

2005 Thunderbird

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WHAT'S NEW

This page is about:

- Exterior Changes
- Interior Changes
- Key Competitors and How They're Positioned

2005 Thunderbird

What's New

The 2005 Thunderbird is an American icon and Ford Motor Company's image leader. It exhibits and maintains extremely high quality, reliability and craftsmanship, earning a solid reputation while gaining the buying public's trust. Thunderbird has garnered higher customer satisfaction than any other Ford vehicle, is the highest conquest vehicle in the Ford lineup and has the second highest market share of all convertibles. Listed below are some of the new features for 2005.⁽¹⁾

Exterior Changes

- Exclusive "50th Anniversary" fender chevron on both right and left front fenders of all 2005MY Thunderbirds
- Colors added:
 - Bronze (BR)
 - Medium Steel Blue (SB)
- Colors deleted:
 - Merlot
 - Vintage Mint Green
 - Light Ice Blue Metallic

Interior Changes

- Newly styled aluminum appliqué trim on doors and center stack
- Addition of map pockets on driver and passenger seats
- Addition of Medium Steel Blue (BB) Partial Interior Color Accent Packages. Medium Steel Blue color applied to leather on seat insert, top of steering wheel and shift knob
 - Includes matching Medium Steel Blue cloth convertible top
 - Partial Interior Color Accent Package also available in Torch Red (BR)



Key Competitors and How They're Positioned

- **Porsche Boxster** — Porsche is a worldwide synonym for sports cars
- **BMW Z4 Roadster 3.0i** — All-new in 2003, this is the car that takes the traditional roadster into the 21st century
- **Mercedes-Benz SLK 230** — It blends passion with prestige, yet it's affordable

(1) For a complete list of what's new for 2005, please refer to the latest Dealer Ordering Guide.

2005 Thunderbird

What's Important

WHAT'S IMPORTANT

This page is about:

- Product Highlights
- Key Features
- An American Icon

Product Highlights

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

Convertible soft top and optional removable top

(pgs. 10, 12)

Independent Short- and Long-Arm (SLA) front and rear suspension

(pgs. 5, 7)

Extensive list of standard equipment

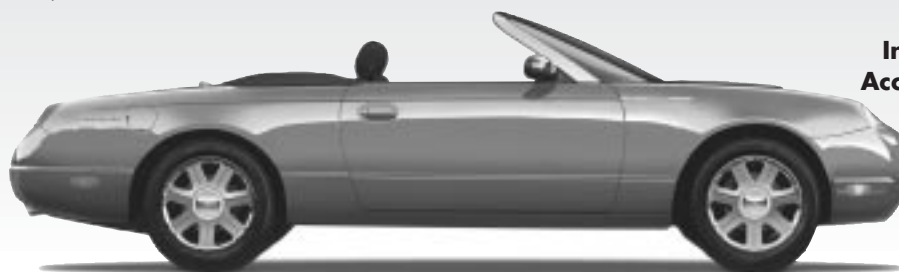
(pg. 4)

Collectible

(pg. 8)

Powerful V-8 engine

(pg. 5)



Interior Color Accent Packages

(pg. 11)

Legendary styling cues

(pg. 8)

Key Features

Use the Thunderbird 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.

Performance/Handling

- **Powerful 3.9L 32V DOHC all-aluminum V-8 engine**
- 5-speed automatic transmission
- True touring car ride and handling
- **Independent Short- and Long-Arm (SLA) front and rear suspension**
- Two-piece driveshaft
- Available SelectShift™ automatic transmission

Design/Styling

- **Legendary styling cues**
- **Collectible**
- True two-seat roadster design
- **Convertible soft top**
- **Removable top (Premium only)**
- Supplemental parking lamps (no-cost option)
- Limited edition colors
- Extensive use of composite materials
- 17-inch wheels
- "Afterburner" taillamps
- **Interior Color Accent Packages**

Comfort/Convenience

- "Short-drop" window glass (automatic sealing mechanism for side windows)
- Power retractable convertible soft top
- Dual Automatic Temperature Control (DATC)
- Steering-wheel-mounted audio and speed controls
- Heated power seats

Safety/Security

- Airbags
 - Driver and passenger front and side airbags
 - Airbag deactivation switch on passenger side
- Battery Saver with automatic headlamp on/off delay
- SecuriLock® and smart locks
- LATCH Child Safety Seat System (Lower Anchors and Tethers for Children)
- All-Speed Traction Control System
- Four-wheel ventilated disc Anti-lock Braking System (ABS)
- Perimeter anti-theft system with LED indicator

Quality/Reliability/Durability

- Roadside Assistance
- Platinum-tipped spark plugs
- 100,000-mile scheduled tune-up interval
- New Vehicle Limited Warranty
- Key Life Testing

An American Icon

Thunderbird history is an important part of its brand. Many of its most popular styling cues have been carried over to make the 2005 model even more appealing. Like the '55-'57 Thunderbirds, the new model is a personal car with a finely appointed interior. It's sporty, but not a sports car.

It competes well with the European two-seaters, but with more value, more comfort and more charm. It is a unique combination of relaxed American sportiness, balanced performance and touring comfort.

MODEL LINEUP

This page is about:

- Thunderbird Deluxe Convertible
- Thunderbird Premium Convertible

2005 Thunderbird Model Lineup

Thunderbird Deluxe Convertible



PERFORMANCE/HANDLING

- 3.9L 32V DOHC all-aluminum V-8 engine
- Independent Short- and Long-Arm front and rear suspension
- Variable-assist rack-and-pinion steering
- Four-wheel ventilated disc brakes
- 5-speed automatic transmission
- Dual exhaust

DESIGN/STYLING

- Two-seat roadster
- Power retractable convertible soft top
- Retro styling
- "Afterburner" taillamps
- Chrome "egg crate" grille
- 17-inch painted cast aluminum wheels
- Bright-tipped dual exhaust outlets
- Hood scoop
- Optional supplemental parking lamps (no-cost)

COMFORT/CONVENIENCE

- Steering-wheel-mounted audio controls
- Electronic speed control
- Leather seating surfaces
- Remote Keyless Entry System
- 6-disc in-dash CD player/Sirius™ satellite radio capable
- Power tilt/telescoping steering wheel
- Dual Automatic Temperature Control (DATC)
- Power windows and door locks
- 6-way power driver's seat
- 2-way power passenger's seat
- Carpeted floor mats
- New overhead lighting with HomeLink®

SAFETY/SECURITY

- Driver and passenger, front and side airbags
- Four-wheel ventilated disc Anti-lock Braking System (ABS)
- Securilock® passive anti-theft system
- Smart locks
- LATCH Child Safety Seat System on passenger seat
- Passenger airbag deactivation switch
- Battery Saver feature
- All-Speed Traction Control

QUALITY/RELIABILITY/DURABILITY

- Extensive use of composites
- Key Life Testing
- 100,000-mile scheduled tune-up interval
- Stainless steel exhaust system

Thunderbird Premium Convertible



PERFORMANCE/HANDLING

Key features are the same as Thunderbird Deluxe Convertible.

DESIGN/STYLING

Includes all the features of Thunderbird Deluxe Convertible plus the following upgrade:

- 17-inch 7-spoke chrome aluminum wheels and center rings

COMFORT/CONVENIENCE

Includes all the features of Thunderbird Deluxe Convertible plus the following upgrade:

- Heated driver's and passenger's seats

SAFETY/SECURITY

Key features are the same as Thunderbird Deluxe Convertible.

QUALITY/RELIABILITY/DURABILITY

Key features are the same as Thunderbird Deluxe Convertible.

2005 Thunderbird

Performance/Handling

PERFORMANCE/HANDLING

This page is about:

Engine	—
Transmission	—
Suspension	—
Driving Dynamics	—
Dual Exhaust System	—
Touring Car Ride	—

Touring Car Ride

Like the original Thunderbird, the 2005 version exhibits a personal luxury touring car ride. Unlike other modern roadsters, however, Thunderbird possesses a unique personality that combines nostalgia with relaxed American sportiness, balanced performance and luxurious comfort. It is a contemporary expression of an earlier favorite, providing authentic V-8 power while offering the latest in finely tuned ride componentry and open road performance.

3.9L 32V DOHC All-Aluminum V-8 Engine

Engine — produces 280 horsepower at 6000 rpm and 286 lb.-ft. of torque at 4000 rpm. It combines good fuel economy with excellent performance (see below for more information).

Standard 5-speed Automatic Transmission

— computer-controlled for smooth, seamless shifting under all driving conditions with reduced noise, vibration and harshness (NVH) characteristics (see pg. 6 for more information).

Four-wheel Independent Short- and Long-Arm (SLA) Suspension — features gas shock absorbers, aluminum control arms and aluminum knuckles to reduce unsprung weight. Also includes front and rear stabilizer bars for excellent ride and handling (see pg. 7 for more information).

Driving Dynamics — with a roadster, the stiffer the body the better because it's more responsive to driver inputs. That's why extra structural reinforcement is provided to compensate for Thunderbird's open-body roadster design. The result is exemplary handling and comfort at all driving speeds.

Dual Exhaust System — is built of stainless steel for long life and features dual catalytic converters, dual mufflers and dual resonators. Attractive 3-inch diameter chrome-finished exhaust tips are visible through the rear fascia. The system was designed to provide a sound similar to the original Thunderbird.

Touring Car Ride — is created via Thunderbird's smooth, quiet powertrain, rear-wheel drive, higher final drive ratio, added bracing and four-wheel independent SLA suspension.

Thunderbird's V-8 Engine

3.9L 32V DOHC All-Aluminum V-8 Engine

- Delivers 280 horsepower at 6000 rpm and 286 lb.-ft. of torque at 4000 rpm
- Includes variable cam timing and electronic throttle control for excellent engine performance, power, torque and fuel economy
- Combines high value for the touring vehicle customer with uncompromised noise, vibration and harshness (NVH) characteristics
- Designed as an integrated unit with the transmission to provide additional powertrain stiffness and to help reduce harmonic vibration
- 2005 Thunderbird models meet federal Tier 2 Bin 8 emissions standards and ULEV emissions standards to which they are certified for sale in CA, MA, ME, VT and NY



Specific Engine Features

- Features 4 valves per cylinder for better performance at high rpm
- Variable cam timing offers improved efficiency and performance
- Electronic throttle control is part of the electronic engine management system that uses sensors to monitor and maintain engine response to various conditions
- Is designed with coil-on-plug ignition for more reliable individual spark delivery and more consistent starts, even in cold weather
- Uses platinum-tipped spark plugs that allow a 100,000-mile scheduled tune-up interval (under normal driving conditions with regular fluid and filter changes)
- Features "fail-safe" engine cooling capability that allows emergency driving for short distances (depending on ambient temperature, road conditions and vehicle load) after engine coolant loss
- Features an environmentally responsible Electronic Returnless Fuel System that uses a high-pressure pump to deliver fuel to the injectors, depending on demand

This page is about:

- Rear-wheel Drive
- Standard 5-speed Automatic Transmission
- Lightweight Components
- Variable-assist Power Rack-and-pinion Steering
- Two-piece Driveshaft
- Optional SelectShift™ Automatic Transmission

2005 Thunderbird

Performance/Handling

Performance Factors

Rear-wheel Drive

- Configuration preferred by sports car driving enthusiasts
- Provides excellent handling characteristics and balanced performance
- Spreads out tire loads from steering and acceleration among all four tires (not divided between just the two in front), providing better steering and handling
- Eliminates torque steer — the unwanted imbalance of driving force between the front wheels of a front-wheel-drive vehicle that causes the vehicle to pull to the left or right under heavy acceleration

Standard 5-speed Automatic Transmission

- With Adaptive Shift Control, the transmission “learns” how the vehicle is being driven and adapts to different driving styles to help maintain the same shift quality over the life of the vehicle
- Overdrive reduces engine rpm at highway speeds for fuel efficiency and quiet operation
- A quiet gearset is used to minimize first- and second-gear whine, and a 3.58:1 final drive ratio gives better performance feel

Lightweight Components

- Help provide excellent front-to-rear vehicle balance, which contributes to agility, stable handling, improved traction and confident braking. Include:
 - The use of Sheet Molding Compound (SMC) body panels and thermal polyolefin fascias help reduce overall vehicle weight
 - Lighter-weight brakes and aluminum suspension components
 - The aluminum engine and aluminum components in the transmission also contribute to reduced weight

Contributing Factors

Variable-assist Power Rack-and-pinion Steering

- Provides a tight turning circle with fewer turns lock-to-lock (extreme left to extreme right), while helping ensure maximum control at touring speed
- Speed-sensitive variable-assist power steering provides a more sporty feel of the road and added assist during low-speed maneuvers

Two-piece Driveshaft

- Provides additional ride smoothness and the comfort of high-speed driveline stability
- Rubber-mounted center bearing for the driveshaft helps minimize driveline vibration
- Flex couplings to the transmission and rear axle also help reduce vibration felt in the passenger compartment

Optional SelectShift™ Automatic Transmission

Gives customers the choice of fully automatic shifting along with manual up-and-down shifts, with the dual-gate console gearshift, providing the control of a manual with the convenience of an automatic.

Here are the specific features SelectShift offers your customers:

- To protect against damaging shift scenarios, the powertrain’s computer will automatically check to see if the vehicle’s wheel speed, engine speed and accelerator angle are within acceptable limits prior to executing the shift
- SelectShift will not automatically upshift for a driver as rpm increases. Instead, the vehicle’s computer will prevent the vehicle from exceeding redline
- The system features second- and third-gear start-up capability for slippery surface conditions
- Drivers can safely shift between SelectShift and full automatic mode at any speed



2005 Thunderbird

Performance/Handling

PERFORMANCE/HANDLING

This page is about:

Short- and Long-Arm (SLA) Suspension

Front Suspension

Rear Suspension

Suspension Systems

Short- and Long-Arm (SLA) Suspension

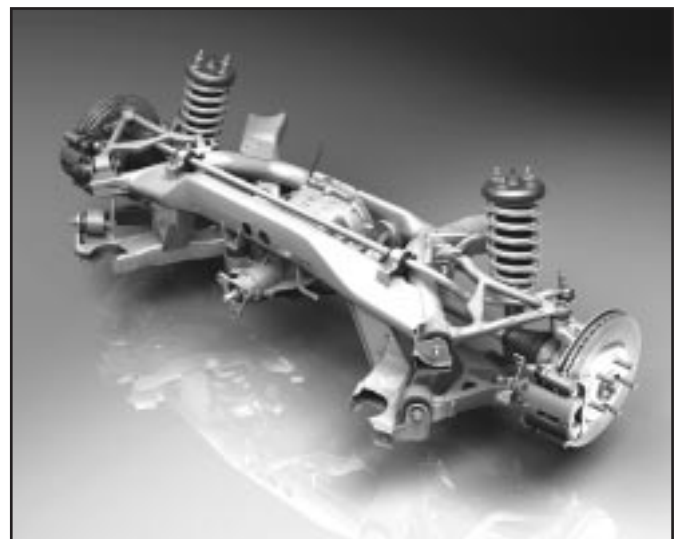
- Four-wheel independent SLA front and rear suspension with gas shock absorbers, aluminum control arms and aluminum knuckles to reduce unsprung weight, and front and rear stabilizer bars to provide excellent ride and handling quality
- Stabilizer bars/tubes help add steering precision
- Unique to Thunderbird, the stabilizer bars have molded-in flat sections on the bar and bushing that fit together like a jigsaw puzzle. The closer-fitting sections result in quicker response to steering adjustments

Front Suspension

- This system is a Short- and Long-Arm (SLA) design with a long spindle and coil-over-shock absorbers attached to the lower control arms. The coil spring is a dual taper design
- It's designed with an aggressive camber curve throughout the suspension travel, which enhances tire/road contact and alignment for maximum traction
- Extensive use of aluminum in the front suspension results in low unsprung weight for outstanding ride and handling characteristics

Rear Suspension

- The rear suspension is a Short- and Long-Arm (SLA) design with high anti-lift properties under braking. It features dual taper coil springs in a coil-over-shock-absorber design and a solid steel rear stabilizer bar
- It's built with a fully double-isolated rear subframe for outstanding harshness control. The suspension is isolated from the subframe, and the subframe is isolated from the body
- High (11.5 percent) anti-lift geometry helps promote rear-end squat under braking. Both ends of the vehicle move toward the road under braking, which greatly improves the customer's braking confidence
- The SLA suspension is designed so that the front end does not "nose dive" under hard braking and also helps prevent the rear of the vehicle from "squatting" during acceleration, providing a confident driving experience



2005 Thunderbird

Design/Styling

Legendary Styling Cues

Every year since its introduction, Thunderbird has offered unique exterior colors and a unique interior color scheme for one model year only. Taking this extra effort helps make Thunderbird more collectible.

Unique exterior fashion colors for 2005 are:

- Bronze (BR)
- Medium Steel Blue (SB)

The unique optional interior for 2005 is Medium Steel Blue Partial Interior Color Accent Package.

In addition, special limited-edition vehicles have been introduced each model year to add to Thunderbird's collectability, such as the 2002 Neiman Marcus Edition, the 2003 James Bond 007 Edition and the 2004 Pacific Coast Roadster. The 2005 limited-edition Thunderbird is the 50th Anniversary Limited Edition.

The design and styling features of the 2005 Thunderbird (below) reflect many of the cues from the original classic.



- Famous chrome "egg crate" grille design
- Distinctive hood scoop (nonfunctional)
- Attractive lamp treatments
- Thunderbird "long-wing" bird logo and script



- "Reverse wedge" body shape
- Wraparound windshield
- Large chromed A-pillar and header molding
- Optional removable top
- Portholes in removable top
- Front fender chrome V-8 badging
- "50th Anniversary" badges in front fender chevrons



- Aluminum appliqué trim
- Interior tuck-and-roll accents
- "Bird's wing" door panel design
- True two-seat roadster design

2005 Thunderbird

Design/Styling

DESIGN/STYLING

This page is about:

Exterior Design

Interior Design

Colors

The Thunderbird Look

- Thunderbird is an open-body, two-seat convertible with a sensually designed exterior and interior. **Rocker panels** are curved sharply under to conceal steel rocker reinforcements, improve strength and rigidity and extend outside the bottom edge of the door panel to protect against stone pecking
- Thunderbird designers made good use of composite materials in its construction. **Sheet Molded Compound (SMC)** is used for hood, front fenders, decklid and upper back finish panel, while thermal polyolefin is used for the front and rear fascias. These materials reduce vehicle weight, provide strength and flexibility and protect against corrosion
- The **front fascia** can be equipped with **supplemental parking lamps**, a no-cost option. They dramatically improve the look of the front fascia. When parking lamps are not ordered, lamp modules are finished in body-color closeout panels. Fascias meet 5-mph impact standards
- **The solar-tinted windshield**, framed by a chromed A-pillar and header, includes an imbedded antenna and wraps around more than any Ford windshield in nearly 30 years. Its angle of 64 degrees decreases top-down turbulence and provides a look of strength, solidity and safety
- **Dual round headlamps** with integral parking lamps and turn indicators under a clear crystal lens are conventional in function but feature a "frenched" styling shelf underneath. **"Afterburner" taillamps** that echo the frenched shelf design are a throwback to 1960s Thunderbird design
- **Interior design** features two-tone interior trim and colors: Black Ink, Torch Red, Medium Steel Blue and Light Sand⁽¹⁾ (see pg. 19 for more information)
- **Attractive exterior colors** include Bronze, Medium Steel Blue (both are new, only available for 2005 and are limited edition colors), Evening Black, Torch Red and Platinum Silver. The soft top comes in Midnight Black, Light Sand with the Light Sand Appearance Package or Medium Steel Blue with the Medium Steel Blue Partial Interior Color Accent Package. The removable top matches exterior colors or comes in Performance White or Evening Black. Certain hardtop colors can also be mixed and matched with some body colors. See the latest Dealer Ordering Guide or Color and Upholstery Album for available combinations



(1) Requires Interior Color Accent Option Package or Light Sand Appearance Package. For feature availability, refer to the latest Dealer Ordering Guide.

- Convertible Top
- Removable Top

2005 Thunderbird

Design/Styling

Convertible Top/Removable Top

- Thunderbird's power retractable convertible top is designed for easy, secure, "one handle, one button up or down" operation and can be lowered in 12.5 seconds. It's made of three fabric layers mounted on a four-bow frame:
 1. The outer layer is woven cloth, which provides a pleasing appearance.
 2. The middle layer is insulating material that provides a smooth appearance while offering acoustic and thermal insulation.
 3. The inner layer is a black cloth headliner.
- The convertible top is a woven acrylic fiber with an elastomer inner layer and polyester cotton blend backing material. The seams are single-stitched with acrylic thread. The material resists shrinkage and helps reduce sagging over time. It's offered in a standard black color
- The convertible top is powered by a single motor driving two hydraulic cylinders
- To help ensure a good seal along the convertible and removable tops, engineers used three-piece sealing. Sealing includes rubber weatherstrips at the header and rear quarter deck and a U-shaped soft rubber channel at the top of the side glass to provide positive water and wind sealing while preventing aerodynamically induced window liftoff at touring speeds. The channel transitions to a frameless glass-over seal at the back edge of the side window. In addition, a mortise-and-tenon-style joint between the power retractable convertible top or the removable top's front corner weatherstrip rubber and the fixed A-pillar rubber provide a more positive seal at this critical corner, reducing potential water leakage and wind noise
- The optional removable top is made of Sheet Molding Compound (SMC) so it's strong, yet lightweight. It meets federal head-impact requirements that normally apply only to vehicles with a permanent roof structure. This was accomplished partly by the use of energy-absorbing foam that was molded inside the removable top's trim
- The removable top also features a moldable foam-backed headliner, which fills spaces between the headliner and the inner top surface. This additional barrier material helps reduce interior noise and allows desired sounds to travel more clearly from back to front
- It is recommended that removal or replacement of the removable top be performed by two people. To ensure convenient and protective storage of the top, Thunderbird comes with a collapsible storage cart and cover
- The Torx tool, used to attach the removable top, comes from the factory and is packaged inside the glove compartment. At vehicle delivery, call it to your customer's attention, explain its purpose and demonstrate its use

- Both the power retractable convertible top and the removable top come equipped with a heated glass rear window. This feature helps clear frost and condensation in inclement weather conditions and ensures better rearward visibility. Once it is turned on, it shuts off after 10 minutes
- Let your customers know that when Thunderbird Premium is ordered with the optional removable top, it still comes equipped with the power retractable convertible soft top
- For head-impact protection in a collision, the removable top meets federal head-impact requirements that normally apply only to vehicles with a permanent roof structure. A secure pin-and-bolt system at the two front attachment points and the two clamps at the rear help prevent the top from separating from the vehicle in an impact

NOTE: For additional convertible top/removable top information, see pg. 12.

Maintenance Tips — Removable Top

Customers who purchased a Thunderbird with a removable top need to install the protective Mylar® tape strips to the vehicle prior to installing the removable top. This needs to be done each time the top is installed. The tape strips are located in the trunk and the instruction card is packaged with the Owner's Guide in the glove compartment.

Tape Removal

To remove the old tape, simply pull it off while the temperature is below 90°F. If you notice adhesive residue on your vehicle, clean the surface with isopropyl alcohol or a very light non-abrasive soap.

Applying New Tape

Don't worry about positioning the tape perfectly on your first attempt; the tape won't bond completely until it has been placed for more than 24 hours. Only use the tape that has been approved by Ford for use on painted surfaces. Before applying new tape, make sure the surface of your vehicle is clean and dry. The temperature of the body surface should not be lower than 65°F or higher than 90°F.

- Retract the convertible top to the open position
- Start with the driver-side piece and remove backing paper, spraying the sticky side with the gliding solution as it is exposed. This stops the film from folding and sticking to itself before you lay it on the car
- Spray the driver's section of the vehicle liberally with the gliding solution
- Lay the piece onto the car, getting as close to position as possible. You should be able to glide it into position
- Use the foam pad on the bottom of the spray bottle to help squeeze out bubbles
- After the film has set for more than 10 minutes, do not try to move
- Repeat the process with the passenger-side piece
- Complete installation with the left and right rear pieces

Interior

- Thunderbird's instrument panel is black with optional bright accent colors. Three newly styled brushed aluminum appliques run along the middle of the instrument panel to the left and right of the steering column. Major features include:
 - Two air conditioning vent registers
 - Audio and climate controls
 - Cigarette lighter
 - Convertible top control switch
 - Ignition-keyed passenger front and side airbag deactivation switch
 - "Airbag Deactivated" warning light
 - Power point
- When it comes to interior colors, Black is standard with four optional interiors available:
 - **Light Sand Appearance Package (68F).** (Not available on Thunderbird Deluxe.) Includes Light Sand color applied to convertible top, optional soft boot, full seats, steering wheel, gearshift knob and floor mat edging; bronze metallic-tinted appliques on instrument panel, center stack, gearshift bezel and scuff plates; cream color applied to instrument cluster gauges (not available with Black Accent Option Package or Interior Color Accent Option Packages). Available with Torch Red, Merlot, Platinum Silver and Evening Black exterior colors
 - **Black Accent Option Package (68B).** Includes high-gloss black accent applied to the top portion of the steering wheel and gearshift knob
 - **Full Interior Color Accent Option Package (68C).** (Not available on Thunderbird Deluxe.) Color is applied to seat insert, top of steering wheel and gearshift knob, lower instrument panel, lower console and door trim insert. Available in Torch Red color only
 - **Partial Interior Color Accent Option Package (68D).** (Not available on Thunderbird Deluxe.) Color applied to seat inserts, top of steering wheel and gearshift knob. Medium Steel Blue includes matching Medium Steel Blue cloth convertible top. Available in Torch Red and Medium Steel Blue
- The analog instrument cluster features oversized analog instruments with big dials and simple graphics that can be read at a glance. Dials have turquoise pointers with faces that are white with black numerals and graphics. Instrumentation includes:
 - Speedometer
 - Tachometer
 - Trip odometer
 - Fuel gauge
 - Coolant temperature gauge
 - Warning and function lights
- A 15-inch leather-wrapped steering wheel provides a sporty, yet luxurious touch. It features a long-wing Thunderbird bright metal embossed applique attached to the top center of the horn pad. Perforated leather covers the upper portion of the wheel rim between the 10 o'clock and 2 o'clock positions; smooth leather covers the lower portion. Fingertip speed control and supplemental audio system controls allow the driver eyes-on-the-road convenience
- Door panels feature molded-in horizontal flutes or rolls
- Door panels have the look of a bird's wing, adding to the unique design of Thunderbird
- The center stack, center vents and the two outboard instrument panel vents are finished in a charcoal metallic color
- The curved rear compartment finishing panel features a molded-in horizontal tuck-and-roll pattern with a bright turquoise blue, long-wing Thunderbird applique, and a speaker grille on either side near the quarter rear trim panel

This page is about:

- Power Retractable Convertible Top
- Optional Removable Top
- Dual Automatic Temperature Control
- “Short-drop” Window Glass

2005 Thunderbird

Comfort/Convenience

While its unique design and styling may initially grab the attention of the potential Thunderbird buyer, it's the comfort and convenience features that really help close the sale. Does it have the features that make an extended road trip seem like a quick run to the store? Does it have the HVAC technology to keep both occupants comfortable in all types of weather? Do the interior surfaces and features maintain the vehicle's theme of casual elegance? With Thunderbird, the answers are yes, yes and yes.

Power Retractable Convertible Top

- A rocker-type convertible top switch is located on the bottom of the instrument panel center stack. Press the top of the button to raise the soft top. Press the bottom of the button to lower the top
- Made of three fabric layers mounted on a four-bow frame, it's powered by a single motor driving two hydraulic cylinders
- A release button-activated single center handle operates two J-hooks at the front corners to latch to the header. The J-hooks clamp into the A-pillar top corner castings. Two locating pins that also fit into the corner castings provide top-to-header alignment. The black handle with textured release button is ergonomically designed for ease of use
- An optional soft, foldable three-layer vinyl top boot is attached with snaps to the back of the quarter trim panel

Optional Removable Top (Premium only)

- Gives Thunderbird a stately appearance, reminiscent of the 1956–57 model. It is lightweight (approximately 83.5 lbs.) so that two people can remove or install it
- Connects to the header with two Torx head bolts for the top front attachments and secures at the back lower corners with latches on each side
- Glass porthole windows are framed with single-piece beveled chrome trim rings. They also help provide additional rearward visibility
- Features a heated glass rear window

Advanced Features

- Three standard accessories come with the top for convenient storage:
 - A fitted top cover of perforated, breathable, water-resistant fabric
 - A wheeled storage cart shaped from steel tubing with foam cushioning pads and a webbed retention strap
 - A Torx driver tool to secure the top
- To remove the top:
 - a. Using the Torx tool loosen the two screws at the front of the top.
 - b. At the back, undo the two hand-operated locking levers (one on each side) located at the lower corners of the top B-pillars. Latches swivel about 90 degrees.
 - c. Position a person at each side of the vehicle, lift the top and walk the top clear of the vehicle. Position the top on the storage cart and cover.⁽¹⁾

NOTE: See pg. 10 for additional removable top information.

Dual Automatic Temperature Control

- Allows different temperature settings for the driver and front passenger (up to a 20-degree difference)
- Automatically adjusts hot and cold outputs to maintain preset temperatures
- Features dual sunload sensors that read sunload differences between the driver's and passenger's sides of the vehicle for better control of the dual-zone system
- Provides side window demisters to improve visibility of sideview mirrors
- Incorporates control panel outside temperature display
- Allows constant airflow from the outboard instrument panel registers, even in the defrost and heat modes. This helps clear the side windows and allows slightly cooler air in the upper portion of the passenger compartment
- To operate the system:
 - To turn on, press Auto, any of the override controls, the fan speed control or either of the temperature selection controls

- To equalize the temperature throughout the vehicle, press and hold the Auto control for about two seconds
- To select a separate temperature for the driver's side or the passenger's side of the vehicle, select any temperature between 18°C (65°F) and 29°C (85°F) by pressing the temperature control on the driver's or passenger's side of the system
- To turn the system off, press Off⁽²⁾

“Short-drop” Window Glass

- Glass automatically retracts a specific amount when the door is opened or the convertible top is raised or lowered. This allows the glass to clear the U-channel rubber weatherstrip at the top edge of the side window
- This helps reduce NVH, provides positive water and wind sealing and prevents aerodynamically induced window liftoff at touring speeds
- Automatic closure of the window into the seal provides excellent protection from weather and wind noise intrusion
- It reduces door opening and closing efforts. The window automatically rises into the U-channel when the door is closed
- Though windows will have been calibrated before vehicle delivery, it is possible for the windows to lose calibration. If this occurs, the “short-drop” feature will lower the window but will not raise it again when the door is closed. To recalibrate the window, press the Up switch to raise the window until it completes its travel and hold the switch down for 2 seconds. Another possible effect of lost calibration is that the feature may not lower the window. To recalibrate the window in this case, lower the window until it completes its travel and hold down the switch for 2 seconds. Immediately after releasing the window Down switch, press the Up switch to raise the window until it completes its travel and hold the switch down for 2 seconds

(1) For complete operating instructions, refer to the 2005 Thunderbird Owner's Guide and demonstration CD in the glove compartment.

(2) For complete operating instructions, refer to the 2005 Thunderbird Owner's Guide.

2005 Thunderbird

Comfort/Convenience

COMFORT/CONVENIENCE

This page is about:

Sirius™ Satellite Radio Capable	—
Seating	—
Features	—

Features That Make Thunderbird Special

Sirius™ Satellite Radio Capable — the Audiophile AM/FM stereo/6-disc in-dash CD player now comes satellite radio ready. After simple installation of an antenna, wiring harness and downlink processor right at the dealership or Visteon installer, customers can subscribe to and hear broadcasts of up to 100 satellite radio channels — including 60 that are commercial-free. Mobile, digital, coast-to-coast audio reception...now **that's** entertainment (see pg. 18 for more information)

Premium Leather Seating Surfaces — newly styled tuck-and-roll seat inserts are perforated leather. This design provides cooler seating and a relaxed, sporty appearance

Power Heated Driver's and Passenger's Seats — the 6-way power driver's seat features heat, manual lumbar adjustment, manual recline and tilt-forward features. The 2-way power passenger's seat also has heat, manual recline and tilt-forward features. Seats offer 8.7 inches of seat track travel. Power seat controls are located on the lower outboard side of the seat cushion

Center Console — features two front cup holders with a drop-in ashtray, CD storage and a leather-wrapped armrest. The console-mounted gearshift lever has a black leather-covered gearshift knob

Rear Storage Shelf — is carpeted in black and is located behind the seats. Convenient for storing briefcases, grocery bags, umbrellas, newspapers and other items

Power Windows — feature fingertip switches, an accessory delay feature and the one-touch-down feature — a great convenience for drive-up ATMs or fast-food pickup windows

Dual Exterior Power Mirrors — allow easy fingertip adjustment at the touch of a button

Power Tilt/Telescoping Steering Column — allows the driver to adjust the steering column up and down, as well as fore and aft. (Most steering columns only adjust up and down.) The telescoping feature on the Thunderbird steering column allows drivers to adjust the vehicle to fit them for maximum driving comfort

Power Door Locks — allow the driver or front passenger to conveniently lock and unlock both doors from inside the vehicle without having to reach across the front seat. Illuminated fingertip switches are located on the door trim panel armrests

Smart Locks — help prevent the driver from locking the doors while the key is in the ignition. If an attempt is made to lock either door with an interior lock switch when that door is ajar and the key is in the ignition, the doors will immediately unlock

Power Decklid Release — provides convenient operation with a button on the driver's door trim panel. It can also be activated with the Trunk button on the remote entry key fob

Remote Keyless Entry System — two convenient remote key fob transmitters can be used to lock and unlock the doors from up to 33 feet away. The system also offers a Panic button for added personal security

Luggage Compartment — is fully lined and has a low liftover height. Thunderbird provides 6.9 cubic feet of luggage capacity — enough to accommodate two sets of golf clubs. Separate access to the spare tire and the rear-mounted battery is provided through the carpeting

Electronic Speed Control — helps maintain a constant vehicle speed across varying terrain. Your customers will appreciate how this feature optimizes fuel economy and helps reduce foot and leg fatigue on long trips. Steering-wheel-mounted controls allow for eyes-on-the-road adjustment

Speed Control — allows drivers to reset their speed without having to step on the brake. Show your customers how to use the On and Off buttons to activate and deactivate the system. Press SET to set a speed. Press SET again to increase the speed in 1-mph increments. Press COAST to lower the set speed in 1-mph increments. Press RES (resume) to return to the previously set speed

Audio System — Thunderbird offers your customers a premium AM/FM stereo with clock, 6-disc in-dash CD player and Audiophile Sound System with Sirius™ satellite radio capability to enhance their driving experience (see Audio section on pg. 18)

Steering-wheel-mounted Audio Controls — Thunderbird features audio control buttons in the right lower quadrant of the steering wheel. These controls allow the drivers to control the audio system without having to take their hands off the steering wheel. Controls include:

- **Media** — to select between AM, FM1, FM2 or CD
- **Up and down arrows** — used to select preset radio stations or to select next music track on a CD
- **Volume** — controls the volume of the audio system
- **Mute** — used to mute the audio system

This page is about:

- Structural Safety
- Personal Safety
- Expanding on Safety Belts

2005 Thunderbird

Safety/Security

Leading-edge Protection

Though much has been said about Thunderbird's connection with its 1950s contemporaries, the auto-buying public now places more importance on safety and security technology. The new Thunderbird takes advantage of the many advances made in these areas.

These upgrades help ensure that owners and passengers are able to enjoy the new Thunderbird driving experience for a long time.

Structural Features

Feature	Benefit
Double Rail/Double Torque Box Design	The lower body structure of Thunderbird has a double rail/double torque box design, which enhances the body's rigidity and performance in an impact.
Side Door Intrusion Beams	Add stability, absorb energy and help protect passengers from intrusions into the passenger compartment in certain side-impact collisions.
Two-piece Driveshaft	In addition to its performance benefits, the tubular front section is designed to collapse into the rear section on impact — like a telescope — reducing the possibility of intrusion into the passenger compartment.
Vehicle Crossmembers	Several strategically placed crossmembers provide vehicle rigidity and passenger protection.

Second Generation Driver and Passenger Airbag Supplemental Restraint System (SRS) — is used with lap/shoulder safety belts to help protect occupants in certain moderate-to-severe frontal or near-frontal collisions

Side-impact Head/Chest Airbags — enhance protection for both the head and chest of the driver and passenger. They inflate from the seatback side bolsters so no matter how the seat is placed, they're always in the proper position. Thunderbird is the first Ford convertible with this feature

Passenger Airbag Deactivation Switch — allows the passenger-side front and side airbags to be turned off when using a rear-facing child safety seat. An LED indicator light signals that the airbags are deactivated

NOTE: Emphasize to customers the importance of deactivating the airbag whenever they place a rear-facing child safety seat or a small child in the passenger's seat. When properly deactivated, the switch is turned to Off and the Off light is illuminated. The Front Passenger Airbag SRS should be activated in all other situations.

Removable Top — for head protection in a collision, this removable top meets federal head-impact requirements that normally apply only to vehicles with a permanent roof structure. A secure pin-and-bolt system at the two front attachment points and the two clamps at the rear prevent the top from separating from the vehicle in an impact (see pg. 10 for more information)

Lower Body Protection — lower legs are protected by added foam padding where the heels rest on the floor. The driver's side left footrest has been shallowed out to help prevent damage to the foot in a vehicle impact

Expanding the Story

Feature	Benefit
Belt-Minder™ System	Chimes and flashes the safety belt warning light reminding driver and passengers to fasten their safety belts.
Safety Belt Pretensioners	Cause the safety belt to tighten to hold the safety belt firmly against the occupant.
Standard LATCH Child Safety Seat System (Lower Anchors and Tethers for CHildren)	Helps to properly secure a forward-facing child safety seat. Eliminates the need to use vehicle safety belts when installing a LATCH-compatible child safety seat. Thunderbird also includes a switch to deactivate the passenger-side front and side airbags when securing a child safety seat. Tether straps are usually supplied with child safety seats made after 9/1/2001; tether straps are not a vehicle feature. If straps are not supplied with the child safety seat, the manufacturer should be contacted.

2005 Thunderbird

Safety/Security

SAFETY/SECURITY

This page is about:

- Safety and Security Features
- All-Speed Traction Control
- Anti-lock Braking System (ABS)
- Electronic Brake Force Distribution (EBD)

Thunderbird and Peace of Mind

Autolocking — automatically locks both doors (if they are both closed) when the ignition switch is in the RUN position and the gearshift lever is moved out of Park or Neutral. This feature is on/off programmable

Emergency Trunk Release Handle — provides a means of escape in case anyone becomes accidentally locked in the trunk. The T-shaped handle glows in the dark so it's easy to locate

Battery Saver Feature — reduces the likelihood of draining the battery from a door left ajar or headlamps left on. The system automatically turns off the parking lamps, low beams, high beams and supplemental parking lamps if they are left on 10 minutes after the driver exits the vehicle

Automatic Headlamp On/Off Feature — automatically turns on parking lamps, low-beam headlamps and supplemental parking lamps, based on exterior ambient light conditions. When the ignition key is turned to the OFF position, the delayed exit feature automatically turns off all lamps switched on by the autolamp feature

Illuminated Entry System — provides welcome nighttime security. It turns on the interior lights when either door handle is lifted or when the Unlock button is pressed on the Remote Keyless Entry System. This feature also turns on exterior lamps under low light conditions if the headlamp switch is in the autolamp position

SecuriLock® Passive Anti-theft System — uses an electronically coded ignition key with billions of possible codes to start the vehicle. The system is designed to help prevent the engine from being started unless a coded key programmed to the vehicle is used. SecuriLock is automatically armed when the ignition is turned off and is disarmed when the correct key is inserted into the ignition and the ignition is turned on

NOTE: This feature is not compatible with non Ford aftermarket remote start systems.

Perimeter Anti-theft System — when the vehicle is locked, the perimeter anti-theft system monitors the doors, hood and decklid against unauthorized entry. This standard feature gives customers the added protection against theft of items inside their vehicle, as well as the vehicle itself. An LED indicator signals that the system is armed

Seatback Design — a unique design where the seatbacks move forward when pushed or pulled while Thunderbird is parked. In the event of a sudden stop, an inertia lock inside the seats is designed to prevent the seatback from moving forward

Fuel Pump Inertia Shutoff Switch — automatically shuts off the fuel being pumped to the engine in the event of a collision. This helps reduce the risk of fire by minimizing fuel spillage during and after a crash. The reset switch is located in the driver's footwell behind the kick panel. The reset button is accessible through an opening in the kick panel

Complex Reflector Halogen with Dual Parabola Headlamps

— emit a bright, white beam for excellent nighttime visibility. The composite design helps resist stone damage



Thunderbird

Performance also Means Control

All-Speed Traction Control

This standard feature uses components of the Anti-lock Braking System (ABS) to monitor wheel slippage at any speed. The system improves traction on slippery or loose driving surfaces by using a combination of brake and/or engine control:

- Braking at one or both drive wheels
- Fuel injection cutoff
- Ignition spark retard
- Air/fuel ratio adjustment

Anti-lock Braking System (ABS)

In addition to its effective and responsive four-wheel ventilated disc brakes, Thunderbird is also equipped with a four-channel, four-wheel Anti-lock Braking System (ABS).

- A four-channel system provides more accurate control because all four wheels can be controlled independently of each other
- The ABS uses electronic components to sense impending wheel lockup, then responds by pumping the brakes several times per second
- This system helps drivers maintain steering control in an emergency or in other hard-braking situations such as in inclement weather conditions

Electronic Brake Force Distribution (EBD)

Instead of a conventional front/rear brake proportioning valve, the Thunderbird braking system also uses its ABS sensors to provide Electronic Brake Force Distribution (EBD).

- When the sensors detect impending lockup at the rear wheels, the EBD system sends the optimum amount of braking pressure to the rear brakes
- This enables all four tires to give the maximum amount of braking they are capable of generating under a variety of loads

2005 Thunderbird

Quality/Reliability/Durability

This page is about:

- Multiplexed Electrical System
- Fail-safe Cooling System
- 100,000-mile Scheduled Tune-up Interval
- New Vehicle Limited Warranty
- Roadside Assistance

Making Ownership a Pleasure

The 2005 Thunderbird must satisfy extremely high levels of quality, reliability and craftsmanship. Because Ford knew Thunderbird customers had the highest levels and expectations, designers benchmarked competitive vehicles including Porsche Boxster, BMW Z3 and Mercedes-Benz SLK. Thunderbird was designed and built to represent the entire Ford lineup. It is an icon, a collectible vehicle designed to be driven, yet savored and appreciated for many years to come.

Multiplexed Electrical System

- It is more reliable because it reduces the number of separate wires from approximately 500 in a typical non-multiplex application to approximately 250
- It also reduces the number of circuits, connectors and ground paths
- It allows many switches to be low current with lower gauge low-current wiring because they carry information, not functional power loads. This reduces heat buildup in the switch, improving long-life reliability and durability

Fail-safe Cooling System

- Helps protect the engine from potential damage due to a loss of coolant
- When coolant loss occurs, it automatically switches from 8-cylinder operation to alternating 4-cylinder operation. The vehicle will continue to operate, but with limited engine power
- This system allows the driver to travel a short distance to obtain service or to reach a service facility if the engine overheats. The distance that can be traveled depends upon vehicle load, outside temperature and road conditions

100,000-mile Scheduled Tune-up Interval

- Due in part to platinum-tipped spark plugs, regularly scheduled tune-ups need to be performed at only 100,000-mile intervals, under normal driving conditions with regular fluid and filter changes
- Because of their construction, these spark plugs last longer than conventional nickel spark plugs for added convenience and reduced service requirements. This results in fewer hassles for customers and lower maintenance costs

New Vehicle Limited Warranty

For your customers' peace of mind, Thunderbird is covered by the New Vehicle Limited Warranty. This provides:

- 3-year/36,000-mile bumper-to-bumper coverage; no deductible
- 5-year/unlimited-mileage Corrosion Perforation coverage

Roadside Assistance

Your customers never have to feel stranded on the road with Ford Roadside Assistance. The coverage lasts during the entire 3-year/36,000-mile bumper-to-bumper warranty period and is available 24 hours a day, every day of the year. Benefits include:

- **1-800-241-FORD (3673)** — This toll-free number is staffed by Ford Customer Service representatives and is operational 24 hours a day, every day of the year to accommodate owner needs
- **Personal Safety** — When customers call the toll-free Roadside Assistance number, Ford Customer Service representatives will always ask the customer if he or she feels safe. If the customer does not feel safe, local authorities will be contacted immediately
- **Roadside Services** — Ford Customer Service representatives will dispatch a tow truck to an owner's location if the owner should require any of the following services:
 - Changing a flat tire
 - Jump-starting a dead battery
 - Lockout service
 - Fuel delivery
 - Emergency towing for warranty and non-warranty-related events to the nearest Ford Motor Company dealership

2005 Thunderbird

Quality/Reliability/Durability

QUALITY/RELIABILITY/DURABILITY

This page is about:

Vehicle Testing

Craftsmanship

Tested for Real Life

Key Life Testing

- This was used throughout the development of Thunderbird to test vehicle systems in ways that duplicate real customer usage in real-world environments
- It leads to a higher level of confidence in the quality, reliability and durability of the systems being tested
- In the hands of customers, systems and components may experience multiple stresses and different operations than those for which they were designed
- Thunderbird features that required Key Life Tests include the "short-drop" window glass, the retractable convertible soft top and the removable top

Lommel Lane Change

- Thunderbird vehicle dynamics underwent a number of development trials and analyses, including the Lommel Lane Change (named after a Belgian proving ground). This test simulates an accident-avoidance maneuver consisting of pulling out of the lane being traveled, and then cutting back into the lane before the vehicle has stabilized from the first lane change
- This kind of testing helped engineers assure that Thunderbird is agile and secure under many kinds of driving conditions

Craftsmanship

By benchmarking specific competitive vehicles, including BMW Z3, Porsche Boxster, Mercedes SLK and Lexus SC430, engineers set exceptionally high quality, reliability and craftsmanship goals that customers and collectors will appreciate.

Computer-aided Design, Computer-aided Engineering, Computer-aided Manufacturing and Product Information Management (C3P)

- C3P improves vehicle quality by providing more accurate, timely computer images during development while reducing the number of costly prototype vehicles needed for testing
- It was particularly helpful in the study of noise levels in the passenger area and the placement of materials to block unwanted noise
- Thunderbird is the first North American Ford car designed using C3P

Interior

- Particular attention was paid to the details of interior craftsmanship. The color harmony process paid special attention to grain and color matching, as well as the rate of fade, in order to maintain color matching over the life of the vehicle
- All rocker switches and all push buttons are the same, providing customers with the same feel
- The instrument cluster backlighting and other interior control lighting on the center stack and doors is a consistent shade of green

Retractable Convertible Soft Top

- Its materials were chosen to provide outstanding durability and appearance throughout the life of the vehicle
- It meets all Ford external environmental requirements for durability and fade resistance

Removable Top

- The removable top is designed to withstand 300 install/remove cycles. Since most people will install the roof for the winter, then leave it off for the summer, this level of durability is more than sufficient for typical customer use

Door Hinges

- The door hinges on Thunderbird incorporate a separate door-check mechanism that is not part of the hinge. This helps reduce squeaks during door opening and closing
- Because of the robust hinge and body structure, the Thunderbird door drops only 1 mm or less when it is opened. This extremely low door sag helps assure an easy-closing door, requiring less effort
- It also helps improve long-term door latch alignment and durability

This page is about:

- Audiophile AM/FM Stereo/6-disc In-dash CD Player
- Sirius™ Satellite Radio Capable

2005 Thunderbird

Audio⁽¹⁾

Easy Listening

Audiophile AM/FM Stereo/6-disc In-dash CD Player



- Sirius™ satellite radio capable
- Steering-wheel-mounted switches control volume, mode, next preset channel, or track and mute
- 6-disc in-dash CD player
- 180 watts (RMS)
- Two subwoofer speakers
- Two 2-way Audiophile speakers
- Four midrange/tweeters
- In-glass radio antenna
- Speed-compensated volume control
- Digital Signal Processing (DSP), which allows audio effects simulation of hall, stadium, jazz club, church and news
- Radio Data System (RDS) — when selected, allows radio station call letters to appear on radio display (only for FM radio stations supporting RDS capability)
- Random shuffle on all discs or just one disc
- 180-watt system which includes a 90-watt subwoofer assembly

Total of 8 speakers:

- Two 2-way door speakers
- Two center imaging speakers
- Two 2.5" rear finishing panel speakers
- Two bass speakers in subwoofer enclosure behind rear finishing panel

- Equalization selector allows optimized spatialization settings for: 1) both seats; 2) top down; 3) driver
- Factory preset equalization
- 6 AM and 12 FM presets (button selects AM, FM1, and FM2)
- Features of the 6-disc in-dash CD player include:
 - Seamless play added (short delay between disc changes)
 - 10-second anti-skip buffer
 - Concert hall mode provides a more natural and realistic sound
- Additional information and complete operating instructions are included in the 2005 Thunderbird Owner's Guide

Sirius™ Satellite Radio Capable

Dealer-installed or through Visteon Distributor Center

- Sirius satellite radio capable with satellite button (SAT) to activate the system, text button (TEXT) to provide information about the artist and song title, and category button (CAT) to scroll through a variety of format types
- Key benefits of Sirius satellite radio include:
 - 100 percent commercial-free music
 - Seamless coverage anywhere in the continental U.S. (system not equipped to operate in Alaska or Hawaii)
 - 60 streams (channels) of original pop, rock, country, hip-hop, R&B, dance, jazz/standards and classical music
 - 40 streams (channels) of sports, news and entertainment programming
 - Unlike conventional radios, DJs talk about the music, not over it
 - Artist and title information keeps customers informed about who they're listening to
- Requires dealer-installed kit also to activate service, which consists of antenna, Down Link Processor (DLP) and wire harness
- Installation of the kit can be done through Visteon distribution centers. Or, dealerships have the option of installing the kits in-house. For more details on installation, please contact Visteon at (800) 367-3333
- More information on the service is available online at www.sirius.com or toll-free at (888) 539-SIRIUS (7474)

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

2005 Thunderbird




Wheels/Seats

WHEELS/SEATS

This page is about:

Wheels —
Seats —

Wheels

Wheel	Convertible	
	Deluxe	Premium
17" Painted Cast Aluminum Wheel 	Standard	—
17" 7-Spoke Chromed Cast Aluminum Wheel 	—	Standard
17" 16-Spoke Micro-Machined Wheel 	—	Optional ⁽¹⁾

— = Not available

(1) No-cost option.

Seats

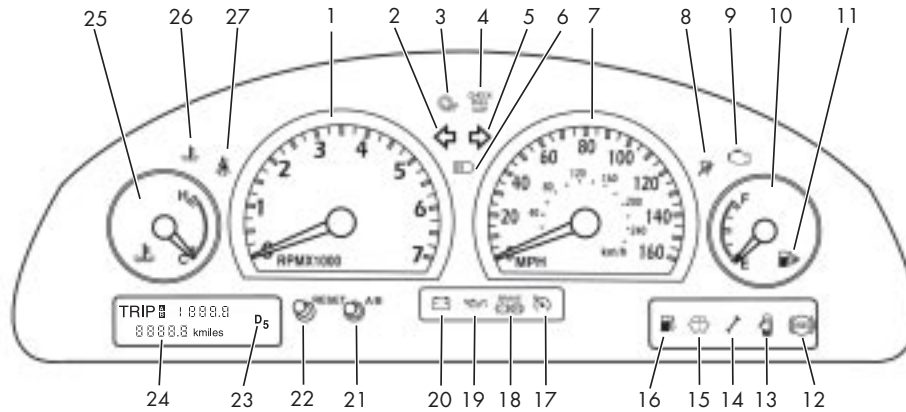
Interior Trim Type and Color Selector NOTE: First character denotes type, second character denotes color.	Interior Trim Colors			
	Black Ink	Torch Red	Medium Steel Blue	Light Sand
Thunderbird Leather-trimmed Bucket Seats	BW			
Thunderbird w/Interior Color Accent Packages (68C, 68F or 68L) Leather-trimmed Bucket Seats		BR	BB	BQ

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.

2005 Thunderbird

Instrument Features

Instrument Cluster



- | | | |
|---|---|---|
| <ul style="list-style-type: none"> 1. Tachometer 2. Left turn signal indicator 3. Traction Control active indicator 4. Loose fuel cap warning light 5. Right turn signal indicator 6. High-beam indicator 7. Speedometer 8. Airbag readiness indicator/warning light 9. Check engine warning light 10. Fuel gauge | <ul style="list-style-type: none"> 11. Fuel filler door indicator 12. Anti-lock Braking System readiness/warning light 13. Door ajar warning light 14. Electronic throttle control indicator (limp home active) 15. Low washer fluid indicator 16. Low fuel warning light 17. Speed control active indicator 18. Brake system warning light/parking brake indicator | <ul style="list-style-type: none"> 19. Low engine oil pressure warning light 20. Charging system warning light 21. Trip A/Trip B display control button 22. Trip odometer reset button 23. Gearshift indicator 24. Odometer 25. Engine coolant temperature gauge 26. Engine coolant temperature warning light 27. Fasten safety belt warning light |
|---|---|---|

2005 Thunderbird

Key Product Specifications⁽¹⁾

KEY PRODUCT SPECIFICATIONS

Model	Convertible
Wheelbase	107.2
Overall Length	186.3
Overall Height	52.7
Overall Width	72.0
Tread Width (Front/Rear)	60.5/60.2
Base Curb Weight (lbs.)	3775/3781 ⁽²⁾

Seating	
Capacity	2
Head Room (Soft Top/Removable Top)	37.2/37.1
Shoulder Room	57.3
Hip Room	53.7
Leg Room	42.7

Passenger/Luggage/Fuel Capacity	
Luggage Compartment (cu. ft.)	6.9 (plus 1.6 behind seat)
Passenger Volume (cu. ft.)	52.6
Total Interior Volume (cu. ft.)	61.1
Liftover Height	30.2
Fuel Tank Capacity (gal.)	18.0

Engine	
Engine Layout	Front engine, rear-wheel drive
Engine Type	3.9L 32V DOHC V-8
Displacement (liters/cu. in.)	3.9L/240
Horsepower @ rpm	280 @ 6000
Torque (lb.-ft. @ rpm)	286 @ 4000
Compression Ratio	10.75:1
Bore and Stroke	3.39 x 3.35
Fuel System	Sequential Multi-port with Electronic Fuel Injection
Fuel Requirement	91 octane (minimum)
Fuel Economy (city/hwy. mpg)	18/24 5-speed automatic
Exhaust System	Dual stainless steel with catalytic converters

Transmission	
Type	5-speed automatic with OD
Axle Ratio	3.58:1

Gear Ratios					
Gears	1st	2nd	3rd	4th	5th
	3.22:1	2.29:1	1.54:1	1.00:1	0.71:1

Chassis Construction	
Type	Unitized body

Front Suspension	
Type	Independent Short- and Long-Arm (SLA) type with a long spindle and coil-over-shock absorbers attached to the lower control arm
Springs	Dual taper design
Shock Absorbers	Twin-tube type with integral rebound springs
Stabilizer Bar/Diameter (in.)	Tubular steel/1.22

Rear Suspension	
Type	Independent Short- and Long-Arm (SLA) type with anti-lift, coil-over-shock absorber design
Springs	Dual taper coil springs
Shock Absorbers	Twin-tube type
Stabilizer Bar/Diameter	Solid steel bar/0.73

Steering	
Type	Power speed-sensitive variable-assist, variable ratio rack-and-pinion
Overall Ratio	17.6:1
Turning Diameter, Curb-to-Curb (ft.)	35.2

Brakes	
Standard	Power four-wheel ventilated disc with four-channel Anti-lock Electronic Proportioning Braking System

Aerodynamics	
Coefficient of Drag (C _d)	.379

Trailer Towing	
Not recommended	

Neutral Towing	
Emergency Towing	It is recommended that Thunderbird be towed with a wheel lift or with flatbed equipment
Recreational Towing	When towing Thunderbird behind another vehicle such as an RV, a wheel lift or a flatbed trailer must be used or the driveshaft must be removed. Thunderbird cannot be flat towed with all four wheels on the ground if the driveshaft is in place

(1) Based on official MVMS Passenger Vehicle Specifications. Dimensions and capacities are in inches unless otherwise specified.

(2) Shown as Convertible Deluxe. Premium — 3780; Premium with optional removable top — 3869.

2005 Thunderbird

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2005 Thunderbird

Genuine Ford Accessories

ACCESSORIES

This page is about:

Introduction

Spotlight Accessories

Introduction

genuine (jen' yoo in) — 1) pure in breed 2) the real deal 3) authentic

Your customers buy Ford cars, trucks and SUVs because our brand gives them value for the money, durability, high quality and innovative features that keep drivers and passengers comfortable and safe. So when it comes to adding accessories to personalize a vehicle, suggest and sell the accessories that give your customers the same benefits ... **Genuine Ford Accessories.**

OE-Fit — Genuine Ford Accessories are designed and tested to meet strict Ford standards for each specific vehicle.

Durable and Dependable — Genuine Ford Accessories are covered by one of the strongest limited warranties in the marketplace and many are even covered under ESP PremiumCare (purchased separately).



fordaccessoriesstore.com

Fiscally Responsible — All Genuine Ford Accessories can be financed with a vehicle purchase and for Red Carpet Leases, many can be residualized.

Help your customers keep their vehicle genuine. And remember, only Ford dealerships can say they sell Genuine Ford Accessories.

Spotlight Accessories



Full Front-end Cover (Base Part No. 19A413)⁽¹⁾

- Heavy-duty vinyl shields vehicle front end from bugs, stones and off-road debris
- Flannel backing minimizes moisture buildup between cover and painted surface
- Multi-piece construction allows hood to be opened without removing cover



Remote Start Systems

(Base Part No. 19G364; 19G365 for Securilock®)

- Enjoy the comfort and convenience of a pre-warmed or pre-cooled vehicle
- System will start vehicle from up to 500 ft. (150m) away and ensure that vehicle is locked with security system armed (if equipped)
- Comes with two remote transmitters
- Two systems to choose from: Remote Start only and Remote Start and Vehicle Security
- Securilock kit (sold separately) required for most installations
- Dealer installation recommended



Electrochromic HomeLink® Mirror (Base Part No. 17700)

- New for 2005!
- Wireless control feature allows activation of home lighting, garage doors, security systems or communication with any radio-frequency-controlled home device from vehicle
- Also available with compass/temperature display or compass only
- Dealer installation recommended

(1) 2004 vehicle shown.

ACCESSORIES

This page is about:

- Available Genuine Ford Accessories
- Contact Information

2005 Thunderbird

Genuine Ford Accessories



2004 vehicle shown.

Thunderbird

The Following Genuine Ford Accessories Are Available for the 2005 Thunderbird:

Chassis

- Wheel Lock

Electrical

- Electrochromic HomeLink®
- Interior Rearview Mirror
- Hands-free Cell Phone
Prep Harness
- Keyless Entry Keypad
- Remote Start System
- Vehicle Security System

Exterior

- Front-end Cover
- Full Vehicle Cover

Interior

- Ashcup
- First Aid Kit
- Floor Mats — All-weather
- Floor Mats — Carpeted
- Highway Safety Kit
- Trunk Cargo Net

Contact Information

It's easy to sell Genuine Ford Accessories when you have the right sales tools, such as catalogs and brochures. To order your catalogs, brochures and merchandising materials, visit the Dealer eStore at FMCDealer.com. All catalogs and brochures are available at no charge, as well as most merchandising materials.

In addition to providing customers with a Genuine Ford Accessories catalog, invite them to visit www.fordaccessoriesstore.com to browse available Genuine Ford Accessories online.

To learn how to better sell Genuine Ford Accessories, ask your Sales Manager or contact your Regional Accessories Specialist (RAS).



fordaccessoriesstore.com