

2005 Ranger

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

- New Lineup
- New Vehicle Additions
- Model/Series Availability Changes
- Exterior Changes
- Key Competitors and How They're Positioned

2005 Ranger

What's New⁽¹⁾

Model Lineup

- XL
- **STX**
- XLT
- EDGE
- FX4/Off-Road
- FX4/Level II

New Vehicle Additions

- **STX 4x2 Regular Cab (R10) with unique 6-foot box**
- **STX 4x2 2-door/4-door SuperCab (R14/R44) with unique 6-foot box**

Model/Series Availability Changes

- **TREMOR Package (91T) Hot Wheels and Cool Tunes option is available on EDGE 4x2 and 4x4 SuperCab models**
- **STX model added to lineup⁽²⁾ and is available in Regular Cab or SuperCab (2- and 4-door designs) 4x2 only**

• STX exterior/interior features include:

- **5 monochromatic colors**
- **Unique front grille with body-color surround**
- **Unique lower bumper valance with integrated fog lamps**
- **Unique tapered and contoured Styleside Box**
- **P225/70R15 OWL all-season tires and split-spoke aluminum wheels**
- **Tri-color taillamps**
- **STX decal**
- **Unique rally gauge cluster**
- **Two-tone cloth sport bucket seats with center floor console**
- **Medium Dark Flint interior trim color**

Exterior Changes

- Flareside box option is no longer available
- 16-inch 5-spoke cast aluminum wheels are now available as an option on all 4x2 EDGE and 4x4 XLT SuperCab models
- Optional skid plates (54S) for the transfer case and fuel tank are available on EDGE and XLT 4x4 models; standard on FX4/Off-Road models
- P255/70R16 OWL all-terrain tires are standard on 4x4 SuperCab XLT, EDGE TREMOR, FX4/Off-Road models; excludes service spare
- P235/75R15 OWL all-terrain tires are standard on 4x4 Regular Cab XLT and EDGE models; excludes service spare



Key Competitors and How They're Positioned

- **Chevrolet Colorado** — marketed as the bold, youthful and rugged pickup
- **Dodge Dakota** — with its Ram-inspired styling, Dakota has a significant presence on the road and a "do what you want" attitude
- **Nissan Frontier** — positioned as a powerful off-road truck with rugged capability
- **Toyota Tacoma** — a strong reputation for reliability and top-notch off-road performance engineering

2005 Ranger

What's Important

WHAT'S IMPORTANT

This page is about:

Product Highlights

Key Features

Ranger

Product Highlights

HERE ARE THE **MOST IMPORTANT** 2005 RANGER FEATURES TO MENTION TO YOUR CUSTOMERS:



FX4 Specifics
(pg. 9)

**Pioneer 290-watt
Sound System**
(pgs. 17, 19)



**Three available
engines**
(pgs. 6, 7)

**Available Ranger
TREMOR Wheels
and Tunes option**
(pgs. 2, 10)



**16-inch 5-spoke
Cast Aluminum
Wheel and Tire
Package (649)**
(pg. 10)

Use the Ranger information in this Source Book to enhance your sales presentations. Pay particular attention to those key features that address the specific needs of your customers. Refer to your Dealer Ordering Guide for specific feature availability.

Key Features

Performance/Handling

- **Three available engines:**
 - 2.3L DOHC I-4 16 Valve
 - 3.0L OHV V-6 12 Valve
 - 4.0L SOHC V-6 12 Valve
- 5980-lb. maximum towing capacity when properly equipped
- Two available transmissions:
 - 5-speed manual overdrive
 - 5-speed automatic overdrive
- Available limited-slip rear axle
- Available Electronic Shift-on-the-fly 4x4 system
- **FX4/Level II Equipment Package**

Design/Styling

- **16-inch 5-spoke Cast Aluminum Wheel and Tire Package (649)**
- New grille surround, lower bumper valance and raised power dome hood
- **Ranger TREMOR Wheels and Tunes option available on 4x2 and 4x4 models**
- Monochromatic appearance on Ranger EDGE/TREMOR
- Fog lamps (select models)
- 4x2 and 4x4 exterior differentiation
- **STX model with unique design features**

Quality/Reliability/Durability

- Corrosion protection
- Fully boxed front frame
- Double-wall pickup box
- Durability tested
- 17 years Best Selling Compact award
- 4 years R.L. Polk Owner Loyalty award

Safety/Security

- Driver and Front Passenger Airbag Supplemental Restraint System (SRS)
- Height-adjustable 3-point safety belts
- LATCH child safety seat system in right front passenger seat
- Fuel pump inertia auto shutoff
- 24-hour Roadside Assistance

Comfort/Convenience

- Two-tier loading
- Available rear jump seats
- Available sliding rear window
- **Pioneer 290-watt MP3 Capable Sound System**
- **TREMOR 510-watt MP3 Capable Sound System**
- Other available audio systems with MP3 capability

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MODEL LINEUP

This page is about:

- XL
- STX
- XLT

2005 Ranger

Model Lineup

Ranger XL



PERFORMANCE/HANDLING

- Painted black front and rear bumpers
- Sequential electronic fuel injection (SEFI)
- Rally gauge cluster with tachometer
- Independent Short- and Long-Arm (SLA) front suspension

DESIGN/STYLING

- Regular Cab or 2-door SuperCab
- 3.73 or 4.10 (depending on powertrain) rear axle ratio
- Black bar grille and surround
- Black manual sailmount exterior sideview mirrors
- Black steering wheel
- Color-coordinated cloth visors
- Color-coordinated glove compartment
- 15-inch argent steel wheels with bright hub cover
- Gauge cluster — black-faced with matching trim rings
- Raised power dome hood

QUALITY/RELIABILITY/DURABILITY

- Black vinyl floor covering
- Tailgate with quick-release access
- Double-wall pickup box

SAFETY/SECURITY

- Driver and right front passenger airbags with manual passenger deactivation switch
- LATCH attachment points
- High-mounted stoplamp
- Intermittent windshield wipers
- Side door intrusion beams
- Safety belt pretensioners on front outboard positions
- Fuel pump inertia auto shutoff
- 24-hour Roadside Assistance

COMFORT/CONVENIENCE

- Vinyl 60/40 split bench seat
- AM/FM stereo with clock (2 speakers)
- Solar-tinted glass
- 4-pin trailer tow wiring harness
- Day/night interior rearview mirror
- Jack/tools
- 4 cargo box tie-down hooks
- Height-adjustable front shoulder safety belts
- Floor console with dual cup holders
- Left-hand/right-hand A-pillar grab handles

Ranger STX adds:



PERFORMANCE/HANDLING

Includes all the features of XL plus the following upgrades:

- **P225/70R15 all-season OWL tires**

DESIGN/STYLING

Includes all the features of XL plus the following additions or upgrades:

- **15-inch machined split-spoke aluminum wheels**
- **Body-color front and rear step bumpers**
- **Body-color lower valance and horizontal grille with integrated fog lamps**
- **Body-color door latches**
- **Body-color grille surround and unique STX black horizontal grille insert**
- **Black "styled" manual sideview mirrors**
- **Tri-color taillamps**
- **STX carbon fiber center stack bezel**
- **Unique rally gauges**

QUALITY/RELIABILITY/DURABILITY

Key features are the same as XL.

SAFETY/SECURITY

Key features are the same as XL.

COMFORT/CONVENIENCE

Includes all the features of XL plus the following upgrades:

- **Two-tone cloth sport bucket seats, driver's-side manual lumbar support with center floor console**
- **Rear jump seats (4-door SuperCab only)**

Ranger XLT adds:



PERFORMANCE/HANDLING

Includes all the features of XL plus the following upgrades:

- Painted black front and rear bumpers/chrome on 4x4 models
- **Chrome front and rear bumpers on 4x2 models with available XLT Appearance Package**

DESIGN/STYLING

Includes all the features of XL plus the following additions or upgrades:

- Fog lamps (4x4)
- 3.55 or 4.10 (depending on powertrain) rear axle ratio
- Black grille and surround (4x2), black mesh grille with chrome surround (4x4)
- 15-inch silver or chrome steel wheels or 16-inch silver 5-spoke cast aluminum wheels with painted insets (depending on trim and platform)
- Black styled sideview mirrors

QUALITY/RELIABILITY/DURABILITY

Includes all the features of XL.

SAFETY/SECURITY

Key features are the same as XL.

COMFORT/CONVENIENCE

Includes all the features of XL plus the following upgrades:

- AM/FM stereo/CD player with 4 speakers
- **Color-coordinated carpeted flooring and mats**

2005 Ranger

Model Lineup

MODEL LINEUP

This page is about:

- EDGE —
- FX4/Off-Road —
- FX4/Level II —

Ranger

Ranger EDGE adds:



PERFORMANCE/HANDLING

Includes all the features of XL plus the following upgrades:

- Tow hooks (4x4 only)
- Body-color front and rear step bumpers

DESIGN/STYLING

Includes all the features of XL plus the following additions or upgrades:

- Body-color wheelip moldings (Styleside only)
- Fog lamps
- 3.55 or 4.10 rear axle ratio (depending on powertrain)
- Black mesh grille and body-color surround
- Black manual exterior styled sideview mirrors
- 15-inch silver steel wheels (4x2) or 15-inch 7-spoke chrome clad wheels with bright center ornament (4x4 Regular Cab), or 16-inch cast aluminum wheels with painted insets (4x4 Regular Cab)
- Gauge cluster — white-faced with black trim rings

QUALITY/RELIABILITY/DURABILITY

Includes all the features of XL plus the following upgrade:

- Black textured vinyl floor covering

SAFETY/SECURITY

Key features are the same as XL.

COMFORT/CONVENIENCE

Includes all the features of XL plus the following upgrades:

- Cloth 60/40 split bench seat
- AM/FM stereo MP3 capable CD/cassette player with 4 speakers

Ranger FX4/Off-Road adds:



PERFORMANCE/HANDLING

Includes all the features of XL plus the following upgrades:

- P255/70R16 all-terrain OWL tires
- Black tow hooks
- HD premium shocks

DESIGN/STYLING

Includes all the features of XL plus the following upgrades:

- 16-inch 5-spoke machined aluminum wheels
- Black wheelip moldings
- FX4/Off-Road decal
- Power "styled" side mirrors
- Chrome grille surround and black mesh grille

QUALITY/RELIABILITY/DURABILITY

Includes all the features of XL plus the following upgrades:

- Transfer case and fuel tank skid plates

SAFETY/SECURITY

Key features are the same as XL.

COMFORT/CONVENIENCE

Includes all the features of XL plus the following upgrades:

- Electronic Shift-on-the-fly system
- Rear sliding glass window
- AM/FM stereo MP3 capable CD player with 4 speakers
- Leather-wrapped steering wheel, tilt with speed control

Ranger FX4/Level II adds:



PERFORMANCE/HANDLING

Includes all the features of FX4/Off-Road plus the following upgrades:

- 31x10.5R15 all-terrain T/A KO tires
- Bilstein® shocks
- Silver tone tow hooks

DESIGN/STYLING

Includes all the features of FX4/Off-Road plus the following upgrades:

- 15-inch 8-hole Alcoa-forged aluminum wheels
- FX4/Level II decal
- Unique rally gauge cluster

QUALITY/RELIABILITY/DURABILITY

Includes all the features of XLT plus the following upgrades:

- Vinyl "slush" mats
- Front-end skid plate

SAFETY/SECURITY

Key features are the same as XL.

COMFORT/CONVENIENCE

Includes all the features of XLT plus the following upgrades:

- Two-tone **cloth** sport bucket seats, driver's-side manual lumbar support, **with center floor console**
- AM/FM stereo MP3 capable CD player with 4 speakers

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

- Electronic Brake Force Distribution (EBD)
- 5-speed Automatic Overdrive Transmission
- Electronic Shift-on-the-fly 4x4 System
- Towing Capability and Capacity
- Payload
- Powertrain Combinations

2005 Ranger

Performance/Handling

Key Features

The 2005 Ford Ranger is a tough, athletic compact pickup truck that reflects your customers' aggressive and adventurous lifestyles. These customers want a vehicle that takes them and all their gear wherever they want to go — but without breaking the bank. Ranger is the vehicle that delivers.

Electronic Brake Force Distribution (EBD) — enables all four tires to give the maximum amount of braking they are capable of generating under a variety of loads

5-speed Automatic Overdrive Transmission — closely spaced gear ratios in the first four gears provide quick throttle response and acceleration

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

Four-wheel-down/Neutral Tow Capability — models equipped with manual transmissions can be towed with all four wheels on the ground by a recreational vehicle

Towing Capacity — delivers up to 2000 lbs. towing capacity with standard rear step bumper and up to 5980 lbs. with conventional hitch/receiver when properly equipped

Payload — maximum payload ranges from 1260 lbs. to 1660 lbs., 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 Overdrive Electronically Controlled 5-Speed Automatic Overdrive	143 @ 5250	154 @ 3750
	143 @ 5250	154 @ 3750
3.0L OHV V-6 12 Valve 5-Speed Manual Overdrive Electronically Controlled 5-Speed Automatic Overdrive	148 @ 4900	180 @ 3950
	148 @ 4900	180 @ 3950
4.0L SOHC V-6 12 Valve 5-Speed Manual Overdrive Electronically Controlled 5-Speed Automatic Overdrive	207 @ 5250	238 @ 3000
	207 @ 5250	238 @ 3000

NOTE: For additional towing information please refer to the 2005 RV & Trailer Towing Guide (found behind the 2005 Truck Source Book Towing tab) or the vehicle's Owner's Guide.

2005 Ranger

Performance/Handling

PERFORMANCE/HANDLING

This page is about:

- Transmissions
- Braking System
- Engine Specifics
- Emissions

Engineering Insights

Ranger offers two different transmissions that provide smooth shifting, quick acceleration and great overall performance, no matter what the road conditions. Talk to your customers to find out exactly what their trucking preferences are. One of these transmissions is sure to fit the bill:

1 5-speed Manual Overdrive Transmission

- Synchronized in all gears, including Reverse, for smooth shifting throughout the engine's rpm range
- Overdrive reduces engine rpm at highway speeds, which means quiet operation and improved fuel economy

2 5-speed Automatic Overdrive Transmission

- Closely spaced gear ratios in the first four gears allow quick throttle response and acceleration
- The transmission's 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 which is designed to increase durability and provide consistent shift feel over the life of the vehicle
- The overdrive fifth gear reduces engine rpm at highway speeds, which provides excellent fuel economy and quiet operation

A Closer Look... Braking System

The Ranger braking system incorporates the ABS sensors to provide **Electronic Brake Force Distribution (EBD)**. When the sensors detect impending slippage on the rear wheels, the EBD system sends the optimum amount of braking pressure to the rear brakes at all times 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 acts as a variable valve and adjusts the rear brake pressure according to the way the vehicle is loaded. This helps yield optimum stopping distances in many conditions.

Engine Specifics

2.3L DOHC I-4 16 Valve Engine

- The 4-valve dual overhead cam design enables the engine to produce outstanding horsepower and torque with a low displacement
- Recently improved intake and exhaust camshafts, throttle body, exhaust manifold and engine calibration, which help to improve highway performance
- This engine provides best-in-class fuel economy for low cost of ownership without sacrificing power

3.0L OHV V-6 12 Valve Engine

- Customers will appreciate this engine's good mix of performance and fuel economy
- More horsepower and torque than the 2.3L I-4 **16 Valve** engine for better pulling power and off-line acceleration

4.0L SOHC V-6 12 Valve Engine

- The overhead cam design is often considered more efficient than an overhead valve pushrod design, using fewer moving parts, resulting in more horsepower and torque potential
- The Ranger engine has a unique upper intake manifold
- The result is more low-end torque for customers who want to tow or haul

Low Emissions

- All three Ranger engines are compliant to federal Tier 2 Bin 9 emissions standards. Ranger meets low emissions (LEV I or II) standards or qualifies as an ultra low emissions vehicle (ULEV), depending on configuration, in California, Maine, Massachusetts, New York and Vermont

PERFORMANCE/HANDLING

This page is about:

- Payload
- Towing Capacity
- BFT Component Package
- “Four-wheel-down”/Neutral Towing
- Electronic Shift-on-the-fly 4x4 System

2005 Ranger

Performance/Handling

Towing Specifics

Payload

- The combined weight of cargo, optional and aftermarket equipment and passengers that a vehicle is designed to carry
- Ranger maximum payload ranges from 1260 lbs. to 1660 lbs., properly equipped
- Outstanding cargo-carrying capability

Towing Capacity

- One of the most important measures of truck performance
- Ranger can tow up to 2000 lbs. with the standard rear step bumper. The optional Class III trailer receiver can tow up to 5980 lbs.

When properly equipped, selected Ranger models can tow up to 5980 lbs. (4x2 Regular Cab with 7-foot box and with 4.0L V-6 engine with 5-speed automatic transmission). A Class III frame-mounted hitch receiver is available on some models as an option.



BFT Component Package

- Available on select XLT 4x2 and 4x4 models, and EDGE 4x4 models; requires V-6 engine
- Limited-slip axle
- Payload Package 2
 - Up to 1660 lbs.
- Class III Trailer Towing Package
 - Frame-mounted receiver hitch unit

“Four-wheel-down”/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 “four-wheel-down” towed. However, be sure to consult the Ranger Owner’s Guide for specific towing methods or restrictions.

Ranger	Can It Be “Four-wheel-down” Towed?
Manual 4x2	Yes
Manual 4x4	Yes ^{(1), (2)}
Automatic 4x2	No
Automatic 4x4	No

Electronic Shift-on-the-fly 4x4 System

Ranger uses an Electronic Shift-on-the-fly 4x4 system controlled by a 3-position rotary switch mounted on the instrument panel. The 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 that require extra power, such as deep sand, steep grades or pulling a vehicle out of mud
 - For complete details on how to engage 4x4 LOW, please refer to the 2005 Ranger Owner’s Guide

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

(2) Not to be towed faster than 55 mph and transmission in Neutral.

NOTE: For additional towing information please refer to the 2005 RV & Trailer Towing Guide (found behind the 2005 Truck Source Book Towing tab) or the vehicle’s Owner’s Guide.

2005 Ranger

Performance/Handling

PERFORMANCE/HANDLING

This page is about:

Features and Benefits —

FX4/Off-Road —

FX4/Level II —

Additional Features

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

Ranger FX4 Specifics

Formerly presented as option packages, FX4/Off-Road and FX4/Level II are now distinct series with their own unique styling and rugged off-road performance features.

FX4/Off-Road

- 16-inch 5-spoke aluminum wheels
- P255/70R16 OWL all-terrain tires
- Front tow hooks
- Black wheelip moldings
- Skid plates (transfer case, fuel tank)
- Premium gas shock absorbers
- 4.10 limited-slip rear axle
- Electronic Shift-on-the-fly 4x4 system
- Standard 5-speed manual transmission
- FX4/Off-Road decal
- Power "styled" side mirrors



FX4/Level II

- 15-inch 8-hole Alcoa-forged aluminum wheels for additional strength compared to cast aluminum wheels
- 31-inch x 10.5-inch BFGoodrich all-terrain T/A KO tires designed especially for demanding off-road enthusiasts. T/A stands for Traction Assist. KO signifies the key feature — Off-Road
- Precision round gearshift with chrome lever (manual only)
- Black wheelip moldings
- Skid plates on the front end, transfer case and fuel tank
- Bilstein® shock absorbers for heavy-duty off-road use



- Torsen® limited-slip rear axle for precise and smooth division of torque between the rear wheels for excellent off-road capability
- Five available exterior colors — Bright Red Clearcoat, Sonic Blue Clearcoat Metallic, Black Clearcoat, Oxford White Clearcoat and Dark Shadow Grey Clearcoat Metallic
- Sport bucket seats with thicker side bolsters for more support offered in Ebony/Red, Ebony/Blue or solid Ebony (leather-trimmed seating)
- FX4/Level II decal
- Silver tone front tow hooks and a rear black tow hook. (Rear tow hook deleted when equipped with Class II Trailer Towing option)
- Unique instrument cluster (black-faced gauges with silver trim rings)



DESIGN/STYLING**This page is about:**

- Ranger TREMOR Wheels and Tunes Package
- Bright Appearance Package
- 16-inch 5-spoke Cast Aluminum Wheel and Tire Package
- XLT 4x2 Appearance Package
- Bright Trim Group

2005 Ranger

Design/Styling

Key Features

The diverse lineup of Ranger models ensures that there is a Ranger that will satisfy each of your customers' needs. The styling differences between the models provide your customers distinctive looks from which to choose. So whether your customer is looking for a basic work truck, something that reflects a young

and sporty attitude, or one that offers a more refined look, Ranger offers something for everyone.

The EDGE and FX4 models deliver a powerful, sporty look that will appeal to the younger Ranger buyer in particular.

Ranger TREMOR Wheels and Tunes Package — includes a TREMOR Audiophile System "powered by Pioneer" with 510 watts of maximum power supplied from a multi-channel amplifier, 10-inch bass woofer with floor-mounted enclosure box, four 6-inch x 8-inch coaxial speakers, 16-inch 5-spoke machined aluminum wheels and P235/70R16 all-season OWL tires. Available in a 4x4 configuration with P255/70R16 all-terrain OWL tires, tow hooks and more

Bright Appearance Package (94C) — available only on select XLT 4x2/4x4 SuperCab models, includes chrome bed rails with black-color resin end caps, chrome exhaust tip, and chrome driver and passenger step bars with nonskid surface (requires Appearance Package 91A on XLT 4x2)

16-inch 5-spoke Cast Aluminum Wheel and Tire Package (649) — available on select EDGE 4x2 SuperCab and standard on XLT 4x4 models

Nostril Grille — horizontal bars on 4x2 and honeycomb mesh on 4x4 models for a distinctive look

EDGE 4x2 Regular Cab — delivers youthful appeal at an affordable price, with a sporty monochromatic exterior, fog lamps, aggressive 4x4 ride height and AM/FM stereo/MP3 capable CD/cassette player

Fresh, Bold Exterior — distinctive grille, bumper and other exterior treatments provide series differentiation



XLT 4x2 Appearance Package (91A) — includes black bar grille with chrome surround, chrome front and rear step bumpers, 15-inch 7-spoke chrome steel wheels or available 15-inch machined split-spoke aluminum wheels, each mounted on P225/70R15 OWL A/S tires

Textured Black Vinyl Flooring — for easy care and excellent utility (EDGE)

Bright Trim Group (18C) — available on select XLT, EDGE and FX4/Off-Road SuperCab models; includes driver and passenger step bars with nonskid surface, and exhaust tip

Raised Power Dome Hood — standard on all models, creates a powerful profile

Instrument Cluster — sporty rally gauges, three unique color/trim styles

2005 Ranger

Design/Styling

DESIGN/STYLING

This page is about:

- Interior Styling Specifics
- Exterior Styling Specifics
- Features and Benefits

Interior Styling Specifics

Each Ranger series has its own unique interior styling. The following will help you differentiate between the five series.

XL features include:

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

STX features include:

- **STX carbon fiber center stack bezel**
- **Unique rally gauges**
- **Cloth Sport bucket seats (two-tone)**

XLT features include:

- 60/40 cloth split bench seat with integrated features
- Black urethane steering wheel
- Black-faced gauges with black trim rings

- Color-coordinated carpet and carpeted floor mats
- Available leather-trimmed seating surfaces in either 60/40 split bench or front sport bucket configurations (SuperCab with automatic transmission only)

EDGE features include:

- 60/40 cloth split bench seat with integrated features
- Black urethane steering wheel
- White-faced gauges with black trim rings
- Textured black vinyl flooring
- Available leather-trimmed seating surfaces in either 60/40 split bench or front sport bucket configuration (SuperCab with automatic transmission only)

FX4/Off-Road features include:

- 60/40 cloth split bench seat with integrated features
- Leather-wrapped steering wheel
- Black-faced gauges with black trim rings

- Color-coordinated carpet and carpeted floor mats
- Available leather-trimmed seating surfaces in either 60/40 split bench or front sport bucket configurations (SuperCab only)

FX4/Level II features include:

- Cloth sport two-tone bucket seats with center floor console
- Leather-wrapped steering wheel
- Black-faced gauges with silver trim rings
- Color-coordinated carpet and rubber slush mats
- Available leather-trimmed seating surfaces (SuperCab only)



Exterior Styling Specifics

Each Ranger series has its own unique exterior styling. The following will help you differentiate between the five series.

XL and XLT 4x2 features include:

- Black "bar-style" grille insert
- Black grille surround
- Black bumpers

STX features include:

- **15-inch machined split-spoke aluminum wheels**
- **Body-color lower valance, front-end rear step bumpers, door latches and grille surround**

- **Unique black horizontal grille and lower valance grille insert with integrated fog lamps**

Tri-color taillamps

XLT 4x2 Appearance Package features include:

- Black "bar-style" grille insert
- Chrome grille surround
- Chrome bumpers
- Chrome wheel (4)

XLT 4x4 features include:

- Black "honeycomb" grille insert
- Chrome grille surround
- Chrome bumpers

Tow hooks/step bars

- Fog lamps

EDGE features include:

- Black "honeycomb" grille insert
- Body-color grille surround
- Body-color wheelip moldings
- Body-color bumpers
- Fog lamps
- Tow hooks/step bars (4x4)

FX4/Off-Road features include:

- Black "honeycomb" grille insert

- Chrome grille surround
- Black wheelip moldings
- Chrome bumpers
- Tow hooks/step bars
- Fog lamps
- Skid plates (2)

FX4/Level II features include:

- Black "honeycomb" grille insert
- Body-color grille surround
- Black wheelip moldings
- Chrome bumpers
- Tow hooks
- Fog lamps
- Skid plates (3)

Additional Features

Feature	Benefit
Headlamps	Bright white beam provides excellent nighttime visibility; design allows easy replacement of bulbs and helps resist stone damage (complex refractor unit)
Black Manual Fold-away Exterior Sideview Mirrors	Fold in toward the body to help prevent damage; also provide additional styling differentiation between models
Styled Power Exterior Sideview Mirrors (optional)	Easy to adjust with the touch of a finger; distinctive styling differentiation between models (Power Equipment Group)
Seating Materials	Designed to look good and stand up to rugged use

QUALITY/RELIABILITY/DURABILITY**This page is about:**

- Double-wall Pickup Box
- Durability Tested
- Mud Flaps/Stone Guards
- Corrosion Protection
- Stiff, Fully Boxed Front Frame
- Raised Power Dome Hood

2005 Ranger

Quality/Reliability/Durability

Key Features

Underneath its athletic, powerful appearance, Ranger is a genuine "Built Ford Tough" truck. With the quality construction and durable components that customers have learned to expect from Ford, Ranger's value has been proven through rigorous testing, off-road racing and years of real-life use by customers just

like yours. From such features as environmentally conscious emissions compliance to rust-fighting corrosion protection, Ranger has the quality, reliability and durability that assure your customers they're making a smart purchase decision.

Double-wall Pickup Box — helps protect outer box surfaces

Durability Tested — ensures Ranger can stand up to rugged use

Mud Flaps/Stone Guards — standard on select models, they help keep Ranger clean and help prevent paint chipping

Corrosion Protection — two-sided galvanized steel provides outstanding corrosion resistance

Stiff, Fully Boxed Front Frame — contributes to excellent ride and handling

Raised Power Dome Hood — distinct, bold appearance



2005 Ranger

Quality/Reliability/Durability

QUALITY/RELIABILITY/DURABILITY

This page is about:

- Composite Cross-cab Beam
- Front Frame
- Pickup Box
- Corrosion Protection
- Testing
- Environment

Ranger

Durability Specifics

Composite Cross-cab Beam

- Mounted behind the instrument panel
- Made of composite plastic, resists corrosion, 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 Pickup 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

Quality Specifics

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

Environmentally Conscious Performance

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 9 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

Build Information


- The 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

A Closer Look: Front Frame Section

Share this info with customers who want to know more:

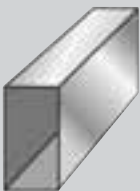
Ranger's stiff, fully boxed front frame section provides additional frame strength because the frame has four sides, like a box. The middle and rear portions of the frame utilize "C-channel" frame construction. The rails on these portions of the frame have three sides. The durability of the Ranger frame has been proven over years of off-road racing competition, so it can stand up to just about anything your customers dish out.

Some Competitors



C-channel Frame

2005 Ranger



Fully Boxed Frame

SAFETY/SECURITY

This page is about:

- Four-wheel Anti-lock Braking System (ABS)
- Fuel Pump Inertia Auto Shutoff
- 3-point Lap/Shoulder Safety Belts
- Airbags
- LATCH Child Safety Seat System

2005 Ranger

Safety/Security

Key Features

Although Ranger buyers have free-spirited attitudes and adventurous lifestyles, they still have concerns about safety and security. That's why Ranger crash standards also include

important occupant protection and accident avoidance features your customers will appreciate.



- **Four-wheel Anti-lock Braking System (ABS)** — helps provide steering control under most conditions, even on wet or slippery surfaces
- **Fuel Pump Inertia Auto Shutoff** — automatically shuts off the fuel being pumped to the engine for added safety in the event of a collision
- **3-point Lap/Shoulder Safety Belts** — height-adjustable for driver and right front passenger for comfort; safety belts are the most important occupant protection feature in the vehicle
- **Second Generation Airbag Supplemental Restraint System (SRS)** — provides added protection for driver and right front passenger. Includes passenger-side airbag deactivation switch for use with a child safety seat
- **LATCH Child Safety Seat System** — the right front passenger's seat is equipped with the Lower Anchors and Tethers for CHildren (LATCH) universal system for installing LATCH-compatible forward-facing child safety seats

LATCH Specifics

- Rigid metal anchor bars built into the vehicle at the base of the right front passenger's seatback
- Child safety seat is placed directly on the seat and connects to the anchor points
- LATCH also provides a top tether anchor. The customer must use the tether provided by the child safety seat manufacturer to secure the seat
- Emphasize to customers the importance of deactivating the passenger-side airbag with the passenger airbag deactivation switch, located on the instrument panel, before they install a child safety seat in Ranger

LEARNING PATH

<i>To learn more about:</i>	<i>You will find more info here:</i>
LATCH Child Safety Seat System	2005 Truck Product Training DVD

2005 Ranger

Safety/Security

SAFETY/SECURITY

This page is about:

- Four-wheel Anti-lock Braking System (ABS) —
- Features and Benefits —

Presentation Tips



All Ranger models are equipped with a standard **Four-wheel Anti-lock Braking System (ABS)**. Four-wheel ABS helps provide steering control under most conditions, even on wet or slippery surfaces. When impending wheel lockup is detected, the system automatically “pumps” the brakes on the locking wheel(s), helping to provide straighter stops and greater steering control. The system also features Electronic Brake Force Distribution (EBD). EBD adjusts rear brake pressure according to the vehicle load, yielding optimum stopping distance in many conditions.

- **Explain** that 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

Additional Features

Feature	Benefit
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 their safety belt
Safety Belt Pretensioners	Tighten safety belts in a frontal collision to more effectively restrain front outboard occupants. They also help reduce the force of the belt on the occupants
Energy Management Retractors	After the safety belts have restrained the front-seat occupants, the retractors gradually allow the safety belts to loosen if necessary, which helps reduce the force of the belts on occupants’ chests, allowing them to move forward very slightly into the airbags

COMFORT/CONVENIENCE

2005 Ranger

Comfort/Convenience

This page is about:

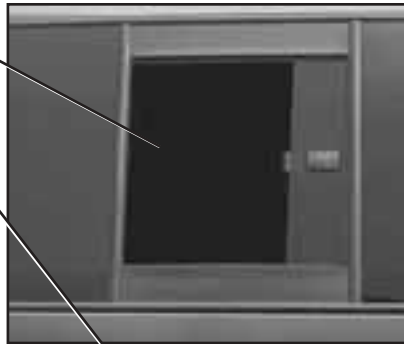
- Sliding Rear Window
- Cargo Area
- 60/40 Split Bench Front Seat
- Rear Jump Seats
- Cloth Sport Bucket Seats
- Available 4-door Feature

Key Features

When it comes to their vehicle, Ranger customers want it all — a vehicle that will support their adventurous lifestyles as well as one that will provide rugged dependability along with a host of safety and security features. They also demand the type of functional innovation in their vehicle's comfort and

convenience features that will allow them to follow the road wherever it takes them. Ranger satisfies its customers over the long haul with an array of comfort and convenience features.

Sliding Rear Window — increases air circulation in the cab (select availability)



Cargo Area — features functional two-tier loading in the pickup box. An optional bed extender expands the length of the cargo bed for increased utility and flexibility



60/40 Split Bench Front Seat — redesigned for greater comfort, the seat offers sculpted bolsters and adjustable features



Rear Jump Seats — provide additional passenger capacity in select SuperCab models

Cloth Sport Bucket Seats — with full-length floor console (select availability)

Available 4-door Feature — allows easy access to the cargo area behind the front seats on SuperCab models with V-6 engine



Side Step Bars — make getting into and out of the vehicle easier (select availability)

LEARNING PATH

To learn more about:	You will find more info here:
Audio Systems	Audio Section — pgs. 18, 19

2005 Ranger

Comfort/Convenience

COMFORT/CONVENIENCE

This page is about:

- Cargo Area
- Features and Benefits
- Audio Systems

Ranger

Cargo Area Specifics



Ranger features functional two-tier loading in the pickup box:

- With tailgate down, when two 2x4s are placed across the box in special depressions, Ranger can accommodate flat loading of 4-foot by 8-foot plywood sheets
- Additional cargo can be placed under the plywood for more efficient use of the space
- The optional cargo bed extender hinges on the sides of the cargo area and rests on the cargo box floor. It can fold 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
- The optional 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

Additional Features

Feature	Benefit
Power Equipment Group (optional)	Includes power windows with one-touch-down driver's-side window, power exterior mirrors, power door locks, Remote Keyless Entry System and High Series interior door panels with map pockets
Remote Keyless Entry System (optional)	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 System Specifics

Nowhere is Ranger's youthful appeal more evident than in the wide range of factory-installed audio systems it offers.

Audio Equipment

- AM/FM stereo — standard on XL **and STX**
- AM/FM stereo/CD player — standard on XLT and FX4/Off-Road, **optional on STX**
- AM/FM stereo/CD/cassette player with MP3 capability — standard on EDGE and FX4/Level II, **optional on STX**
- AM/FM stereo/6-disc in-dash CD/cassette player with MP3 capability — optional on all models except XL

Pioneer 290-watt MP3 Capable Sound System

- Available on select **STX**, XLT, EDGE and FX4 models with required equipment: 5-speed automatic transmission **and** front sport bucket seats with center floor console
- AM/FM stereo/6-disc in-dash CD player with MP3 capability
- Multi-channel amplifier
- 6.5-inch powered bass subwoofer with 9.2-liter enclosure
- 5.25-inch polypropylene midrange speakers
- **3/4-inch soft dome tweeters**
- 6-inch by 8-inch polypropylene dual-cone full-range rear speakers

AUDIO**This page is about:**

- AM/FM Stereo
- AM/FM Stereo/Single-disc CD Player
- Premium In-dash MP3 Capability 6-disc CD Player
- Premium Dual Media MP3 Capability CD/Cassette Player

2005 Ranger

Audio⁽¹⁾

AM/FM Stereo



- 50 watts
- 2 premium speakers
- 6 AM/12 FM presets
- Clock

AM/FM Stereo/Single-disc CD Player



Includes features of AM/FM stereo plus:

- 140 watts
- 4 premium speakers

Premium In-dash MP3 Capability 6-disc CD Player



- 140 watts
- 4 premium speakers
- 6 AM/12 FM presets
- 6-disc in-dash CD changer
- MP3 reads song title and artist information from ID3 tags
- MP3 scroll directory without interrupting played files
- Supports 253 titles per folder disc

Premium Dual Media MP3 Capability CD/Cassette Player



- 140 watts
- 4 premium speakers
- 6 AM/12 FM presets
- MP3 reads song title and artist information from ID3 tags
- MP3 scroll directory without interrupting played files
- Supports 253 titles per folder disc
- Electronic logic cassette player with soft-touch controls

(1) Refer to the latest Dealer Ordering Guide for specific audio availability.

NOTE: For additional feature or operation information, please refer to the appropriate section in the Owner's Guide.

2005 Ranger

Audio⁽¹⁾

AUDIO

This page is about:

Pioneer 290-watt MP3 Capability 7-speaker
Sound System
TREMOR 510-watt Audiophile System
with MP3 Capability

Pioneer 290-watt MP3 Capability 7-speaker Sound System



- AM/FM stereo 6-disc in-dash MP3 changer
- 290-watt multi-channel amplifier
- 6½-inch bass subwoofer with 9.2-liter enclosure (center console mounted)
- 2-way front-door speakers with ¾-inch **soft** dome tweeters and 5¼-inch midrange front speakers
- 6- by 8-inch dual-cone full-range rear speakers
- Flow-through subwoofer console with integrated cup holders
- 6 AM/12 FM presets
- MP3 reads song title and artist from ID3 tags
- MP3 scroll directory without interrupting played files
- Supports 253 titles per folder disc

TREMOR 510-watt Audiophile System with MP3 Capability



- "Powered by Pioneer"
- AM/FM stereo 6-disc in-dash MP3 changer
- 510-watt multi-channel amplifier
- 10-inch subwoofer — floor-facing mounted enclosure
- 4 6- by 8-inch coaxial speakers
- MP3 reads song title and artist from ID3 tags
- MP3 scroll directory without interrupting played files
- Supports 253 titles per folder disc

(1) Refer to the latest Dealer Ordering Guide for specific audio availability.

NOTE: For additional feature or operation information, please refer to the appropriate section in the Owner's Guide.







WHEELS

2005 Ranger

Wheels

This page is about:

- 15" 5-Lug Argent Steel
- 15" 7-Spoke Silver-painted
- 15" 7-Spoke Chrome
- 15" 5-Lug Machined Aluminum
- 16" 5-Lug Standard Aluminum
- 16" 5-Spoke Cast Aluminum

Wheel	XL	STX	XLT	EDGE	FX4/ Off-Road	FX4/ Level II
15" 5-Lug Argent Steel Wheel with Bright Hub Cover (15" x 6") Order Code: 64		Standard on XL 4x2	—	—	—	—
15" 7-Spoke Silver-painted Wheel with Chrome Hub Cover (15" x 7") Order Code: 64E		Standard on XL 4x4	—	Standard on 4x2 Regular Cab and SuperCab Optional on 4x4 Regular Cab	Standard on 4x2 Optional on 4x4 Regular Cab	—
15" 7-Spoke Chrome Wheel with Chrome Hub Cover (15" x 7") Order Code: 64G		—	—	Standard on 4x4 Regular Cab Optional ⁽¹⁾	Standard on 4x4 Regular Cab	—
15" 5-Lug Machined Aluminum Split Spoke Wheel with Chrome Hub Cover (15" x 7") Order Code: 64H		—	Standard	Optional ⁽²⁾	—	—
16" 5-Lug Standard Aluminum Wheel (16" x 7") Order Code: 64X		—	—	Standard on XLT 4x4 SuperCab	—	—
16" 5-Spoke Cast Aluminum Wheel (16" x 7") Order Code: 649		—	—	Optional on 4x4 SuperCab Optional on 4x2	Standard on 4x4 SuperCab	Standard

— = Not available

(1) Available with XLT 4x2 Appearance Package (91A).

(2) Available with XLT 4x2 Appearance Package (91A), Option 2.

NOTE: Refer to the latest Dealer Ordering Guide for wheel availability.





2005 Ranger Wheels

WHEELS

This page is about:

- 15" 8-Hole 5-Lug Forged Aluminum
- 16" 5-Spoke Machined Finished Aluminum
- 15" 5-Lug Steel Spare
- 16" 5-Lug Steel Spare

Ranger

Wheel	XL	STX	XLT	EDGE	FX4/ Off-Road	FX4/ Level II
15" 8-Hole 5-Lug Forged Aluminum Wheel (15" x 7") – FX4/Level II only Order Code: 64C 	—	—	—	—	—	Standard
16" 5-Spoke Machined Finished Aluminum Wheel (16" x 7") Order Code: 64R 	—	—	—	Standard on TREMOR	—	—
15" 5-Lug Steel Spare (15" x 6") 	Optional ⁽¹⁾	Optional⁽¹⁾	Optional⁽¹⁾	—	—	—
16" 5-Lug Steel Spare (16" x 7") 	—	—	Standard on 4x4	Standard	Standard	Standard

— = Not available

(1) Optional only. Standard space-saver spare is not shown.

NOTE: Refer to the latest Dealer Ordering Guide for wheel availability.

SEATS/INSTRUMENT CLUSTER

2005 Ranger

Seats/Instrument Cluster

This page is about:

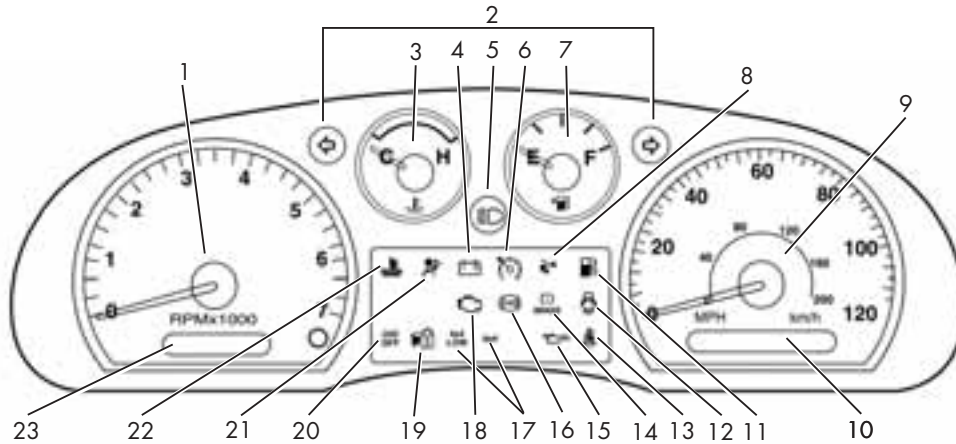
- Seats
- Instrument Cluster

Seats

Interior Trim Type and Color Selector NOTE: First character denotes type; second character denotes color.	Interior and Seat Color				
	Medium Pebble Tan	Medium Dark Flint	Ebony/Red	Ebony/Blue	Solid Ebony
XL Vinyl 60/40 Split Bench Seat Cloth 60/40 Split Bench Seat	QP RP	QF RF			
STX Cloth Sport Bucket Seats Leather-trimmed Bucket Seats (SuperCab only)			MF	LF	UF
EDGE Cloth 60/40 Split Bench Seat Cloth Sport Bucket Seats (SuperCab only) Leather-trimmed 60/40 Split Bench Seat (SuperCab with automatic only) Leather-trimmed Bucket Seats (SuperCab with automatic only)	RP SP TP UP	RF SF TF UF			
TREMOR Cloth 60/40 Split Bench Seat Cloth Sport Bucket Seats		RF SF			
XLT and FX4/Off-Road Cloth 60/40 Split Bench Seat Cloth Sport Bucket Seats (SuperCab only) Leather-trimmed 60/40 Split Bench Seat (SuperCab with automatic only) Leather-trimmed Bucket Seats (SuperCab with automatic only)	RP SP TP UP	RF SF TF UF			
FX4/Level II Cloth Sport Bucket Seats Leather-trimmed Bucket Seats			MB	LB	UB

NOTE: Please refer to the 2005 Color and Upholstery Book or the Specifications section of eSourceBook (esourcebook.dealerconnection.com) for illustrations of the available seating choices.

Instrument Cluster



- | | | |
|-------------------------------------|--|--|
| 1. Tachometer | 11. Low fuel warning light | 18. Check engine warning light |
| 2. Turn signal indicators | 12. Door ajar warning light | 19. Vehicle security indicator |
| 3. Engine coolant temperature gauge | 13. Fasten safety belt warning light | 20. Overdrive off indicator/warning light |
| 4. Charging system warning light | 14. Brake system warning light/parking brake indicator | 21. Airbag readiness indicator/warning light |
| 5. High-beam indicator | 15. Oil pressure warning light | 22. Engine coolant temperature warning light |
| 6. Speed control indicator | 16. Anti-lock Braking System warning light | 23. Trip odometer |
| 7. Fuel gauge | 17. 4x4 system indicators ⁽¹⁾ | |
| 8. Check fuel cap warning light | | |
| 9. Speedometer | | |
| 10. Odometer | | |

(1) If equipped.

2005 Ranger

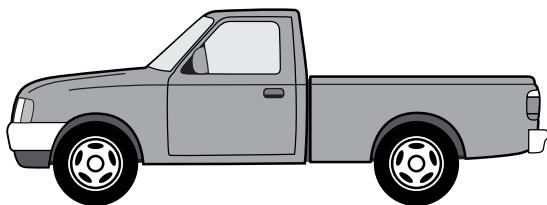
Configurations

CONFIGURATIONS

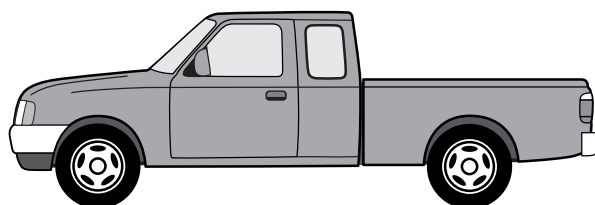
This page is about:

- Configurations
- Special Applications

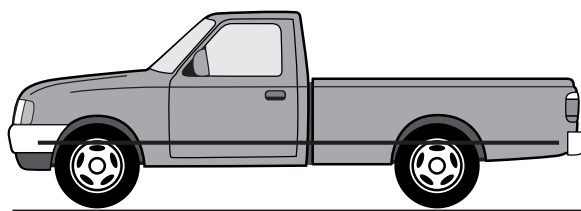
Configurations



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



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



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

Special Applications

Trailer Towing Information

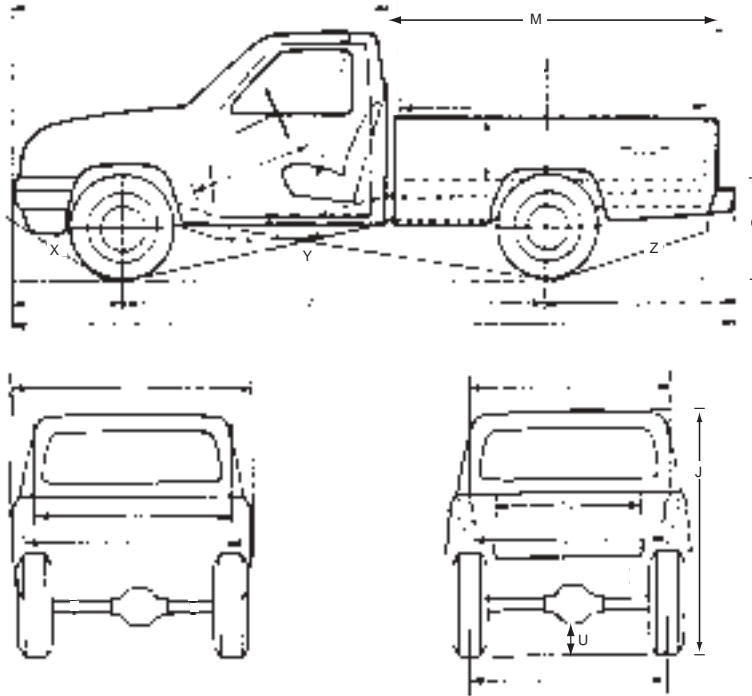
For additional towing information please refer to the 2005 RV & Trailer Towing Guide (found behind the 2005 Truck Source Book Towing tab) or the vehicle's Owner's Guide.

Snowplow Information

Not recommended for snowplow applications.

2005 Ranger

Dimensions



REGULAR CAB

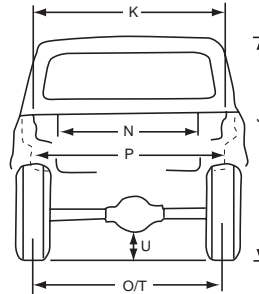
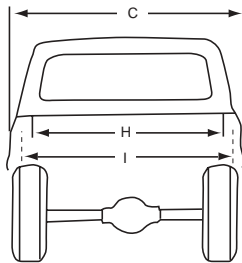
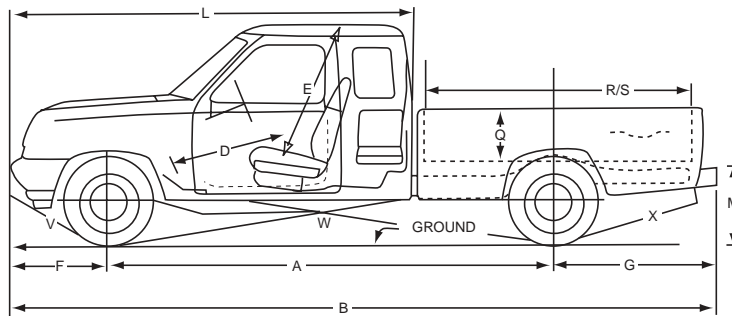
Model Code	Description	Styleside SWB 112 in. 4x2/4x4 (in.)	Styleside LWB 118 in. 4x2/4x4 (in.)
A	Wheelbase	111.5	117.5
B	Overall Length	188.5	200.5
C	Vehicle Width (Excluding Mirrors)	69.4/70.3	69.4/70.3
D	Leg Room	42.4	42.4
E	Head Room	39.3	39.3
F	Front Overhang	33.1	33.1
G	Rear Overhang	43.9	49.8
H	Shoulder Room	54.5	54.5
I	Hip Room	52.7	52.7
J	Overall Height (Empty)	66.2/68.3	66.2/68.1
K	Cargo Area/Pickup Box Opening Width at Floor	52.0	52.0
L	Front of Bumper to Back of Cab	107.2	107.2
M	Length at Top of Box	72.2	83.9
N	Cargo Area/Pickup Box Width Between Wheelhouses	40.4	40.4
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)	29.7/31.9	29.3/31.7
R	Cargo Area/Pickup Box Length at Floor	72.3	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)	7.7/7.9	7.5/7.7
X	Approach Angle (Empty)	24.9°/27.2°	25.6°/27.2°
Y	Ramp Breakover Angle (Empty)	22.4°/23.8°	20.9°/22.8°
Z	Departure Approach Angle (Empty)	24.6°/27.5°	21.2°/24.0°

2005 Ranger

Dimensions cont'd

RANGER

Ranger



SUPERCAB

Model Code	Description	Styleside 4x2/4x4 (in.)
A	Wheelbase	125.7
B	Overall Length	202.7
C	Vehicle Width (Excluding Mirrors)	69.4/70.3
D	Leg Room	42.4 (Front) 40.1 (Rear)
E	Head Room	39.3 (Front) 33.3 (Rear)
F	Front Overhang	33.1
G	Rear Overhang	43.9
H	Shoulder Room	53.8 (Front) 15.3 (Rear)
I	Hip Room	52.7 (Front) 19.4 (Rear)
J	Overall Height (Empty) Frame Width	66.3/69.4
K	Cargo Area/Pickup Box Opening Width at Floor	52.0
L	Front of Bumper to Back of Cab	121.2
M	Open Tailgate to Ground (Empty)	29.5/33.5
N	Cargo Area/Pickup Box Width Between Wheelhouses	40.4
O	Front Track (Empty)	58.5
P	Cargo Area/Pickup Box Width at Floor (Maximum)	50.6
Q	Cargo Area/Pickup Box Height	16.5
R	Cargo Area/Pickup Box Length at Floor	72.3
S	Cargo Area/Pickup Box Length at Top of Box	72.2
T	Rear Track (Empty)	57.3
U	Ground Clearance to Rear Axle	9.8/10.1
V	Approach Angle (Empty)	25.2°/28.0°
W	Ramp Breakover Angle (Empty)	19.5°/22.5°
X	Departure Angle (Empty)	24.3°/29.6°

2005 Ranger

Basic Specifications

Base Curb Weights — Regular Cab

Model/Wheelbase (in.)	Base Curb Weight (lbs.)		
	Front	Rear	Total
4x2/112	1765	1245	3010
4x2/118	1775	1298	3073
4x4/112	2085	1371	3456
4x4/118	2106	1415	3521

Base Curb Weights — SuperCab

Model/Wheelbase (in.)	Base Curb Weight (lbs.)		
	Front	Rear	Total
4x2/126	1834	1345	3179
4x4/126	2233	1464	3697

Cargo Volume — Regular Cab

	Volume (cu. ft.)
With 6-ft. Styleside box	37.3
With 7-ft. Styleside box	43.5

Cargo Volume — SuperCab

	Volume (cu. ft.)
With 6-ft. Styleside box	37.3

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

2005 Ranger

RANGER

Weight Ratings

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	XL, XLT	2.3L/Manual	4380	1260	600	2000-2400	2550	1765	1245	3010
4x2 Styleside 112 with 6' box	XL, XLT	2.3L/Manual	4700	1620 (#2) ⁽⁴⁾	880	2000-2400	2750	1767	1263	3030
	EDGE	3.0L/Manual	4740	1260	840	2510-2710	2750/2600	1972	1314	3286
Regular Cab	XLT	3.0L/Auto	4380	1260	537	2000-2400	2550	1775	1298	3073
4x2 Styleside 118 with 7' box		3.0L/Auto	4720	1580 (#2) ⁽⁴⁾	857	2000-2400	2750	1777	1316	3093
Regular Cab 4x4 Styleside 112 with 6' box	XL, XLT,	3.0L/Manual	4760	1260	534	2510-2710	2550	2085	1371	3456
	EDGE	3.0L/Manual	5040	1540 (#2) ⁽⁴⁾	753	2510-2710	2750	2085	1372	3457
Regular Cab 4x4 Styleside 118 with 7' box	XLT	4.0L/Manual	4840	1280	489	2510-2710	2550	2106	1415	3521
		4.0L/Manual	5060	1500 (#2) ⁽⁴⁾	686	2510-2710	2750	2106	1416	2522
SuperCab 4x2 Styleside 126 without Jump seats	XL, XLT	3.0L/Manual	4600	1260	651	2100-2500	2600	1834	1345	3179
	XL, XLT	3.0L/Manual	4900	1520 (#2) ⁽⁴⁾	946	2200-2500	2750	1968	1366	3334
	EDGE	3.0L/Manual	4800	1260	811	2510-2710	2600	2048	1403	3451
SuperCab 4x4 Styleside 126 with Jump seats	XL, XLT	3.0L/Manual	4760	1260	651	2200-2600	2600	1834	1345	3179
	XL, XLT	3.0L/Manual	5040	1660 (#2) ⁽⁴⁾	786	2300-2600	2750	1968	1366	3334
	EDGE	3.0L/Manual	4940	1260	711	2510-2710	2600	2048	1403	3451
SuperCab 4x4 Styleside 126 without Jump seats	XL, XLT	4.0L/Manual	5000	1260	511	2510-2900/ 2510-2850	2600	2233	1464	3697
	XL, XLT	4.0L/Manual	5180	1440 (#2) ⁽⁴⁾	510	2510-2900/ 2510-2850	2750	2233	1465	3698
SuperCab 4x4 Styleside 126 with Jump seats	XL, XLT	4.0L/Manual	5140	1260	453	2710-2900/ 2710-2850	2600	2233	1464	3697
	XL, XLT	4.0L/Manual	5320	1580 (#2) ⁽⁴⁾	552	2710-2900/ 2710-2850	2750	2233	1465	3698
	FX4/Level II	4.0L/Manual	5440	1260	515	2900/2850	2750	2402	1646	4048

- (1) Load rating represents maximum allowable weight of occupants, 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).
 (4) With Payload Package #2.

NOTE: Refer to the Payload Workbook section of the 2005 Appendices book for Add Weights for Optional Engine, Transmission and other optional equipment.

2005 Ranger

Standard Powertrain/Chassis Equipment Specifications

REGULAR CAB/SUPERCAB

DRIVE:		4x2	4x4
POWERTRAIN:		Refer To Dealer Ordering Guide For 50 States Usage	
Engine	— Type - 50 States	2.3L (140 CID) SEFI I-4	3.0L (182 CID) SEFI V-6
Transmission	— Type	Manual 5-Speed OD	
	— Low/High Gear Ratio	3.72:1/.79:1	
Transfer Case	— Electronic 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. (EDGE 2850 lbs.) SuperCab 2625 lbs. (EDGE 2850 lbs.)	2850 lbs.
	— Rear - Type	Semi-Floating, Ford	
	— Rear - Capacity (Rating @ ground)	2750 lbs.	2750 lbs.; FX4 Level II 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	95 Amperes, 1425 Watts (3G)	
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 (118")	
JACK:	— Capacity	1.5 Ton	
STEERING:	— Type/Ratio	Power, Ford XR-50/22.00:1	Power, Ford XR-50/21.50:1
	— Turning diameter (ft.)	Regular Cab 37.7 SWB, 39.8 LWB (curb-to-curb)	Regular Cab 39.1 SWB, 41.1 LWB (curb-to-curb)
		SuperCab 42.7 (curb to curb)	SuperCab 43.0 (curb to curb)

Standard Powertrain/Chassis Equipment Specifications cont'd

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 SuperCab	2.6 cubic in. 3.75 cubic in.
Springs, Front	— Type	Coil, Computer-Selected	
	Rating at ground (min.)	Refer to page 32 for usage and ratings	
Torsion Bar, Front	— Type	—	Computer-Selected
	Rating at ground (min.)	Refer to page 32 for usage and ratings	
Tow Hooks, Front	—	—	Painted black closed-eye design
Springs, Rear	— Type	Multi-leaf, two-stage	
	Rating at ground (min.)	Refer to page 33 for usage and ratings	
Shock Absorbers	— Frt/ Rr (Gas-Type)	1.19" ; 1.38" with Payload Pkg #2	1.38"
Front Stabilizer Bar	— Type	Std.	
Rear Stabilizer Bar	— Type	—	Std.
TIRES:			
	— No./Type	Four Steel-Belted Radial	
	— Size	P225/70R15 A/S BSW; Space Saver Mini Spare Tire P235/70R15 A/S BSW (EDGE)	P255/75R16 A/T OWL ⁽¹⁾ ; P235/70R16 A/S Limited Service Spare
	— Spare Tire Carrier	Rear Under Frame, Crank Down Type	
WHEELS:			
	— No./Type	Four Steel 5-hole Disc ⁽²⁾	Four Aluminum 5-spoke ⁽³⁾
	Size	15" x 6.0" JJ(2)	16" x 7.0" JJ (3)

- (1) P235/75R15 A/T OWL spare tire on Regular Cab 4x4. P235/70R16 A/S spare tire on FX4 Level II with 31 x 10.5 tires.
 (2) 15" x 7.0" Argent Steel for XL, 15" 7-Spoke Silver Steel wheels with EDGE 4x2, 16" 5-spoke aluminum wheels on EDGE 4x4 and 7-Spoke Silver Steel or Chrome on XLT SuperCab.
 (3) Includes 15" x 6.0" Argent steel spare wheel on Regular Cab. FX4 Level II includes four 15" x 7.0" forged aluminum wheels with Limited Service steel spare wheel.

2005 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 ⁽¹⁾	2625 ⁽¹⁾	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			

(1) Includes 2850-lb. axle with the Optional 112" and 126" WB EDGE.

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
						8.45/1.33/0.39	1.81	33.79	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
						8.45/1.33/0.39	1.81	33.79	200.57
Disc, Used					Inboard	8.45/1.33/0.39	—	—	—

Technical Specifications cont'd

Brakes (Cont'd)

HYDRAULIC BRAKE EQUIPMENT SPECIFICATIONS — REAR DRUM — REAR 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 R/C & S/C ⁽²⁾	2750	10.00 x 2.50	0.18	0.23	0.75	90.12	157.08

(1) With Payload Package No. 1 only.

(2) With all 4x4 and SuperCab and Regular Cab 4x2 with Payload Package No. 2 or EDGE 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) SEFI 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
3.0L (182) FFV SEFI V-6	Std	Manual	492	23.68	20.79	1.02	1	12.7	7.2	Plastic	12	18.00
	Std	Auto	492	23.68	20.79	1.02	1	12.7	7.8	Plastic	12	18.00
4.0L (245) SEFI V-6	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	3.0L/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

2005 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
Regular Cab 4x4	112	1.51 in./rev.	21.5:1	39.11	40.76
	118	1.51 in./rev.	21.5:1	41.17	43.31
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 Regular Cab	112, 118	6.54 x 2.89 x 0.130	2.62	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
Regular Cab, SuperCab 4x2	All	Std.	2	1.19	Gas pressurized	2	1.19	Gas pressurized
Regular Cab, SuperCab 4x2 ⁽¹⁾	All	HD	2	1.38	Gas pressurized	2	1.38	Gas pressurized
Regular Cab 4x4	112, 118	Std.	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.

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)	Rating Each @ Pad (lbs./spring)
4x2 ⁽¹⁾	All	2200	12.12	4.0	0.742	269	2037
		2300	12.12	4.0	0.742	269	2140
		2400	12.12	4.0	0.753	286	2244
		2500	12.12	4.0	0.768	303	2347
		2600	12.12	4.0	0.768	303	2450

(1) See chart below for EDGE torsion bar specifications.

SPRING SPECIFICATIONS — 4x2 EDGE/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.
4x2 Edge						
4x4	All	2510	1.03	40.19	200	1130
		2710	1.06	40.27	215	1230
		2900	1.09	40.35	235	1325

2005 Ranger

Technical Specifications cont'd

RANGER

Ranger

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	4380	1	2550	4	1.60	56.5	2.50	124/243	1125
	112	4700	2	2750	4	1.82	56.5	2.50	138/315	1225
EDGE	112	4740	1	2750	4	1.82	56.5	2.50	138/315	1225
	118	4380	1	2550	4	1.60	56.5	2.50	124/243	1125
	118	4720	2	2750	4	1.82	56.5	2.50	138/315	1225
Regular Cab 4x4	112	4760	1	2750	4	1.82	56.5	2.50	138/315	1225
	112	5040	2	2750	4	1.82	56.5	2.50	138/315	1225
	118	4840	1	2750	4	1.82	56.5	2.50	138/315	1225
	118	5060	2	2750	4	1.82	56.5	2.50	138/315	1225
SuperCab 4x2	126	4600/4760	1	2600	4	1.64	56.5	2.50	135/257	1150
	126	4900/5040	2	2750	4	1.82	56.5	2.50	138/315	1225
EDGE	126	4800	1	2600	4	1.64	56.5	2.50	135/257	1150
SuperCab 4x4	126	5000/5140	1	2600	4	1.64	56.5	2.50	135/257	1150
	126	5180/5320	2	2750	4	1.82	56.5	2.50	138/315	1225
FX4	126	5440	1	2750	4	1.82	56.5	2.50	138/315	1225

Tires and Wheels

TIRE SPECIFICATIONS

Size	Rim Width (in.)	Section Width (in.)	Load Rating	Maximum Inflation Pressure (psi)	Load Limits @ Maximum Inflation Pressure (lbs.)	Static Loaded Radius (in.)	Revolutions Per Mile @ 45 mph
P225/70R15 SL	7.0	9.30	Std.	35 (30-30*)	1594	12.23	765
P235/60R16 SL	7.0	9.5	Std.	35 (30-30*)	1984	13.2	718
P235/75R15 SL	7.0	9.98	Std.	35 (30-35*)	1843	13.02	717
P235/70R16 SL	7.0	9.5	Std.	35 (30-35*)	1984	13.2	718
P255/75R16 SL	7.0	9.78	Std.	35 (30-35*)	2064	13.61	683
31X10.5R15 LT	7.0	10.22	Std.	50 (30-30*)	2250	14.32	682

* (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)
Argent Steel	15" x 6.0" J	0.5/12	5	4.5	1500
7-Spoke Silver Styled Steel	15" x 7.0" J	0.5/12	5	4.5	1600
7-Spoke Chrome Styled Steel	15" x 7.0" J	0.5/12	5	4.5	1600
Silver Machined Aluminum	15" x 7.0" J	0.5/12	5	4.5	1600
8-hole Forged Aluminum	15" x 7.0" J	0.5/12	5	4.5	1600
Cast Aluminum (Eyebrow)	16" x 7.0" J	0.5/12	5	4.5	1600
5-Spoke Aluminum (Thumbprint)	16" x 7.0" J	0.5/12	5	4.5	1600

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

2005 Ranger

Technical Specifications cont'd

Transmission

MANUAL TRANSMISSION SPECIFICATIONS

Make/Type		Mazda (5-Speed Overdrive) (2.3L/3.0L)	Mazda R1HD (5-Speed Overdrive) (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	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	Single Row Roller

AUTOMATIC TRANSMISSION SPECIFICATIONS

Make/Type	Ford 5-Speed Automatic Overdrive (5R44-E) (2.3L/3.0L)	Ford 5-Speed Automatic Overdrive (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.

Clutch Specifications

Engine	2.3L (153) SEFI I-4	3.0L (182) SEFI V-6	4.0L (245) SOHC SEFI V-6
Hydraulic Pressure Plate Dia. (in.) (approx.)	11	11	11.6
Disc Type	Segmented		
Lining Material	Woven Non-Asbestos		
Outside Diameter (in.) (approx.)	9	9	10
Inside Diameter (in.)	5.9	5.9	6.75
Facing Area (sq. in.)	68	68	84
Wear Capacity (thickness) (in.)	0.11	0.11	0.16
Pressure Plate, Type	Self-adjusting		
Release Load (lbs.)	339	339	378
Release Bearing	Sealed Bearing Integral to Slave Cylinder		