Guide for:
 - Maximum loaded trailer weights
 - Trailer towing packages
 - Standard towing equipment
 - Frontal area considerations

Snowplow Information

- Not recommended for snowplow applications

2009 Ranger

Dimensions



REGULAR CAB

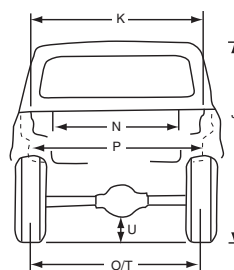
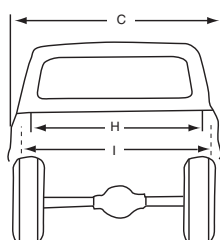
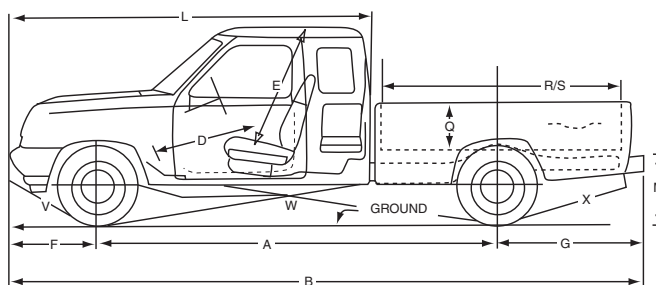
Model Code	Description	Styleside SWB 4x2 (in.)	Styleside LWB 4x2 (in.)
A	Wheelbase	111.5	117.5
B	Overall Length	189.4	201.4
C	Vehicle Width excluding mirrors	69.3	69.4
D	Leg Room	42.4	42.4
E	Head Room	39.2	39.7
F	Front Overhang	34.0	34.0
G	Rear Overhang	44.0	49.9
H	Shoulder Room	54.5	54.5
I	Hip Room	52.7	52.7
J	Overall Height (Empty)	66.2	66.2
K	Cargo Area/Pickup Box Opening Width at Floor	52.0	52.0
L	Front of Bumper to Back of Cab	107.6	107.6
M	Length at Top of Box	72.1	84.1
N	Cargo Area/Pickup Box Width Between Wheelhouses	40.5	40.5
O	Front Track (Empty)	58.5	58.5
P	Cargo Area/Pickup Box Width at Floor (Maximum)	54.4	54.4
Q	Open Tailgate to Ground (Empty)	29.7	29.2
R	Cargo Area/Pickup Box Length at Floor	72.7	84.6
S	Cargo Area/Pickup Box Height	16.5	16.5
T	Rear Track (Empty)	57.3	57.3
U	Ground Clearance to Rear Axle (Empty)	7.9	7.9
X	Approach Angle (Empty)	23.5°	24.3°
Y	Ramp Breakover Angle (Empty)	24.4°	24.5°
Z	Departure Approach Angle (Empty)	24.6°	21.2°

2009 Ranger

RANGER

Dimensions cont'd

Ranger



SUPERCAB

Model		Styleside
Code	Description	4x2/4x4 (in.)
A	Wheelbase	125.7/125.9
B	Overall Length	203.6
C	Vehicle Width excluding mirrors	69.4/71.3
D	Leg Room	42.4 (Front) 39.3/39.1 (Rear)
E	Head Room	39.2 (Front) 33.2 (Rear)
F	Front Overhang	34.0
G	Rear Overhang	44.0/43.8
H	Shoulder Room	54.5 (Front) 15.3/14.1 (Rear)
I	Hip Room	52.7 (Front) 19.4/18.7 (Rear)
J	Overall Height (Empty)	66.3/67.7
K	Cargo Area/Pickup Box Opening Width at Floor	52.0
L	Front of Bumper to Back of Cab	121.6
M	Open Tailgate to Ground (Empty)	29.5/31.9
N	Cargo Area/Pickup Box Width Between Wheelhouses	40.5
O	Front Track (Empty)	58.5
P	Cargo Area/Pickup Box Width at Floor (Maximum)	54.4
Q	Cargo Area/Pickup Box Height	16.5
R	Cargo Area/Pickup Box Length at Floor	72.7
S	Cargo Area/Pickup Box Length at Top of Box	72.1
T	Rear Track (Empty)	57.3
U	Ground Clearance to Rear Axle	8.0/8.0
V	Approach Angle (Empty)	23.8°/24.9°
W	Ramp Breakover Angle (Empty)	23.3°/18.6°
X	Departure Angle (Empty)	24.3°/27.4°

2009 Ranger

Basic Specifications

Base Curb Weights – Regular Cab

Model/Wheelbase (in.)	Base Curb Weight (lbs.)		
	Front	Rear	Total
4x2/112	1745	1330	3075
4x2/118	1757	1357	3114

Base Curb Weights – SuperCab

Model/Wheelbase (in.)	Base Curb Weight (lbs.)		
	Front	Rear	Total
4x2/126	1824	1410	3234
4x4/126	2193	1520	3713

Cargo Volume – Regular Cab

	Volume (cu. ft.)
With 6-ft. Styleside box	37.4
With 7-ft. Styleside box	43.6

Cargo Volume – SuperCab

	Volume (cu. ft.)
With 6-ft. Styleside box	37.4

Fuel Tank Capacity – Regular Cab

Wheelbase	Availability	Location	Capacity (gallons)
112	Standard Tank	Midship	17.0
118	Standard Tank	Midship	20.0

Fuel Tank Capacity – SuperCab

Wheelbase	Availability	Location	Capacity (gallons)
126	Standard Tank	Midship	19.5

2009 Ranger

Weight Ratings

RANGER

Ranger

Ranger Styleside Pickup – GVWR/Payload/OPT & ARC/Spring & GAWR (Front Computer-Selected)/Base Curb Weight

Cab Style/ Drive/WB (in.)	Available Trim Level	Engine/ Trans	Max. GVWR (lbs.)	Max. Payload (lbs.) ⁽¹⁾	OPT/ ARC Weight (lbs.) ⁽²⁾	Spring/GAWR (lbs.) ⁽³⁾		Base Curb Weight (lbs.)		
						Front Range Min.-Max.	Rear	Front	Rear	Total
Regular Cab 4x2 112 with 6' Box	XL, XLT, SPORT	2.3L/Manual	4300	1180	455	2000-2400	2350	1745	1330	3075
Regular Cab 4x2 118 with 7' Box	XL, XLT	2.3L/Manual	4320	1160	436	2000-2400	2350	1757	1357	3114
SuperCab 4x2 126 Without Jump Seats	XL, XLT	2.3L/Manual	4620	1260	616	2100-2500	2600	1824	1410	3234
SuperCab 4x2 126 With Jump Seats	XL, XLT	2.3L/Manual	4760	1260	596	2200-2600	2600	1824	1410	3234
SuperCab 4x4 126 Without Jump Seats	XL, XLT, SPORT, FX4	4.0L/Manual	5000	1287	495	2510-2900/ 2510-2850	2600	2193	1520	3713
	XL, XLT, SPORT, FX4	4.0L/Manual	5140	1380	495	2510-2900/ 2510-2850	2750	2193	1520	3713
SuperCab 4x4 126 With Jump Seats	XL, XLT, SPORT, FX4	4.0L/Manual	5140	1260	447	2710-2900/ 2710-2850	2600	2193	1520	3713
	XL, XLT, SPORT, FX4	4.0L/Manual	5280	1520	497	2710-2900/ 2710-2850	2750	2193	1520	3713

(1) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by optional equipment weight.

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

(3) Gross Axle Weight Rating is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVW rating or GAWR (front or rear).

NOTE: Refer to the Payload Workbook section of the 2009 Appendices book for Add Weights for Optional Engine, Transmission and other optional equipment.

2009 Ranger

Standard Powertrain/Chassis Equipment Specifications

REGULAR CAB/SUPERCAB

DRIVE		4x2	4x4
		Refer to Dealer Ordering Guide for 50 States Usage	
Engine	— Type - 50 States	2.3L (140 CID) SEFI I-4	4.0L (245 CID) SEFI V6
Transmission	— Type	Manual 5-Speed OD	
	— Low/High Gear Ratio	3.72:1/.79:1	
Transfer Case	— Electric Shift-on-the-fly	—	2-Spd Part Time 2.48:1; 1:1
Clutch		9" — Self-Adjusting	
AXLES	— Front — Type	Twin-Forged Upper SLA Coil Springs IFS	
	— Front — Capacity (Rating @ ground)	Regular Cab 2400 lbs. (SPORT 2850 lbs.) SuperCab 2625 lbs. (SPORT 2850 lbs.)	2850 lbs.
	— Rear — Type	Semi-Floating, Ford	
	— Rear — Capacity (Rating @ ground)	2750 lbs.	2750 lbs.; FX4 3600 lbs.
BRAKES		Includes Interlock System (Auto. Trans Only)	
Front Disc	— Type	Dual Piston, Floating-Caliper	
	— Size	11.28" Diameter	
Rear Drum	— Type	Self-Adjusting	
	— Size	Regular Cab 9" x 1.75" SuperCab 10" x 2.50"	Regular Cab 10" x 2.50" SuperCab 10" x 2.50"
Power Assist Unit	— Type	Dual-Diaphragm	
	— Effective Diameter	11.42"	
Anti-Lock System	— Type	4-Wheel ABS	
Parking Brakes	— Rear Brakes	Foot-Operated, Hand Release	
ELECTRICAL			
Alternator	— Rating	110 Amperes, 1650 Watts (VR30)	115 Amperes, 1725 Watts (3GLF)
Battery	— Type	Maintenance-Free	
	— Rating	58 Amp-hr., 540 CCA (Battery Saver System Standard)	
FUEL TANK	— Capacity (Midship)	17.0 gallon Regular Cab SWB (112")	
		20.0 gallon Regular Cab LWB (118")	
		19.5 gallon SuperCab (126")	
JACK	— Capacity	1.5 Ton	
STEERING	— Type / Ratio	Power, Ford XR-50/22.00:1	Power, Ford XR-50/21.50:1

2009 Ranger

RANGER

Standard Powertrain/Chassis Equipment Specifications cont'd

Ranger

REGULAR CAB/SUPERCAB cont'd

DRIVE		4x2	4x4
SUSPENSION			
Frame	— Type	Ladder Type W/Front Box Section, 36,000 psi Steel Regular Cab 7 Crossmembers SuperCab 8 Crossmembers	
	— Section Modulus	Regular Cab 2.6 cubic in. SuperCab 3.75 cubic in.	
Springs, Front	— Type	Coil, Computer-Selected	—
	Rating at Ground (min.)	Refer to page 31 for Usage and Ratings	
Torsion Bar, Front	— Type	—	Computer-Selected
	— Rating at Ground (min.)	Refer to page 31 for Usage and Ratings	2510 lbs.
Tow Hooks, Front		—	Painted Black Closed-eye Design
Springs, Rear	— Type	Multi-leaf, Two-stage	
	Rating at Ground (min.)	Refer to page 31 for Usage and Ratings	
Shock Absorbers	— Frt/Rr (Gas-Type)	1.19"; 1.38" with Payload Pkg #2 ⁽¹⁾	1.38"
Front Stabilizer Bar	— Type	Std.	Std.
Rear Stabilizer Bar	— Type	Std. ⁽²⁾	—
TIRES	— No./Type	Four Steel-Belted Radial	
	— Size	P225/70R15 A/S BSW; Space Saver Mini-Spare Tire P235/70R15 A/T OWL (SPORT)	P255/70R16 A/T OWL — P235/75R15 A/T OWL P235/70R16 A/S Limited Service Spare
	— Spare Tire Carrier	Rear Under Frame, Crank Down Type	
WHEELS	— No./Type	Four Steel 5-hole Disc ⁽³⁾	Four Aluminum 5-spoke ⁽³⁾
	Size	15" x 7.0" JJ	16" x 7.0" JJ

(1) SuperCab 1.19"/Regular Cab 1.38".

(2) Standard rear stabilizer bar on Regular Cab SPORT 4x2 only.

(3) 15" x 7.0" Argent Steel spare wheel for XL. 15" 7-Spoke Silver Steel wheels with XLT 4x2, 15" 7-Spoke Chrome Steel wheels on SPORT/XLT 4x4.

2009 Ranger

Technical Specifications

Axle

FRONT AXLE SPECIFICATIONS

Model/Series	Regular Cab 4x2	SuperCab 4x2	Regular Cab 4x4	SuperCab 4x4
Make/Type	Ford SLA (Short/Long Arm) Independent Front Suspension			
Max. Rating @ Ground (lbs.)	2400	2625	2850	2850
Upper Control Arm	— Material	Forged Steel		
Lower Control Arm	— Material	Stamped High Strength Steel		
Spring	— Type	Coil, Computer Selected	Torsion Bar, Computer Selected	
Ball Joints	Lubed-for-Life			
Spindle	— Material	Nodular Cast Iron Body with Forged Steel Stem		
Wheel Bearings	— Type	Tapered Roller		

REAR AXLE SPECIFICATIONS

Model/Series	Regular Cab & SuperCab 4x2/4x4			
Make	Ford Standard and Limited Slip			
Max. Rating @ Ground (lbs.)	2750			
Type	Semi-Floating			
Drive	Hotchkiss			
Housing	— Type	Cast Center		
	— Cover Attachment	Bolted		
Section	— Max. Tube Size (in.)	3.00		
Wall Thickness	— Max. (in.)	.19		
Lubricant Capacity (pint)	5.0			
Spring Centers (in.)	38.8			
Wheel Bearings	— Type	Straight Roller		
Gears	— Type	Hypoid		
	— Material	Alloy Steel		
Ratios Available (to 1)	3.55, 3.73, 4.10			
Ring Gear	Pitch Diameter (in.)	7.5		
Pinion	— Mounting	Overhung		
Differential	— Type	2-Pinion		
	— Bearings	Tapered Roller		
Axle Shaft	— Minimum Diameter (in.)	1.18		
	— Diameter over Splines (in.)	1.29		
	— No. of Splines	28		

Brakes

HYDRAULIC BRAKE EQUIPMENT SPECIFICATIONS — FRONT DISC

Type	Model/ Series	Axle Usage (lbs.)	Rotor Dia. (in.)		Brake Lining Segment	Area (sq. in.)/ Width (in.)/ Thickness (in.)	Caliper Twin-Piston Dia. (in.) each	Gross Lining Area Per Axle (sq. in.)	Total Swept Area Per Axle (sq. in.)
			OD	ID					
Disc, New	All 4x2	2400/ 2625	11.28	7.09	Outboard	5.47/1.25/0.39	1.81	21.89	200.57
Disc, Used									
					Inboard	8.45/1.33/0.39	—	—	—
Disc, New	All 4x4	2850	11.28	7.09	Outboard	5.47/1.25/0.39	1.81	21.89	200.57
Disc, Used									
					Inboard	8.45/1.33/0.39	—	—	—

Technical Specifications cont'd

Brakes (cont'd)

HYDRAULIC BRAKE EQUIPMENT SPECIFICATIONS — REAR DRUM — FOUR-WHEEL ANTI-LOCK BRAKE SYSTEM

Type	Model/Series	Axle Usage (lbs.)	Brake Size (in.)	Lining Thickness (in.)		Wheel Cylinder Dia. (in.)	Gross Lining Area Per Axle (sq. in.)	Total Swept Area Axle (sq. in.)
				Primary	Secondary			
Drum	4x2 R/C ⁽¹⁾	2750	9.00 x 1.75	0.18	0.27	0.75	51.33	98.96
	4x4 S/C ⁽²⁾	2750	10.00 x 2.50	0.18	0.23	0.75	90.12	157.08

(1) With Std. Payload Pkg. only.

(2) With all 4x4 and R/C and S/C 4x2 with Payload Pkg. No. 2 or S/C SPORT only.

BRAKE MASTER CYLINDER SPECIFICATIONS

Type	Bore Dia. (in.)
Dual System, Dash-Mounted	1.062

POWER BRAKES VACUUM BOOSTER SPECIFICATIONS

Make/Type	Effective Dia. (in.)	Outside Dia. (in.)	Diaphragm Type
Bosch 8" Tandem	11.42	9.64	Dual

Cooling System

COOLING SYSTEM SPECIFICATIONS

Engine	Cooling	Trans. Usage	Frontal Area. (sq. in.)	Core Size (in.)			Rows of Tubes	Fins Per Inch	Cooling System Capacity (approx. quarts)	Fan Specifications		
				Height	Width	Thick				Type	Blades	Blade Dia. (in.)
2.3L (140) DOHC I-4	Std. (w/o A/C)	Manual	430	21.50	20.01	1.02	1	12.7	6.5	Plastic	7	15.75
	Std. (A/C)	Manual	430	21.50	20.01	1.02	1	12.7	7.2	Plastic	8	17.00
	Std. (w/o A/C)	Auto	430	21.50	20.01	1.02	1	12.7	7.2	Plastic	7	15.75
	Std. (A/C)	Auto	430	21.50	20.01	1.02	1	12.7	7.2	Plastic	8	17.00
4.0L (245) SOHC V6	Std.	Manual	492	23.68	20.79	1.02	1	12.7	7.8	Plastic	11	18.00
	Std.	Auto	492	23.68	20.79	1.02	1	12.7	7.8	Plastic	11	18.00

Fuel System

FUEL SYSTEM SPECIFICATIONS

Electronic Fuel Injection	2.3L	4.0L
Injectors	Four Port-Mounted Sequential Injectors	Six Port-Mounted Sequential Injectors
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

2009 Ranger

Technical Specifications cont'd

Steering

STEERING SPECIFICATIONS

Model	Wheelbase (in.)	Power Steering		Turning Diameter (ft.)	
		Rack Travel	Overall Ratio ⁽¹⁾	Curb-to-Curb	Wall-to-Wall
Regular Cab 4x2	112	1.51 in./rev.	22.0:1	37.74	39.73
	118	1.51 in./rev.	22.0:1	39.80	42.28
SuperCab 4x2	126	1.74 in./rev.	19.2:1	42.73	44.58
SuperCab 4x4	126	1.74 in./rev.	18.7:1	43.04	45.18

(1) Overall Ratio on Center at Design Load.

Suspension

FRAME SPECIFICATIONS

Model	Wheelbase (in.)	Maximum Side Rail Section (in.)	Section Modulus (in.)	Yield Strength (psi)
4x2 Regular Cab	112,118	6.54 x 2.89 x 0.130	2.62	36,000
4x2 SuperCab	126	7.64 x 2.55 x 0.160	3.75	36,000
4x4 SuperCab	126	7.64 x 2.55 x 0.160	3.75	36,000

SHOCK ABSORBER SPECIFICATIONS

Model	Wheelbase (in.)	Usage	Front			Rear		
			No. Used	Piston Dia. (in.)	Type	No. Used	Piston Dia. (in.)	Type
SuperCab 4x2	All	Std.	2	1.19	Gas pressurized	2	1.19	Gas pressurized
Regular Cab, SuperCab 4x2 ⁽¹⁾	All	Std./HD	2	1.38	Gas pressurized	2	1.38	Gas pressurized
SuperCab 4x4	126	Std.	2	1.38	Gas pressurized	2	1.38	Gas pressurized

(1) Included with optional Payload Package 2 on S/C.

SPRING SPECIFICATIONS — 4x2 FRONT COIL

Model	Wheelbase (in.)	Combined Rating @ Ground (lbs.)	Normal Height of Spring (in./design)	Inside Diameter (in.)	Wire Diameter (in.)	Deflection Rate @ Wheel (lb/in. each)
4x2 ⁽¹⁾	All	2000	12.12	4.0	0.742	269
		2100	12.12	4.0	0.742	269
		2200	12.12	4.0	0.742	269
		2300	12.12	4.0	0.742	269
		2400	12.12	4.0	0.753	286
		2500	12.12	4.0	0.768	303
		2600	12.12	4.0	0.768	303

(1) See chart below for SPORT S/C 4x2 torsion bar specifications.

SPRING SPECIFICATIONS — 4x2 SPORT/4x4 FRONT TORSION BARS

Model	Wheelbase (in.)/Payload Pkg. No.	Combined Rating @ Ground (lbs.)	Diameter (in.)	Active Length @ Normal Load (in.) R.H. & L.H.	Deflection Rate @ Wheel (lbs. per in. ea.)	Bar Rate (in.-lbs./degree) R.H. & L.H.
4x4 & Sport All		2510	1.03	40.19	200	1130
S/C 4x2		2710	1.06	40.27	215	1230
		2900	1.09	40.35	235	1325

2009 Ranger

RANGER

Technical Specifications cont'd

Ranger

Suspension cont'd

SPRING SPECIFICATIONS — REAR LEAF

Model	WB (in.)	GVWR	Payload Package No.	Combined Rating @ Ground (lbs.)	Number of Leaves	Total Thickness @ Pad (in.)	Length (in.)	Width (in.)	Deflection Rate @ wheel (lbs./in. each)	Rating Each @ Pad (lbs./spring)
Regular Cab 4x2	112	4300	1	2350	4	1.51	56.5	2.50	124/243	1025
SPORT	112	4360	1	2350	4	1.51	56.5	2.50	124/243	1025
	118	4320	1	2350	4	1.51	56.5	2.50	124/243	1025
SuperCab 4x2	126	4620/ 4760	1	2600	4	1.69	56.5	2.50	135/257	1150
	126	4840/ 5100	2	2750	4	1.70	56.5	2.50	138/315	1225
SPORT	126	4880/ 5000	1	2600	4	1.69	56.5	2.50	135/257	1150
SuperCab 4x4	126	5000/ 5150	1	2600	4	1.69	56.5	2.50	135/257	1150
	126	5140/ 5280	2	2750	4	1.70	56.5	2.50	138/315	1225

Tires and Wheels

TIRE SPECIFICATIONS

Size	Rim Width (in.)	Section Width (in.)
P225/70R15 SL	7.0	9.30
P235/75R15 SL	7.0	9.98
P235/70R16 SL	7.0	9.5
P255/70R16 SL	7.0	9.78

(1) Front-rear inflation.

WHEEL SPECIFICATIONS

Wheel Type	Wheel Size	Nominal Offset (in./mm)	Number of Studs	Bolt Circle (in.)	Max. Wheel Capacity Load (lbs. @ ground)
7-Spoke Silver-painted Styled Steel	15" x 7.0" J	0.5/12	5	4.5	1600
7-Spoke Chrome-clad Steel	15" x 7.0" J	0.5/12	5	4.5	1600
Split-Spoke Machined Aluminum	15" x 7.0" J	0.5/12	5	4.5	1600
Twin-Spoke Cast Aluminum	16" x 7.0" J	0.5/12	5	4.5	1600
Y-Spoke Cast Aluminum	16" x 7.0" J	0.5/12	5	4.5	1600

2009 Ranger

Technical Specifications cont'd

Transfer Case

TRANSFER CASE SPECIFICATIONS

Make and Model	Warner 1354
Type	2-Speed Planetary Gears
Lubricant Capacity (pt.)	2.54
Gear Ratio – High	Direct 1:00:1
Gear Ratio – Low	Direct 2.48:1
Case Material	Aluminum

Transmission

MANUAL TRANSMISSION SPECIFICATIONS

Make/Type	Mazda (5-Speed) (2.3L)	Mazda R1HD (5-Speed) (4.0L)
Ratios (to 1):		
1st	3.72	3.40
2nd	2.20	2.05
3rd	1.50	1.31
4th	1.00	1.00
5th (OD)	0.79	0.79
Reverse	3.40	3.40
Lubricant Capacity (pt.)	5.6	5.6
Synchronizers		
– Gears	1,2,3,4,5	1,2,3,4,5
Gears: Material	Carburized Steel	Carburized Steel
Type	– Helical	1st, 2nd, 3rd, 4th, 5th & Reverse
Bearings:		
Mainshaft		
– Front	Single Row Taper	Single Row Taper
– Center	Single Row Taper	Single Row Taper
– Rear	Single Row Ball	Single Row Ball
Countershaft Gear		
– Front	Single Row Roller	Single Row Roller
– Center	Single Row Roller	Single Row Roller
– Rear	Single Row Ball	Single Row Ball
Reverse Idler Gear	– Type	Single Row Roller

AUTOMATIC TRANSMISSION SPECIFICATIONS

Make/Type	Ford 5-Speed Automatic (5R44-E) (2.3L)	Ford 5-Speed Automatic (5R55-E) (4.0L)
Ratios (to 1):		
1st	2.47	2.47
2nd	1.85	1.85
3rd	1.47	1.47
4th (OD) or 4th	1.00	1.00
5th (OD)	0.75	0.75
Reverse	2.10	2.10
Converter	1.80	1.80
Lubricant capacity (pt.)	20	20
Helical gears	All	All
Oil cooler	Oil to Water	Oil to Water
Auxiliary Cooler - 14 oz. ⁽¹⁾	Oil to Air	Oil to Air

(1) Additional Transmission Fluid required if vehicle is equipped with Auxiliary Transmission Oil Cooler.

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Technical Specifications cont'd

RANGER

Ranger

Clutch Specifications

Engine	2.3L (153) DOHC I-4	4.0L (245) SOHC SEFI V6
Hydraulic Pressure Plate Dia. (in.) (approx.)	11	11.6
Disc Type	Segmented	
Lining Material	Woven Non-Asbestos	
Outside Diameter (in.) (approx.)	9	10
Inside Diameter (in.)	5.9	6.75
Facing Area (sq. in.)	68	84
Wear Capacity (thickness) (in.)	0.11	0.16
Pressure Plate, Type	Self-adjusting	
Release Load (lbs.)	339	378
Release Bearing	Sealed Bearing Integral to Slave Cylinder	

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