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The following warning may be required by California law:

CALIFORNIA Proposition 65 Warning

WARNING: Engine exhaust, some of its constituents, and certain vehicle components contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. In addition, certain fluids contained in vehicles and certain products of component wear contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

CONGRATULATIONS

Congratulations on acquiring your new Mercury. Please take the time to get well acquainted with your vehicle by reading this handbook. The more you know and understand about your vehicle the greater the safety and pleasure you will derive from driving it.

For more information on Ford Motor Company and its products visit the following website:

- In the United States: www.ford.com
- In Canada: www.ford.ca
- In Mexico: www.ford.com.mx
- In Australia: www.ford.com.au

Additional owner information is given in separate publications.

This Owner's Guide describes every option and model variant available and therefore some of the items covered may not apply to your particular vehicle. Furthermore, due to printing cycles it may describe options before they are generally available.

Remember to pass on the Owner's Guide when reselling the vehicle. It is an integral part of the vehicle.

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Fuel pump shut-off switch In the event of an accident the safety switch will automatically cut off the fuel supply to the engine. The switch can also be activated through sudden vibration (e.g. collision when parking). To reset the switch, refer to the *Fuel pump shut-off switch* in the *Roadside emergencies* chapter.

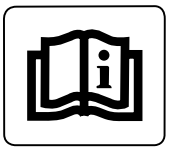
SAFETY AND ENVIRONMENT PROTECTION

Warning symbols in this guide

How can you reduce the risk of personal injury and prevent possible damage to others, your vehicle and its equipment? In this guide, answers to such questions are contained in comments highlighted by the warning triangle symbol. These comments should be read and observed.

Warning symbols on your vehicle

When you see this symbol, it is imperative that you consult the relevant section of this guide before touching or attempting adjustment of any kind.



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Protecting the environment

We must all play our part in protecting the environment. Correct vehicle usage and the authorized disposal of waste cleaning and lubrication materials are significant steps towards this aim. Information in this respect is highlighted in this guide with the tree symbol.

BREAKING-IN YOUR VEHICLE

There are no particular guidelines for breaking-in your vehicle. During the first 1,600 km (1,000 miles) of driving, vary speeds frequently. This is recommended to give the moving parts a chance to break in.

SPECIAL NOTICES

Emission warranty

The New Vehicle Limited Warranty includes Bumper-to-Bumper Coverage, Safety Restraint Coverage, Corrosion Coverage, and 7.3L Power Stroke Diesel Engine Coverage. In addition, your vehicle is eligible for Emissions Defect and Emissions Performance Warranties. For a detailed description of what is covered and what is not covered, refer to the *Warranty Guide* that is provided to you along with your Owner's Guide.

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Special instructions

For your added safety, your vehicle is fitted with sophisticated electronic controls.

By operating other electronic equipment (e.g. mobile telephone without exterior aerial) electromagnetic fields can occur which can cause malfunctions of the vehicle electronics. Therefore you should observe the instructions of the equipment manufacturers.

Please read the section *Air bag* in the *Seating and safety restraints* chapter. Failure to follow the specific warnings and instructions could result in personal injury.

Front seat mounted rear-facing child or infant seats should **NEVER** be used in front of a passenger side air bag.

MIDDLE EAST/NORTH AFRICA VEHICLE SPECIFIC INFORMATION

For your particular global region, your vehicle may be equipped with features and options that are different from the ones that are described in this Owner Guide; therefore, a supplement has been supplied that complements this book. By referring to the pages in the provided supplement, you can properly identify those features, recommendations and specifications that are unique to your vehicle. **Refer to this Owner Guide for all other required information and warnings.**

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Introduction

These are some of the symbols you may see on your vehicle.

Vehicle Symbol Glossary

Safety Alert		See Owner's Guide	
Fasten Safety Belt		Air Bag-Front	
Air Bag-Side		Child Seat	
Child Seat Installation Warning		Child Seat Tether Anchorage	
Brake System		Anti-Lock Brake System	
Brake Fluid - Non-Petroleum Based		Traction Control	
AdvanceTrac		Master Lighting Switch	
Hazard Warning Flasher		Fog Lamps-Front	
Fuse Compartment		Fuel Pump Reset	
Windshield Wash/Wipe		Windshield Defrost/Demist	
Rear Window Defrost/Demist		Power Windows Front/Rear	

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Vehicle Symbol Glossary

Power Window Lockout		Child Safety Door Lock/Unlock	
Interior Luggage Compartment Release Symbol		Panic Alarm	
Engine Oil		Engine Coolant	
Engine Coolant Temperature		Do Not Open When Hot	
Battery		Avoid Smoking, Flames, or Sparks	
Battery Acid		Explosive Gas	
Fan Warning		Power Steering Fluid	
Maintain Correct Fluid Level	MAX MIN	Emission System	
Engine Air Filter		Passenger Compartment Air Filter	
Jack		Check fuel cap	
Low tire warning			

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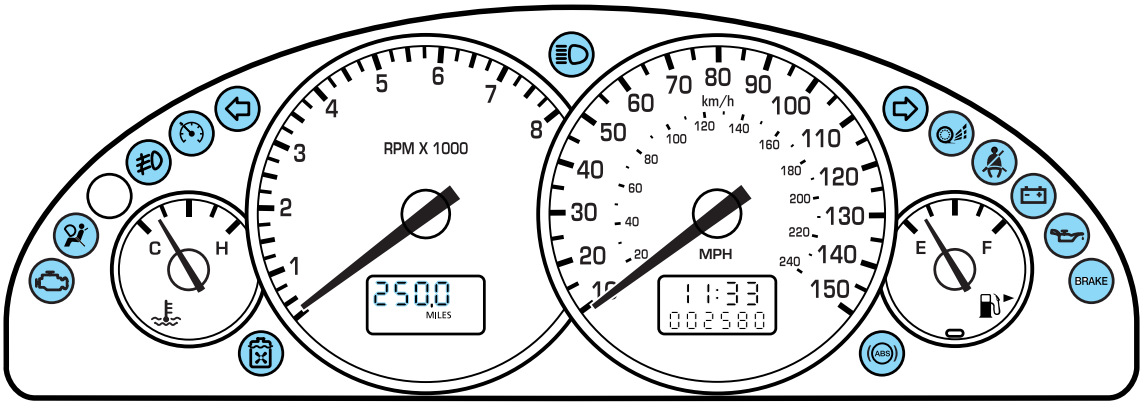
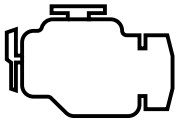
WARNING LIGHTS AND CHIMES



Warning lights and gauges can alert you to a vehicle condition that may become serious enough to cause expensive repairs. A warning light may illuminate when a problem exists with one of your vehicle's functions. Many lights will illuminate when you start your vehicle to make sure the bulb works. **If any light remains on after starting the vehicle, have the respective system inspected immediately.**

Check engine



Illuminates briefly to ensure the system is functional. If it comes on after the engine is started, one of the engine's emission control systems may be malfunctioning. The light may illuminate without a driveability concern being noted and will not require towing.

Light turns on solid:

Temporary malfunctions may cause your light to illuminate. Examples are:

- The vehicle has run out of fuel.
- Poor fuel quality or water in the fuel.
- The fuel cap may not have been properly installed and securely tightened.

These temporary malfunctions can be corrected by filling the fuel tank with high quality fuel of the recommended octane and/or properly installing and securely tightening the fuel cap. After three driving cycles without these or any other temporary malfunctions present, the light should turn off. (A driving cycle consists of a cold engine startup followed by mixed city/highway driving.) No additional vehicle service is required.

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If the light remains on, have your vehicle serviced at the first available opportunity.

Light is blinking:

Engine misfire is occurring which could damage your catalytic converter. You should drive in a moderate fashion (avoid heavy acceleration and deceleration) and have your vehicle serviced at the first available opportunity.

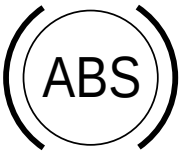
Under engine misfire conditions, excessive exhaust temperatures could damage the catalytic converter, the fuel system, interior floor coverings or other vehicle components, possibly causing a fire.

Brake system warning

BRAKE

To confirm the brake system warning light is functional, it will momentarily illuminate when the ignition is turned to the ON position (alternatively for some vehicles when the ignition is moved from the ON position to START position, the light will momentarily illuminate prior to reaching the START position). It also illuminates if the parking brake is engaged. If the brake system warning light does not illuminate as described, seek service immediately. Illumination after the parking brake is released indicates low brake fluid level or a brake system malfunction and the brake system should be serviced immediately by a qualified technician. Refer to *Brakes* in the *Driving* chapter for more information.

Anti-lock brake system (ABS)



To confirm the anti-lock brake system (ABS) warning light is functional it will momentarily illuminate when the ignition is turned to the ON position (alternatively for some vehicles when the ignition is moved from the ON position to the START position, the light will momentarily illuminate just prior to reaching the START position). If the light remains on, continues to flash or fails to illuminate, have the ABS serviced immediately. If the ABS light remains on, it means the anti-lock brake system has malfunctioned and is disabled, however, the normal brake system will still function unless the brake warning light also remains illuminated and parking brake is off. Refer to *Brakes* in the *Driving* chapter for more information.

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Safety belt

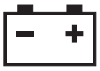
Illuminates to remind you to fasten your safety belts. For more information, refer to the *Seating and safety restraints* chapter.

Air bag readiness

Illuminates to confirm that the air bags (front and side) are operational. If the light fails to illuminate, continues to flash or remains on, have the system serviced immediately.

Charging system

Illuminates when the battery is not charging properly.

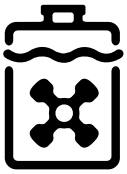


Engine oil pressure

Illuminates when the oil pressure falls below the normal range. Check the oil level and add oil if needed. Refer to *Engine oil* in the *Maintenance and specifications* chapter.

Check coolant (if equipped)

Illuminates when the coolant level in the coolant reservoir is low and more needs to be added. For more information on adding engine coolant, refer to *Engine coolant* in the *Maintenance and specifications* chapter.



Check transaxle

Illuminates when a transaxle problem has been detected and shifting may be restricted. If this lamp remains on, have your vehicle serviced immediately.

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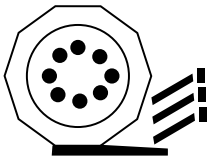
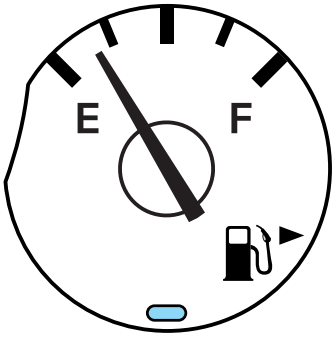
Traction Control™ active



Illuminates when the Traction Control™ system is active. It will be lit for a minimum of four seconds or for the duration of the Traction Control™ event.

For more information, refer to the *Driving* chapter.

Low fuel

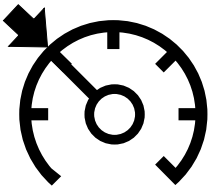


Illuminates when the fuel level in the fuel tank is at, or near, empty (refer to *Fuel gauge* in this chapter for more information). When refueling, after the light comes on, the amount of fuel that is added will be less than the advertised capacity since there is fuel still in the tank.

O/D off (if equipped)

Illuminates when the overdrive function has been turned OFF using the Transmission Control Switch (TCS) on end of gearshift. If the light does not come on or the light flashes steadily, have your vehicle serviced as soon as possible, as damage to the transmission could occur.

Speed control (if equipped)



Illuminates when the speed control is activated.

Turn signal

Illuminates when the turn signals or the hazard lights are turned on. If the lights stay on continuously or flash faster, check for a burned-out bulb.

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High beams

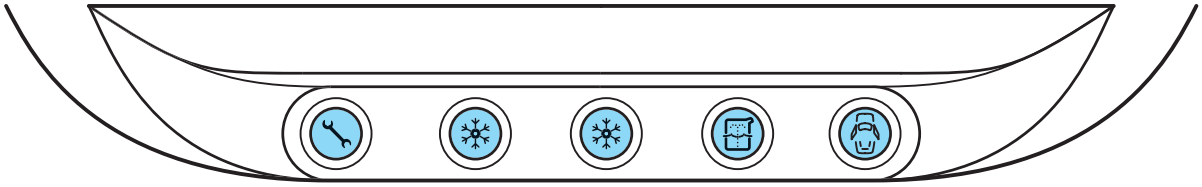
Illuminates when the high beam headlamps are turned on.

Foglamps

Illuminates when the foglamps are turned on.

Refer to *Foglamp control* in the *Lights* chapter.

OVERHEAD WARNING LIGHTS (if equipped)



These lights illuminate briefly to ensure the systems are functional.

Service intervals

Illuminates to indicate that routine service should be performed. Check your maintenance schedule to determine the routine service to be completed.

To reset the light, hold the SELECT and UNITS controls on the trip computer for five seconds. The light will be illuminated and then extinguish after approximately four seconds.

Frost warning

Illuminates when ambient air temperatures are between 0° C (32° F) and 4° C (39° F). The **yellow** light warns of possible ice on the roads.

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Danger of ice warning

Illuminates when ambient air temperature is 0° C (32° F) and below. The **red** light warns of an increased danger of icy roads.

The absence of a light in cold temperatures does not necessarily mean that there is no risk of ice on the road.

Low washer fluid

Illuminates when the windshield washer fluid is low.

Door ajar

Illuminates when any door or liftgate is open.

Safety belt warning chime

Sounds to remind you to fasten your safety belts.

BeltMinder™ chime

Sounds intermittently to remind you to fasten your safety belts.

Supplemental restraint system (SRS) warning chime

Sounds when a malfunction in the supplemental restraint system (front or side airbags) has been detected. Have the supplemental restraint system inspected immediately.

Headlamps on warning chime

Sounds when the headlamps or parking lamps are on, the key is removed from the ignition and the driver's door is opened.

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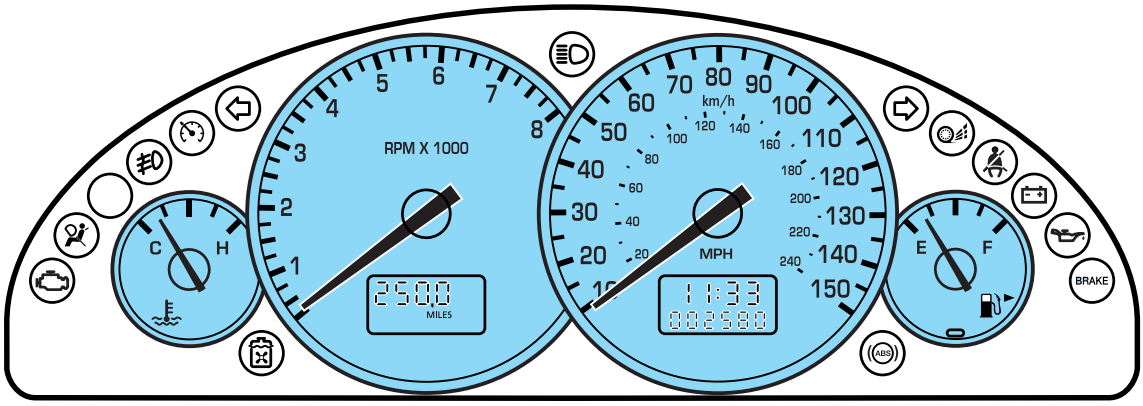
Key-in-ignition warning chime

Sounds when the key is left in the ignition and the driver's door is opened.

Liftgate ajar warning chime (if equipped)

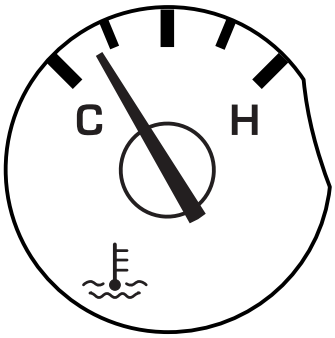
Sounds when the liftgate is ajar or open and the key is in the ignition. The interior dome lamp will also be illuminated.

GAUGES



Engine coolant temperature gauge

Indicates the temperature of the engine coolant. At normal operating temperature, the needle remains within the normal area (the area between the "H" and "C"); if the needle goes above the normal range, the engine is overheating. Stop the vehicle as soon as safely possible, switch off the engine immediately and let the engine cool. Refer to *Engine coolant* in the *Maintenance and specifications* chapter.



> Never remove the coolant reservoir cap while the engine is running or hot. Steam and scalding liquid from a hot cooling system can burn you badly.

This gauge indicates the temperature of the engine coolant, not the coolant level. If the coolant is not at its proper level the gauge indication will not be accurate.

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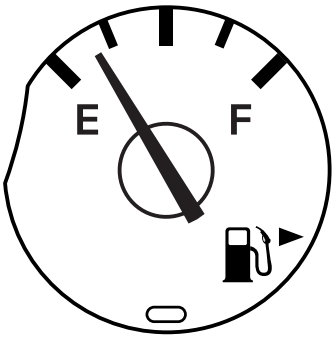
Fuel gauge

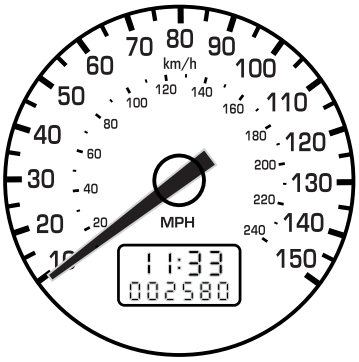
Displays approximately how much fuel is in the fuel tank. The fuel gauge may vary slightly when the vehicle is in motion or on a grade.

When refueling the vehicle from an empty indication, the amount of fuel that can be added will be less than the advertised capacity due to the reserve fuel.



Speedometer

Indicates the current vehicle speed.



Odometer

Registers the total kilometers (miles) of the vehicle.

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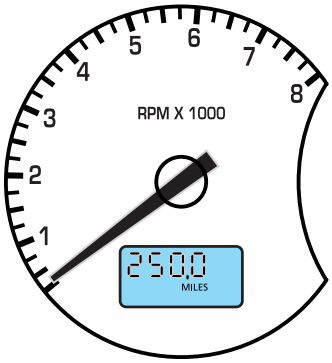
Trip odometer

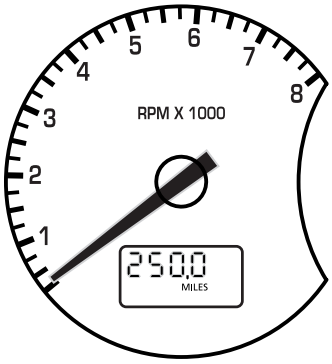
Registers the kilometers (miles) of individual journeys. To reset, depress the SELECT control on the trip computer.



Tachometer

Indicates the engine speed in revolutions per minute.

Driving with your tachometer pointer continuously at the top of the scale may damage the engine.



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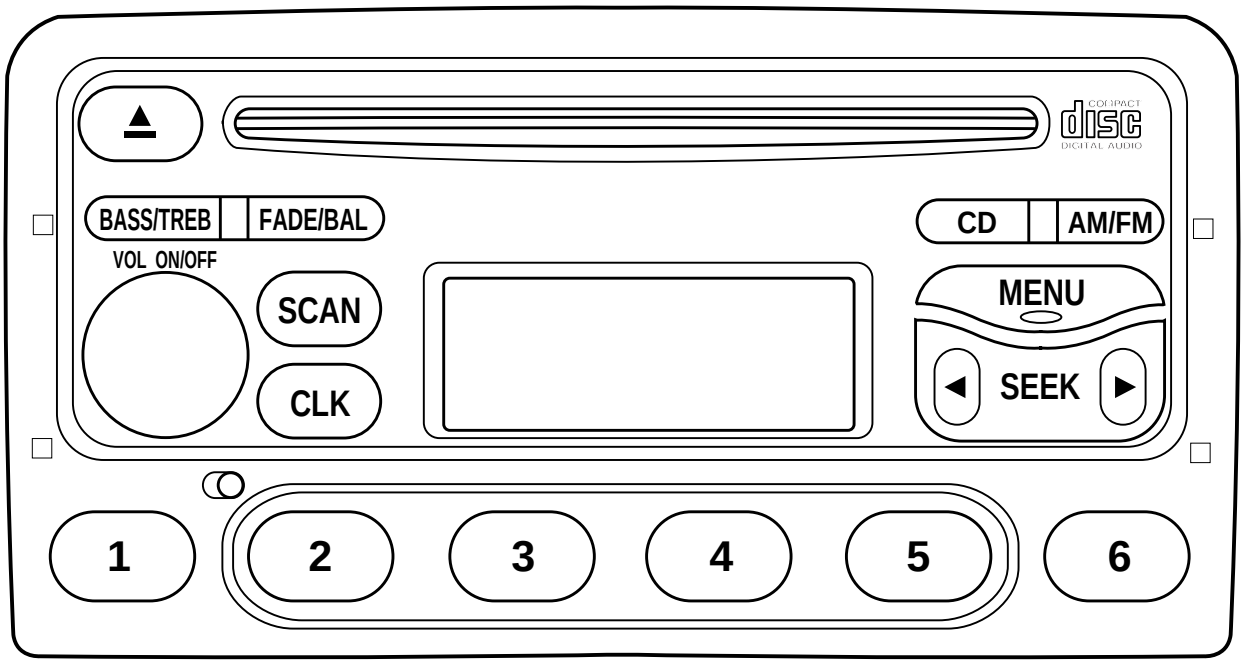
PREMIUM AM/FM STEREO/CD SYSTEM

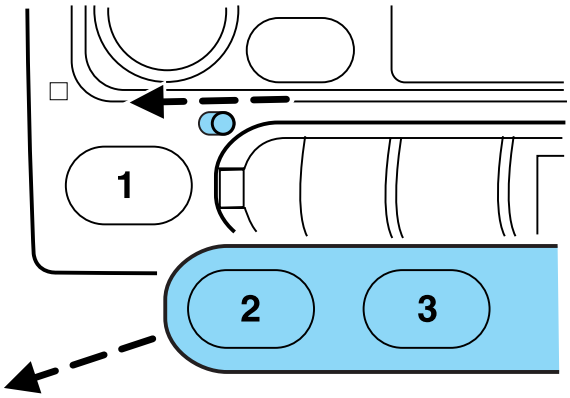


Anti-theft protection panel

To deter would-be thieves, Ford audio units have a removable front panel without which the unit will not work.

Avoid touching the contacts on the back of the panel and do not use excessive force to refit it.

Slide the security release button to the left and remove the front panel. To reposition the panel, insert the right-hand edge first, then the left-hand side, until the retaining latch is engaged.



Replacement panels

Your Ford dealer will require the following if you need to order a replacement panel:

1. Your name and address.
2. The vehicle identification number (visible on a plate mounted on the instrument panel.) Refer to *Identifying your Vehicle*.

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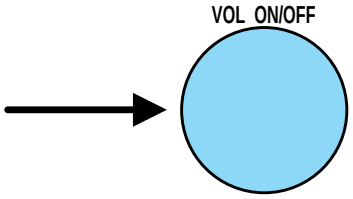
3. The audio unit type.

4. Proof of identification (driver's license, identity card, etc.).

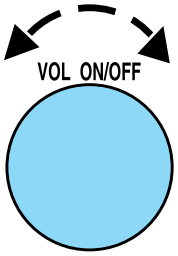
5. A vehicle invoice (if the audio unit was installed in the vehicle prior to delivery) or a parts invoice if the audio unit was purchased separately form the vehicle, or an appropriate vehicle registration document.

Volume/power control

Press the control to turn the audio system on or off.



Turn the control to raise or lower volume.



If the volume is set above a mid level and the ignition is turned off, the volume will come back on at a "nominal" listening level when the ignition switch is turned back on.

Automatic volume control (AVC) (if equipped)

With this feature, radio volume changes automatically with vehicle speed to compensate for road and wind noise.

The recommended level for speed sensitive volume is from level 1 through level 3. Level 0 turns the speed sensitive volume off and level 7 is the maximum setting.

1. Press the MENU control twice. AVC will appear in the display.

2. Use the SEEK control to adjust the volume.

3. Press ▲ on the SEEK control to increase volume compensation

4. Press ▼ on the SEEK control to decrease or shut off the volume compensation

This feature is not available on some vehicles and will not appear as a menu function.

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AM/FM select

The AM/FM select control works in radio and CD modes.

To gain the best reception, always tune to the strongest station signal available.

Under most conditions, the AM frequency provides stable sound quality and little signal disturbance. However, at night, atmospheric conditions may sometimes lead to interference from other stations.

The FM frequency offers higher quality sound broadcasts, but signal strength can be subject to interference caused by:

- Limited range of some transmitters.
- Reception distortion as signals reflect off local buildings and other objects.
- Signal “dead spots” where reception is obstructed or restricted.

AM/FM select in radio mode

This control allows you to select AM or FM frequency bands. Press the control to switch between AM, FM1 or FM2 memory preset stations.

AM/FM select in CD mode

Press this control to stop CD play and begin radio play.

Tune adjust

The tune control works in radio mode and allows you to manually adjust the frequency tuning.

Tune adjust in radio mode

- Press the MENU control until MAN appears in the display.
- Press ◀ on the SEEK control to move down the band (whether or not a listenable station is located there). Hold the control to move through the frequencies quickly.
- Press ▶ on the SEEK control to move up the frequency up the band (whether or not a listenable station is located there). Hold for quick movement.

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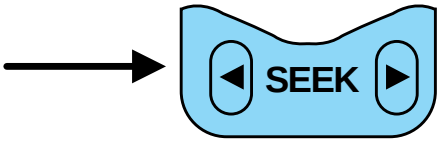
Seek function

The seek function works in radio and CD modes.

Seek function in radio mode

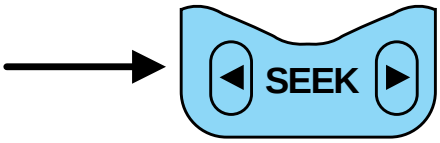
- Press ◀ to find the next listenable station down the frequency band. SEEK DOWN will display.



- Press ▶ to find the next listenable station up the frequency band. SEEK UP will display.

Seek function in CD mode (fast forward and reverse track selection)

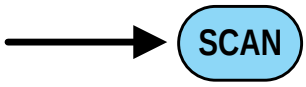
- Press ◀ to return to the beginning of the current track. If pressed within three seconds of the beginning of the track, the previous track will be selected. Press repeatedly to select previous tracks. Press and hold to search backwards across the tracks on the disc.



- Press ▶ to select the next track or press repeatedly to access later tracks. Press and hold to search forward across the tracks on the disc.

Scan function

The scan function works in radio mode.



Scan function in radio mode

Press the SCAN control to hear a brief sampling of all listenable stations on the frequency band. Press the SCAN control again to stop the scan mode.

Treble adjust

The treble adjust control allows you to increase or decrease the audio system's treble output.

Press the BASS/ TREB until TREB appears in the display.

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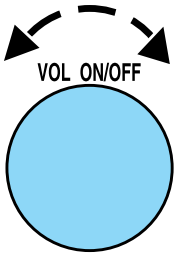
Turn the volume control (VOL) up or down to the desired setting.

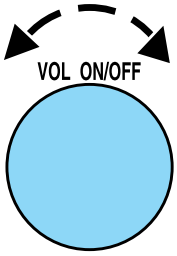


Bass adjust

The bass adjust control allows you to increase or decrease the audio system's bass output.

Press the BASS/ TREB control until BASS appears in the display.

Turn the volume control (VOL) up or down to the desired setting.



Speaker fade adjust (if equipped)

Speaker sound can be adjusted between the front and rear speakers.

Press the FADE/BAL until FADE appears in the display.

Turn the volume (VOL) control to adjust the sound from the front speakers to the rear speakers.

Speaker balance adjust

Speaker sound distribution can be adjusted between the right and left speakers.

Press the FADE/BAL until BAL appears in the display.

Turn the volume (VOL) control to adjust the sound between the right and left speakers.

Stereo indicator (ST)

The stereo indicator (ST) appears in the display whenever a stereo signal is received.

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Radio station memory preset

The radio is equipped with six station memory preset controls. These controls can be used to select up to six preset AM stations, twelve FM stations (six in FM1 and six in FM2) and six on the remaining AutoStore band.

Setting memory preset stations

1. Select the frequency band with the AM/FM select control.

2. Select a station. Refer to *Tune adjust* or *Seek function* for more information on selecting a station.

3. Press and hold a memory preset control until the sound returns, indicating the station is held in memory on the control you selected.

AutoStore selector

AutoStore allows you to set strong radio stations on the FM band without losing your original manually set preset stations. This feature is helpful on trips when you travel between cities with different radio stations.

Starting AutoStore memory preset

1. Press and hold the AM/FM control to activate AutoStore. AST will flash in the display while the system is searching for the strongest stations.

2. When the first six strong stations are filled, the station stored in memory preset control 1 will start playing.

If there are less than six strong stations available on the frequency band, the remaining memory preset controls will all store the last strong station available.

CD select

CD mode may be entered by pressing the CD control. The first track of the disc will begin playing. After that, CD play will begin where it stopped last.

CD playback

CD playback starts and radio reception is interrupted, when a CD is inserted into the entry slot. PLAY CD appears in the display.

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Press CD to start playback from a CD already in the audio unit. If no disc is inserted, NO CD appears in the display.

The display indicates elapsed track time up to 19:59. If the track is longer than twenty minutes, the first digit flashes while the rest of the numeral returns to zero and starts counting again.

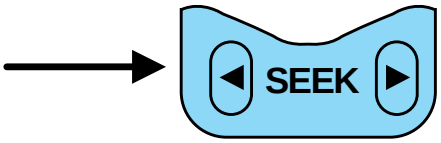
This audio unit is designed to play commercially pressed 12cm audio compact discs only. Due to technical incompatibility, certain recordable and re-recordable compact discs may not function correctly when used in CD players. Irregular shaped CDs, CDs with a scratch protection film attached and CDs with homemade paper (adhesive) labels should not be inserted into the CD player. The label may peel and cause the CD to become jammed. It is recommended that homemade CDs identified with a permanent marker rather than adhesive labels. Please contact your dealer for further information.

Shuffle feature

The shuffle feature operates in CD mode and plays all tracks on the current disc in random order.

Press the MENU control until SHUF appears in the display.

Press the SEEK control to turn the feature ON (SHUF-ON) or OFF (SHUF-OFF).



When engaged, the elapsed time indicator in the display is replaced by SHUF as a new track is selected.

If equipped with an optional CD changer, the audio unit plays all tracks on the disc selected and then moves onto the next disc and plays those tracks in a random sequence.

Compression feature

The compression feature brings soft and loud CD passages together for a more consistent listening level.

Press the MENU control until COMP appears in the display.

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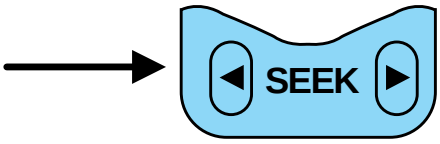
Press the SEEK control to turn the feature ON or OFF.



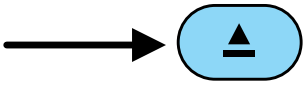
Menu mode

Press the MENU control to access main menu features.

Use the SEEK control for adjustments.

CD eject function

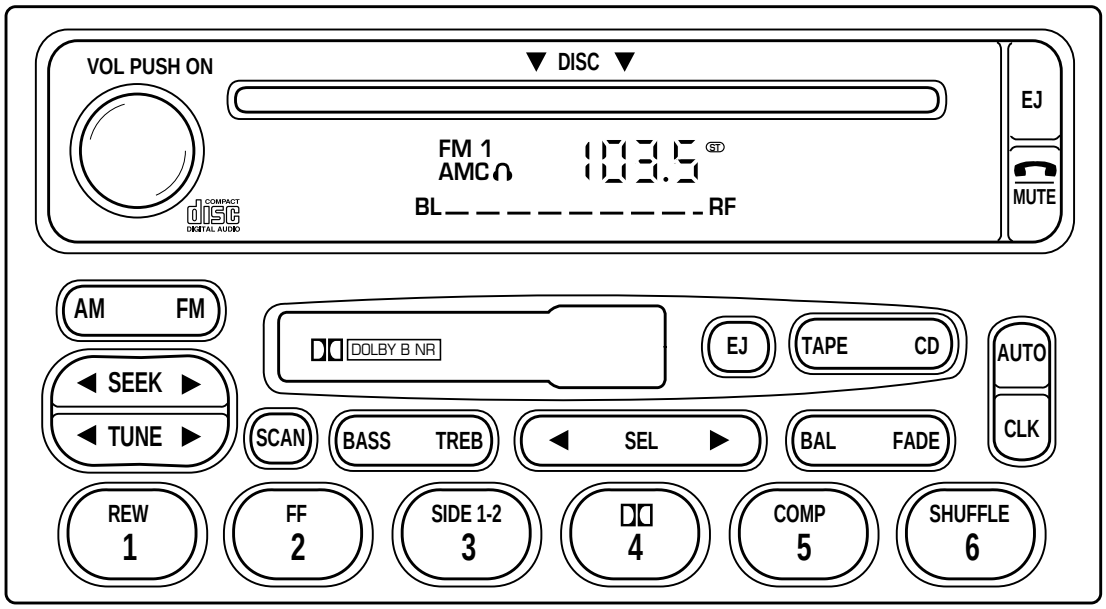
Press the eject control during CD playback to eject the CD.



Setting the clock

Your vehicle is equipped with a separate instrument panel mounted clock. Please refer to *Clock* in the *Driver controls chapter* for instructions on setting the clock.

PREMIUM AM/FM STEREO/CASSETTE/SINGLE CD



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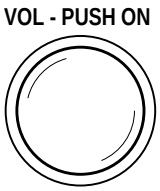
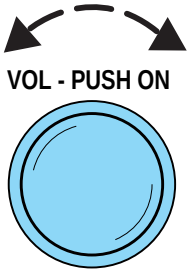
Volume/power control

Press the control to turn the audio system on or off.

Audio power can also be turned on by pressing the AM/FM select control or the TAPE/CD select control.

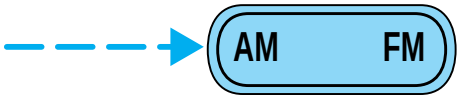


Turn control to raise or lower volume.



AM/FM select

The AM/FM select control works in radio, tape and CD modes.



AM/FM select in radio mode

This control allows you to select AM or FM frequency bands. Press the control to switch between AM, FM1 or FM2 memory preset stations.

AM/FM select in tape mode

Press this control to stop tape play and begin radio play.

AM/FM select in CD or CD changer mode (if equipped)

Press this control to stop CD play and begin radio play.

Tune adjust

The tune control works in radio or CD changer mode.

Tune adjust in radio mode

- Press ◀ to move to the next frequency down the band (whether or not a listenable station is located there). Hold the control to move through the frequencies quickly.

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- Press ▶ to move to the next frequency up the band (whether or not a listenable station is located there). Hold for quick movement.

Tune adjust for CD changer (if equipped)

- Press ◀ to select the previous disc in the CD changer. (Play will begin on the first track of the disc unless the CD changer is in shuffle mode. Refer to *Shuffle feature* for more information. Hold the control to continue reversing through the remaining discs.
- Press ▶ to select the next disc in the CD changer. Hold the control to fast-forward through the remaining discs.

Seek function

The seek function control works in radio, tape or CD mode.

Seek function in radio mode

- Press ◀ to find the next listenable station down the frequency band.
- Press ▶ to find the next listenable station up the frequency band.

Seek function in tape mode

- Press ◀ to listen to the previous selection on the tape.
- Press ▶ to listen to the next selection on the tape.

Seek function in CD mode

- Press ◀ to seek to the previous track of the disc.
- Press ▶ to seek forward to the next track of the current disc. After the last track has been completed, the first track of the current disc will automatically replay.

Scan function

The scan function works in radio, tape or CD mode.

Scan function in radio mode

Press the SCAN control to hear a brief sampling of all listenable stations on the frequency band. Press the control again to stop the scan mode.

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Scan function in tape mode

Press the SCAN control to hear a short sampling of all selections on the tape. (The tape scans in a forward direction. At the end of the tape's first side, direction automatically reverses to the opposite side of the tape.) To stop on a particular selection, press the control again.

Scan function in CD or CD changer mode (if equipped)

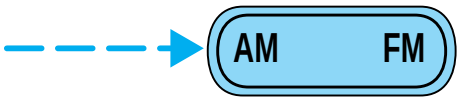
Press the SCAN control to hear a short sampling of all selections on the CD. (The CD scans in a forward direction, wrapping back to the first track at the end of the CD.) To stop on a particular selection, press the control again.

Radio station memory preset

The radio is equipped with six station memory preset controls. These controls can be used to select up to six preset AM stations and twelve FM stations (six in FM1 and six in FM2).

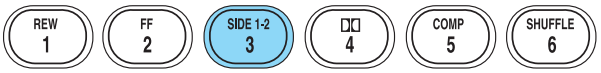
Setting memory preset stations

1. Select the frequency band with the AM/FM select control.



2. Select a station. Refer to *Tune adjust* or *Seek function* for more information on selecting a station.

3. Press and hold a memory preset control until the sound returns, indicating the station is held in memory of the control you selected.



Autoset memory preset

Autoset allows you to set strong radio stations without losing your original manually set preset stations. This feature is helpful on trips when you travel between cities with different radio stations.

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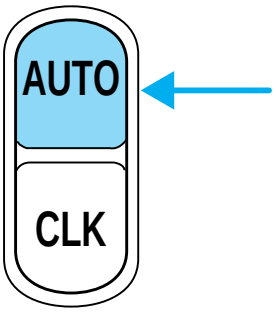
Starting autoset memory preset

1. Select a frequency using the AM/FM select controls.
2. Press the control.
3. When the first six strong stations are filled, the station stored in memory preset control 1 will start playing.



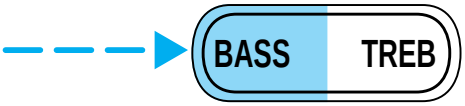
If there are less than six strong stations available on the frequency band, the remaining memory preset controls will all store the last strong station available.

These stations are temporarily stored in the memory preset controls (until deactivated) and are accessed in the same manner as your original presets.

To deactivate autoset and return to your audio system's manually set memory stations, press the AUTO control again.

Bass adjust

The bass adjust control allows you to increase or decrease the audio system's bass output.



Press the BASS control then press:

- ◀ to decrease the bass output and
- ▶ to increase the bass output.

Treble adjust

The treble adjust control allows you to increase or decrease the audio system's treble output.

Press the TREB control then press:

- ◀ to decrease the treble output and
- ▶ to increase the treble output.

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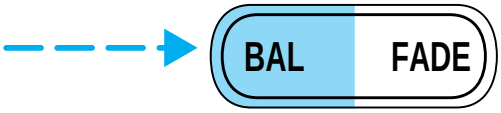
Speaker balance adjust

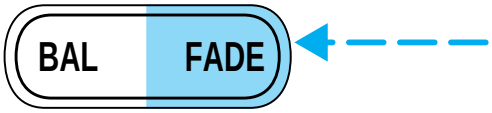


Speaker sound distribution can be adjusted between the right and left speakers.

Press the BAL control then press:

- ◀ to shift sound to the left and
- ▶ to shift sound to the right.

Speaker fade adjust



Speaker sound can be adjusted between the front and rear speakers.

Press the FADE control then press:

- ▶ to shift the sound to the front and
- ◀ to shift the sound to the rear.

Tape/CD select

- To begin tape play (with a tape loaded into the audio system) while in the radio or CD mode, press the TAPE control. Press again during rewind or fast forward to stop the rewind or fast forward function.

- To begin CD play (if CD(s) are loaded), press the CD control. The first track of the disc will begin playing. If returning from radio or tape mode, CD play will begin where it stopped last.

Press the CD control to toggle between single CD and CD changer play (if equipped).

CD units are designed to play commercially pressed 12 cm (4.75 in) audio compact discs only. Due to technical incompatibility, certain recordable and re-recordable compact discs may not function correctly when used in Ford CD players. Irregular shaped CDs, CDs with a scratch protection film attached, and CDs with homemade paper (adhesive) labels should not be inserted

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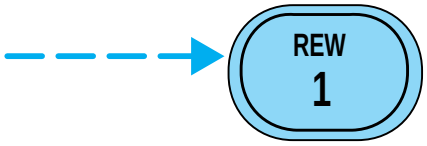
into the CD player. The label may peel and cause the CD to become jammed. It is recommended that homemade CDs be identified with permanent felt tip marker rather than adhesive labels. Ball point pens may damage CDs. Please contact your dealer for further information.

Rewind

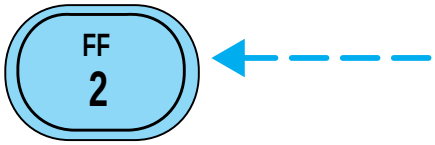
The rewind control works in tape and CD modes.



- In tape mode, radio play will continue until rewind is stopped (with the TAPE control) or the beginning of the tape is reached.
- In CD mode, pressing the REW control rewinds the CD within the current track.

Fast forward

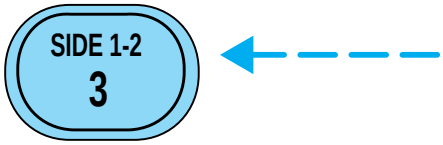
The fast forward control works in tape and CD modes.



- In the tape mode, tape direction will automatically reverse when the end of the tape is reached.
- In CD mode, pressing the FF control fast forwards the CD within the current track.

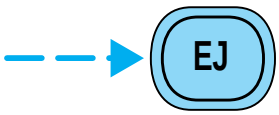
Tape direction select

Press to play the alternate side of the tape.

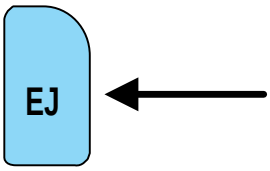


Eject function

Press the EJ control to stop and eject a tape.



Press the EJ control to stop and eject a CD.



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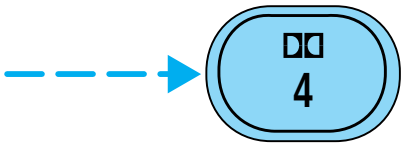
Dolby® noise reduction

Dolby® noise reduction operates in tape mode. Dolby® noise reduction reduces the amount of hiss and static during tape playback.

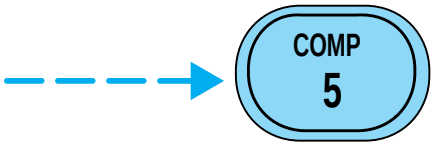


Press the DD control to activate (and deactivate) the Dolby® noise reduction.

Dolby® noise reduction is manufactured under license from Dolby® Laboratories Licensing Corporation. “Dolby®” and the double-D symbol DD are registered trademarks of Dolby® Laboratories Licensing Corporation.

Compression adjust

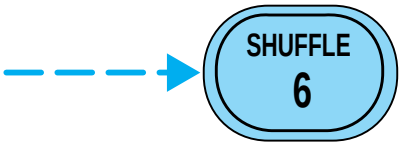
Compression adjust brings soft and loud CD passages together for a more consistent listening level.



Press the COMP control to activate and deactivate compression adjust.

Shuffle feature

The shuffle feature operates in CD mode and plays all tracks on the current disc in random order. If equipped with the CD changer, the shuffle feature continues to the next disc after all tracks on the current disc are played.



Press to start this feature. Random order play will continue until the control is pressed again.

Setting the clock

Your vehicle is equipped with a separate instrument panel mounted clock. Please refer to *Clock* in the *Driver controls chapter* for instructions on setting the clock.

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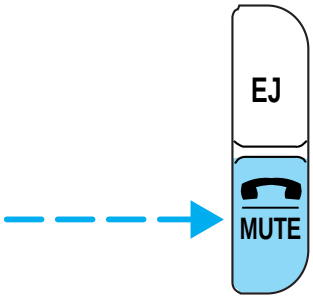
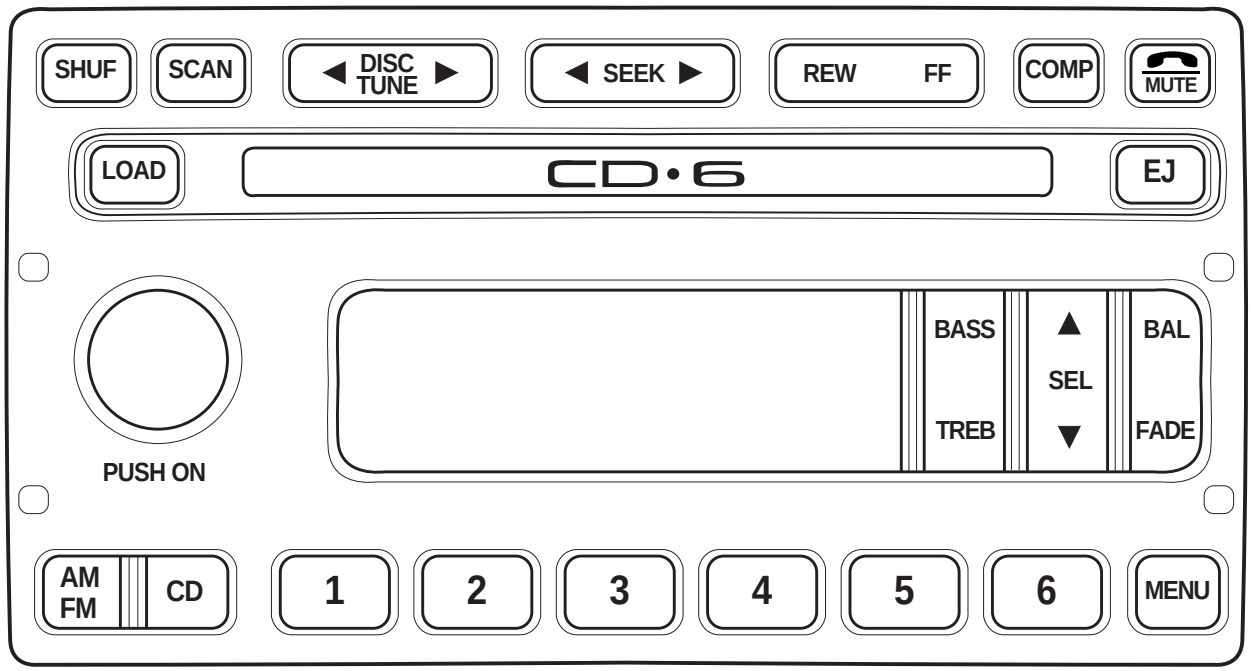
Mute mode

Press the MUTE control to mute the playing media. Press the MUTE control again to return to the playing media.

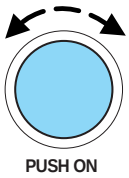


PREMIUM AM/FM STEREO IN DASH SIX CD RADIO



Volume/power control

Press the control to turn the audio system on or off. Turn the control to raise or lower volume.



AM/FM select

The AM/FM select control works in radio and CD modes.

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AM/FM select in radio mode

This control allows you to select AM or FM frequency bands. Press the control to switch between AM, FM1 or FM2 memory preset stations.

AM/FM select in CD mode

Press this control to stop CD play and begin radio play.

Tune/disc adjust

The tune control works in radio or CD mode.

Tune adjust in radio mode

- Press ◀ to move to the next frequency down the band (whether or not a listenable station is located there). Hold the control to move through the frequencies quickly.
- Press ▶ to move to the next frequency up the band (whether or not a listenable station is located there). Hold for quick movement.

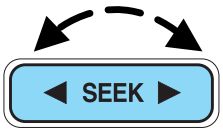
Disc adjust for CD mode

- Press ◀ to select the previous disc. (Play will begin on the first track of the disc unless shuffle mode is engaged.) Refer to *Shuffle feature* for more information. Hold the control to continue reversing through the discs.
- Press ▶ to select the next disc. Hold the control to fast-forward through the remaining discs.

Seek function

The seek function works in radio or CD mode.

Seek function in radio mode



- Press ◀ to find the next listenable station down the frequency band. SEEK DOWN will display.
- Press ▶ to find the next listenable station up the frequency band. SEEK UP will display.

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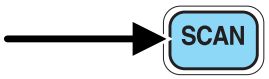
Seek function in CD mode

- Press ◀ to seek to the previous track of the current disc. If the beginning of the disc is reached, the CD player seeks to the beginning of the last track on the current disc and begins playing.
- Press ▶ to seek forward to the next track of the current disc. After the last track has been completed, the first track of the current disc will automatically replay.

Scan function

The scan function works in radio or CD mode.



Scan function in radio mode

Press the SCAN control to hear a brief sampling of all listenable stations on the frequency band. Press the SCAN control again to stop the scan mode.

Scan function in CD mode

Press the SCAN control to hear a short sampling of all selections on the CD. (The CD scans in a forward direction, wrapping back to the first track at the end of the CD.) To stop on a particular selection, press the control again.

Radio station memory preset

The radio is equipped with six station memory preset controls. These controls can be used to select up to six preset AM stations and twelve FM stations (six in FM1 and six in FM2).

Setting memory preset stations

1. Select the frequency band with the AM/FM select control. Press the AM/FM control to toggle between AM, FM1, or FM2.

2. Press the SEEK control to access the next listenable station up or down the frequency band. Press the TUNE control to go up or down the listening band in individual increments.

3. Select a station. Refer to *Seek function* for more information on selecting a station.

4. Press and hold a memory preset control. The playing media will mute momentarily. When the sound returns, the station is held in memory on

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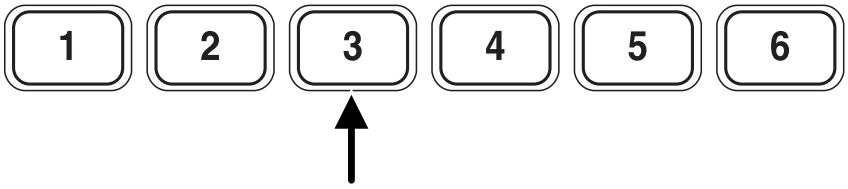
the control you selected. The display will read SAVED.



Autostore

Autostore allows you to set the strongest local radio stations without losing your original manually set preset stations. This feature is helpful on trips when you travel between cities with different radio stations.

Starting autostore

1. Press and momentarily hold the AM/FM control.

2. AUTOSET will flash in the display as the frequency band is scrolled through.

3. When the six strongest stations are filled, the station stored in memory preset control 1 will start playing.

If there are fewer than six strong stations available on the frequency band, the remaining memory preset controls will all store the last strong station available.

To deactivate autoset and return to your audio system's manually set memory stations, press the AM/FM control again.

CD select

CD mode may be entered by pressing the CD control and the LOAD control. Load the CD into the audio system. The first track of the disc will begin playing. After that, CD play will begin where it stopped last.

If an alternative CD is desired, press the corresponding preset control (1–6) of a loaded CD, or press the TUNE control to access the other loaded CDs.

NO CD will display if the CD control is activated when there is not a CD present in the audio system.

If the CD control is pressed followed by with a preset number and that particular slot is empty, NO CD will display and the system will begin to play the next available disc.

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CD units are designed to play commercially pressed 12 cm (4.75 in) audio compact discs only. Due to technical incompatibility, certain recordable and re-recordable compact discs may not function correctly when used in Ford CD players. Irregular shaped CDs, CDs with a scratch protection film attached, and CDs with homemade paper (adhesive) labels should not be inserted into the CD player. The label may peel and cause the CD to become jammed. It is recommended that homemade CDs be identified with permanent felt tip marker rather than adhesive labels. Ball point pens may damage CDs. Please contact your dealer for further information.

Display description

Six circles are always lit in the digital display. These signify the six CD slots in the audio system. When a disc is loaded into a particular slot (1–6), the number inside that specific circle lights. If the circle is empty, there is no CD in that particular slot.

Load

The load feature allows you to load single CDs into the player internal to the radio.

This six disc CD player is equipped with a CD door. Compact discs should only be inserted into the player after the door has been opened by the player. Do not attempt to force the door open. Compact discs should only be loaded by pressing the LOAD control.

Press the LOAD control. (You can choose which slot will be loaded by pressing the desired preset number. If you do not choose a slot, the system will choose the next available one.) Wait until the CD door opens. Load the CD into the player. LOADING CD# is displayed. When the CD has been loaded, the door will close and the CD will begin to play. For example, to load a CD into slot 2, press the LOAD control and then press preset 2.

Auto load

This feature allows you to autoload up to 6 discs into the multi disc CD player internal to the radio.

Press and hold the LOAD control until AUTOLOAD # is displayed. The CD door will open. Load the desired discs, one at a time. The CD is

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loaded into position and the audio system will display CD#. Each time the CD door opens, INSERT CD# is displayed. The door will close and the player will move to the next slot after each disc has been loaded. The process is repeated until all 6 slots are full. The audio system plays the last CD loaded and the display is updated. If some slots are already full and autoload is activated, the system will fill all empty slots.

Eject

Press the EJ control to stop and eject a CD. You can choose which CD will be ejected by pressing the EJ control and the desired preset number (1–6). For example, to eject CD 2, press the EJ control and then press the preset 2 control. If you do not choose a specific CD, the player will eject the current CD.

If a CD is ejected and not removed from the door of the CD player, the player will automatically reload the CD. This feature may be used when the ignition is ON or OFF.

Auto eject

Press and momentarily hold the EJ control to engage auto eject. All CDs which are present in the player will be ejected one at a time. If a CD is ejected and not removed from the door of the CD player, the player will automatically reload the CD. This feature may be used when the ignition is ON or OFF.

Rewind

The rewind control works in CD modes.

Press and hold the REW control until the desired selection is reached. If the beginning of the disc is reached, the CD will begin play at the first track. Release the control to disengage rewind mode.

When in rewind mode, your audio system will automatically lower the volume level of the playing media.

Fast forward

The fast forward control works in CD modes.

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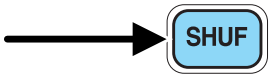
Press and hold the FF control until the desired selection is reached. If the end of the disc is reached, the CD will return to the first track. Release the control to disengage fast forward mode.

When in fast forward mode, your audio system will automatically lower the volume level of the playing media.

Shuffle feature

Press the SHUF control until the desired shuffle mode is displayed. The audio system will then engage the desired shuffle mode.



When engaged, the shuffle feature has two different modes: SHUFFLE DISC and SHUFFLE TRK.

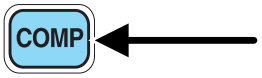
SHUFFLE DISC randomly plays tracks from all the discs presently in the audio system.

SHUFFLE TRK plays all the tracks on the current disc in random order.

Compression feature

The compression feature operates in CD mode and brings soft and loud CD passages together for a more consistent listening level.

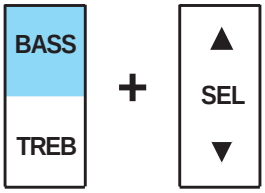
Press the COMP control until COMP ON is displayed.



Bass adjust

The bass adjust control allows you to increase or decrease the audio system's bass output.

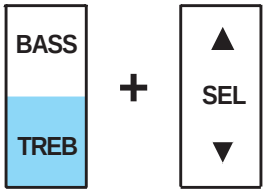
Press the BASS control. Use the SEL control to increase or decrease the amount of bass.



Treble adjust

The treble adjust control allows you to increase or decrease the audio system's treble output.

Press the TREB control. Use the SEL control to increase or decrease the amount of treble.



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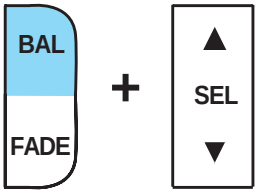
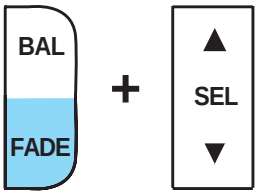
Speaker balance adjust



Speaker sound distribution can be adjusted between the right and left speakers.

Press the BAL control. Use the SEL control to adjust the sound between the left and right speakers.

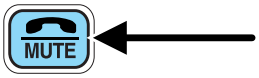
Speaker fade adjust



Speaker sound can be adjusted between the front and rear speakers.

Press the FADE control. Use the SEL control to adjust the sound between the front and rear speakers.

Mute mode



Press the control to mute the playing media. Press the control again to return to the playing media.

Setting the clock

Your vehicle is equipped with a separate instrument panel mounted clock. Please refer to *Clock* in the *Driver controls chapter* for instructions on setting the clock.

TROUBLESHOOTING THE CD PLAYER (IF EQUIPPED)

If sound skips:

- You may be traveling on a rough road, playing badly scratched discs or the disc may be dirty. Skipping will not scratch the discs or damage the player.

If player does not work:

- The disc is inserted with the label surface downward.
- The disc is dusty or defective.
- A disc with format and dimensions not within industry standards is inserted.

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For best possible sound quality, use CDs that are clean and in good condition.

CLEANING COMPACT DISCS

Inspect all discs for contamination before playing. If necessary, clean discs only with an approved CD cleaner and wipe from the center out to the edge. Do not use circular motion.

CLEANING CASSETTE PLAYER (IF EQUIPPED)

Clean the tape player head with a cassette cleaning cartridge after 10 to 12 hours of play in order to maintain the best sound and operation.

RADIO FREQUENCY INFORMATION

The Federal Communications Commission (FCC) and the Canadian Radio and Telecommunications Commission(CRTC) establish the frequencies AM and FM stations may use for their broadcasts. Allowable frequencies are:

AM 530, 540–1600, 1610 kHz

FM 87.7, 87.9–107.7, 107.9 MHz

Not all frequencies are used in a given area.

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RADIO RECEPTION FACTORS

Three factors can affect radio reception:

- **Distance/strength.** The further an FM signal travels, the weaker it is. The listenable range of the average FM station is approximately 40 km (24 miles). This range can be affected by “signal modulation.” Signal modulation is a process radio stations use to increase their strength/volume relative to other stations.
- **Terrain.** Hills, mountains and tall buildings between your vehicle’s antenna and the radio station signal can cause FM reception problems. Static can be caused on AM stations by power lines, electric fences, traffic lights and thunderstorms. Moving away from an interfering structure (out of its “shadow”) returns your reception to normal.
- **Station overload.** Weak signals are sometimes captured by stronger signals when you pass a broadcast tower. A stronger signal may temporarily overtake a weaker signal and play while the weak station frequency is displayed.

The audio system automatically switches to single channel reception if it will improve the reception of a station normally received in stereo.

AUDIO SYSTEM WARRANTIES AND SERVICE

Refer to the *Warranty Guide* for audio system warranty information.

If service is necessary, see your dealer or a qualified technician.

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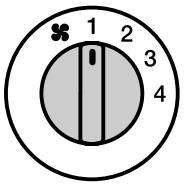
MANUAL HEATING AND AIR CONDITIONING SYSTEM

Fan speed control

Controls the volume of air circulated in the vehicle.



Temperature control knob

Controls the temperature of the airflow inside the vehicle.

Mode selector control

Controls the direction of the airflow to the inside of the vehicle.

- MAX A/C – Distributes recirculated air through the instrument panel registers. The A/C compressor will only function if the outside temperature is above approximately 6°C (43°F). MAX A/C is noisier than A/C, but more economical and efficient. This mode may prevent undesirable odors from entering the vehicle.
- A/C – Distributes outside air through the instrument panel registers. The A/C compressor will only function if the outside temperature is above approximately 6°C (43°F) .
- (Panel) – Distributes outside air through the instrument panel registers. The air can not be cooled below the outside temperature.

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- O (Off) – Outside air is shut out and the fan will not operate. This mode may reduce undesirable odors from entering the vehicle but may increase the possibility of interior window fogging.
- (Floor) – Distributes outside air through the floor ducts. The air cannot be cooled below the outside temperature.
- (Floor and defrost) – Distributes outside air through the windshield defroster ducts and the floor duct and the side window demisters. The A/C compressor will operate automatically if the outside temperature is above approximately 6°C (43°F) . The air distributed through the floor ducts will be slightly warmer than the air sent to the windshield defrost ducts and the side window demisters.
- (Defrost) – Distributes outside air through the windshield defroster ducts and the side window demisters. The A/C compressor will operate automatically if the outside temperature is above approximately 6°C (43°F). This mode will clear ice and fog from the windshield.

Since the air conditioner removes moisture from the air, it is considered normal operation if water drips on the ground under the air conditioner drain.

Operating tips

- To reduce fogging in humid weather, place the climate control system in Defrost and Rear Defrost mode (if equipped) before driving.
- To reduce humidity buildup inside the vehicle under warm weather conditions, do not drive with the climate control system in the Off mode.
- To reduce humidity buildup inside the vehicle under cold weather conditions, do not drive with the climate control system in Max A/C (if equipped), recirculation mode (if equipped) or Off mode.
- Under normal weather conditions, do not leave your vehicle in the Max A/C (if equipped), recirculation mode (if equipped) or Off mode when turning off the vehicle.
- Under snowy or dirty weather conditions, leave your vehicle in the Max A/C (if equipped), recirculation mode (if equipped) or Off mode when turning off the ignition.
- Remove any snow, ice or leaves from the exterior base of the windshield.
- To increase the efficiency of the A/C (if equipped), drive with the windows slightly open for two to three minutes. or until the vehicle has been “aired out”.

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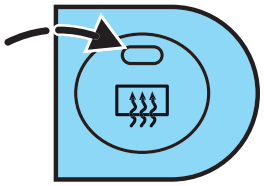
- Do not place objects under the front seat or over the defroster ducts. They may reduce visibility, fall into the ducts, or degrade the performance of your climate control system.

Do not place objects on top of the instrument panel, as these objects may become projectiles in a collision or sudden stop.

REAR WINDOW DEFROSTER

The rear defroster control is located on the instrument panel.



Press the rear defroster control to clear the rear window of thin ice and fog.

- A small LED will illuminate when the rear defroster is activated.

The ignition must be in the ON position to operate the rear window defroster.

The defroster turns off automatically after 10 minutes or when the ignition is turned to the OFF position. To manually turn off the defroster before 10 minutes have passed, push the control again.

CABIN AIR FILTER

Your vehicle is equipped with an air filter that removes pollen and road dust from outside air before it is directed to the interior of the vehicle. The particulate filtration system gives the following benefits to customers:

- Improves the customer's driving comfort by reducing particle concentration
- Improves the interior compartment cleanliness
- Protects the climate control components from particle deposits

For more information, or to replace the filter, contact your local dealer.

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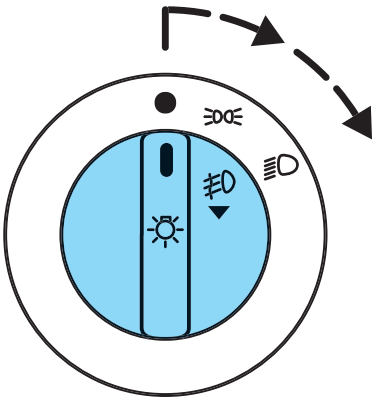
HEADLAMP CONTROL

Rotate the headlamp control to the first position to turn on the parking lamps.

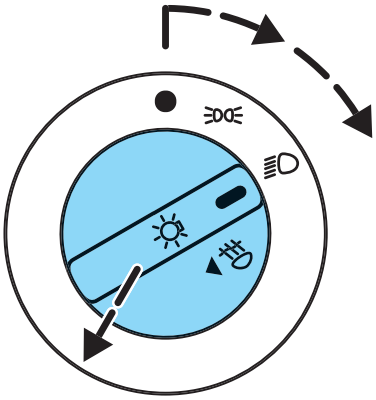
Rotate to the second position to turn on the headlamps.



Foglamp control (if equipped)

The headlamp control also operates the foglamps. The foglamps can be turned on when the headlamp control is in the or the position and the high beams are not turned on.

Pull headlamp control towards you to turn foglamps on. The foglamp indicator light will illuminate.



Daytime running lamps (DRL) (if equipped)

Turns the headlamps on with a reduced output.

To activate:

- the ignition must be in the ON position and
- the headlamp control is in the OFF or Parking lamps position.

Always remember to turn on your headlamps at dusk or during inclement weather. The Daytime Running Lamp (DRL) system does not activate with your tail lamps and generally may not provide adequate lighting during these conditions. Failure to activate your headlamps under these conditions may result in a collision.

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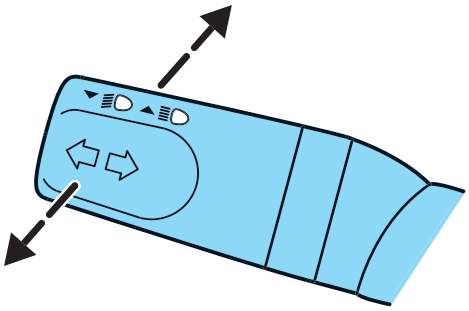
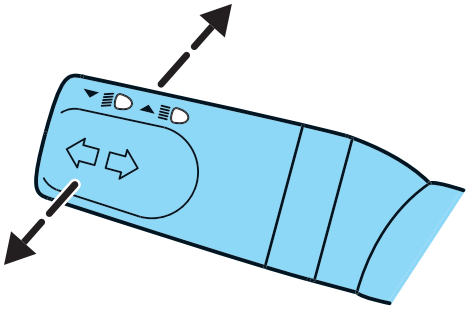
High beams

Push the lever toward the instrument panel to activate. Pull the lever towards you to deactivate.



Flash to pass

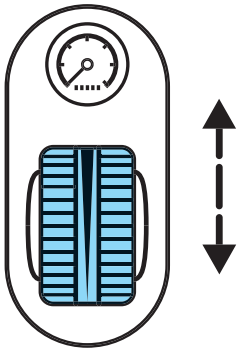
Pull toward you slightly to activate and release to deactivate.



PANEL DIMMER CONTROL

Use to adjust the brightness of the instrument panel during parklamp, headlamp, and autolamp operation.

- Rotate up to brighten.
- Rotate down to dim.
- Rotate fully up to turn on the interior lights.



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AIMING THE HEADLAMPS

The headlamps on your vehicle are properly aimed at the assembly plant.

If your vehicle has been aimed in an accident the alignment of your headlamps should be checked by a qualified service technician.

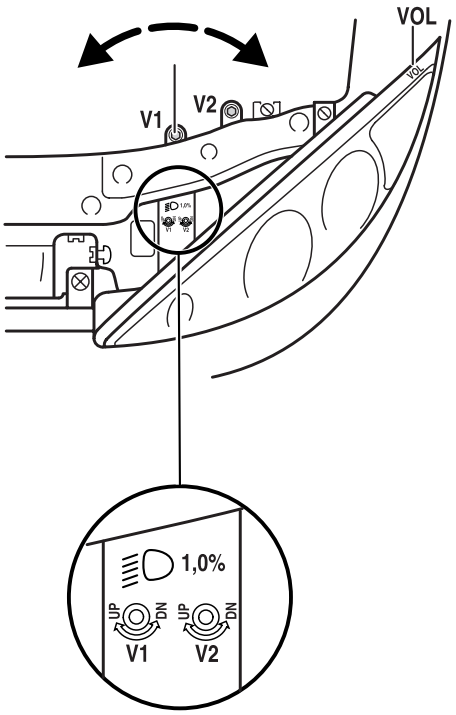
Each headlmap may be properly aimed in the vertical (up/down) direction only. THE HORIZONTAL (left/right) AIM IS PRESET BY THE HEADLAMP MANUFACTURER AND DOES NOT NEED TO BE RE-AIMED.

Adjusting the vertical aim

1. Park the vehicle on a level surface.

2. The vertical indicator is located on top of the headlamp assembly; the adjusting screw is located behind the headlamp assembly.

3. Turn the vertical adjusting screw until the bubble aligns with the “0” reference mark when viewed from directly above. The “0” reference mark is the middle of the three (3) bold graduation marks.



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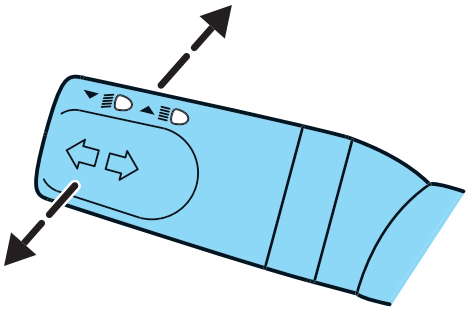
TURN SIGNAL CONTROL ⇦ ⇨

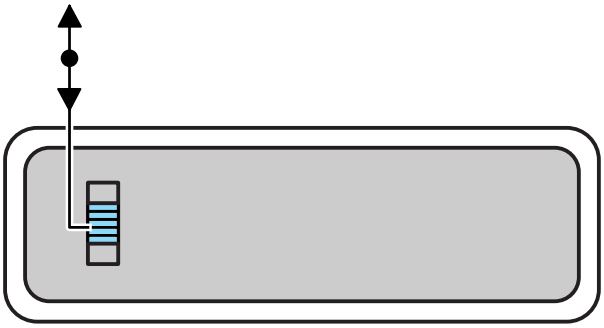
- Push down to activate the left turn signal.
- Push up to activate the right turn signal.
- In vehicles equipped with daytime running lights, use of the turn signals will shut off the highbeams in daytime driving.



INTERIOR LAMPS

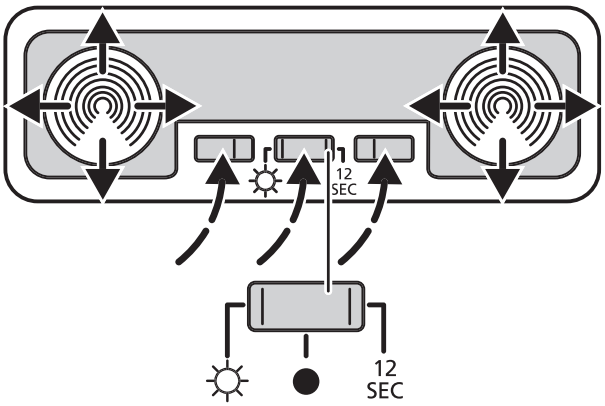
The interior lamps have three switch positions: door delay, off and on.

When the control is switched to door delay, the interior light stays on for 12 seconds after the doors are closed with the ignition off.



Reading lamps (if equipped)

The reading lamps are operated by separate on/off switches and can be adjusted to point in the desired direction.



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BULBS

Replacing exterior bulbs

Check the operation of the following lamps frequently:

- Headlamps
- Tail lamps
- Brakelamps
- High-mount brakelamp
- Turn signal lamps
- Backup lamps
- License plate lamp

Do not remove lamp bulbs unless they will be replaced immediately. If a bulb is removed for an extended period of time, contaminants may enter the lamp housings and affect performance.

Using the right bulbs

Replacement bulbs are specified in the chart below. Headlamp bulbs must be marked with an authorized “D.O.T.” for North America to assure lamp performance, light brightness and pattern and safe visibility. The correct bulbs will not damage the lamp assembly or void the lamp assembly warranty and will provide quality bulb burn time.

Function	Number of bulbs	Trade number
Front park/turn lamps	2	3157 NA
Headlamps (high)	2	9005
Headlamps (high)	2	9006
Foglamps	2	893
Rear tail/turn/brake lamp	2	1157
Backup lamp	2	1156
High-mount brakelamp	1	2825/W5W
License plate lamp	2	168
Signal mirror lamp (if equipped)	2	194
All replacement bulbs are clear in color except where noted.		
To replace all instrument panel lights - see your dealer		

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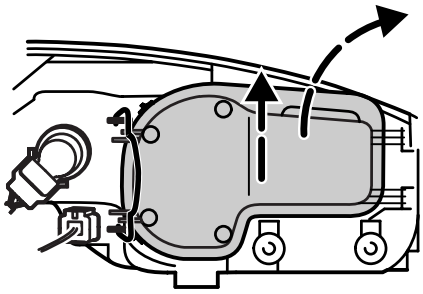
Replacing headlamp bulbs

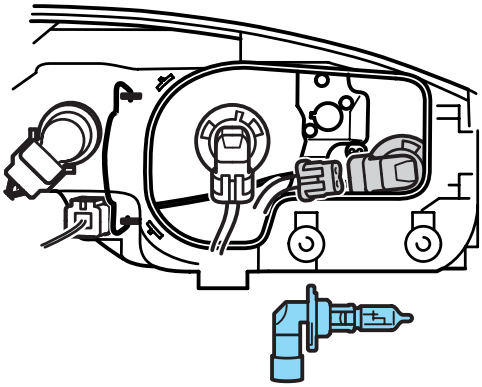
Make sure the headlamp switch is in the OFF position.

To remove the high or low beam headlamp bulb:

1. Lift the hood and release the wire clip on the rear of the headlamp assembly and remove the cover.



2. Disconnect the electrical connector by turning the bulb holder counterclockwise.
3. Pull the bulb holder straight out to remove the bulb.



To install the new bulb:

Handle a halogen headlamp bulb carefully and keep out of children's reach. Grasp the bulb by only its plastic base and do not touch the glass. The oil from your hand could cause the bulb to break the next time the headlamps are operated.

Note: If the bulb is accidentally touched, it should be cleaned with rubbing alcohol before being used.

1. Install the new bulb in the lamp assembly by pushing it straight in and turning to lock it in position. You may need to turn the bulb slightly to align the grooves in the plastic base with the tabs in the lamp assembly.

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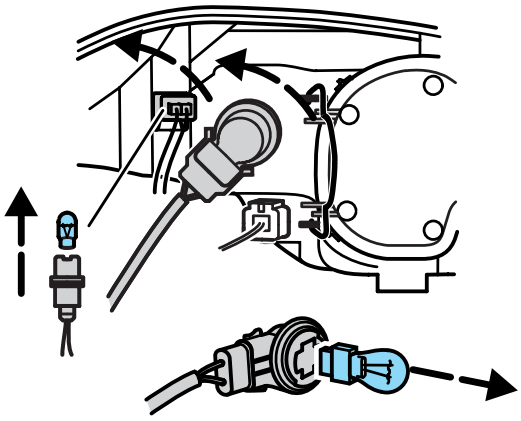
2. Connect the electrical connector to the bulb.

3. Install the protective cover and secure it with the wire clips.

4. Turn the headlamps on and make sure they work properly. if the headlamp was correctly aligned before you changed the bulb, you need to align it again.

Replacing front parking lamp/turn signal bulbs



1. Remove the headlamp assembly cover.

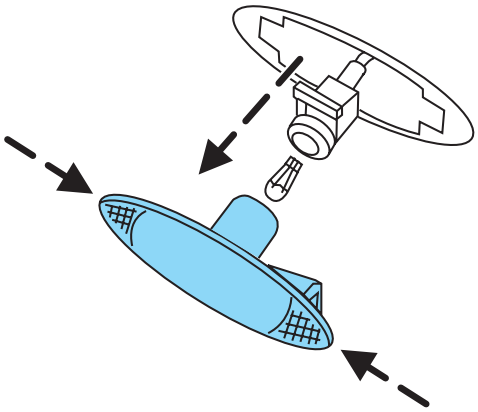
2. Turn the bulb holder counter clockwise.

3. Remove the bulb socket by pulling it straight out from the lamp assembly.

4. Pull the bulb straight out of the socket and press in the new bulb.

5. Install the bulb socket into the lamp assembly by turning clockwise.

Replacing side marker lamps



1. Push the complete light assembly to the front and pull it out.

2. Remove the socket from the assembly by turning it counter clockwise.

3. Pull the bulb straight out and replace it.

4. Install the bulb socket into the assembly by turning it clockwise.

Replacing brake/turn signal/tail/backup lamps

The brake, turn signal, tail and backup lamps bulbs are located in the same portion of the tail lamp assembly. Follow the same steps to replace either bulb.

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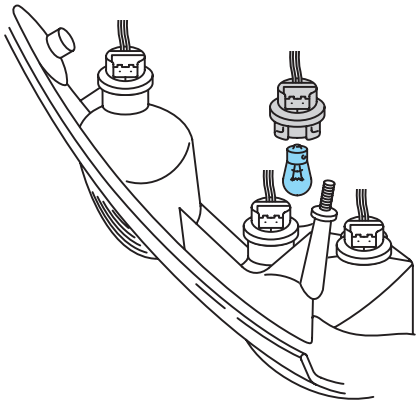
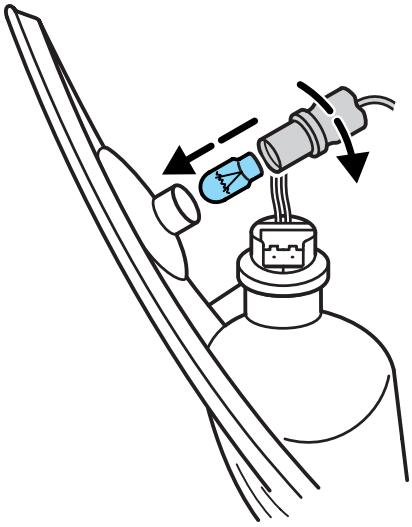


1. From the trunk, remove the carpet cover from the lamp assembly.
2. Remove the three retainer nuts and pull the lamp assembly out.
3. Turn the bulb counterclockwise and pull it out.
4. Replace the defective bulb.
5. Replace the lamp assembly and turn it clockwise to secure it in place.

Replacing the rear parking lamps



1. From the trunk, locate the parking lamp on the trunk wall near the tail lamp.
2. Turn the bulb socket counterclockwise and pull it out.
3. Pull the bulb straight out and replace it.
4. Add a bulb by pushing it straight in to the bulb socket.
5. Replace the bulb socket and turn it clockwise to secure it in place.

Replacing foglamp bulbs (if equipped)

For bulb replacement, see a dealer or qualified technician.

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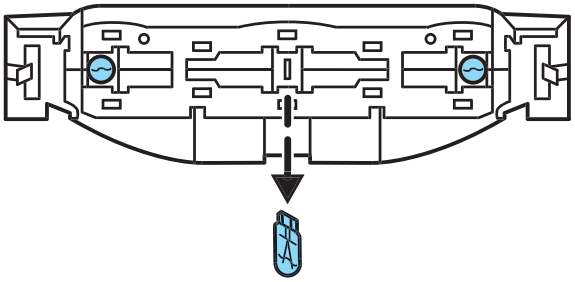
Replacing high-mount brake lamp bulbs



1. Remove the push pins and cover from the liftgate. (To remove the push pins, press the two tabs of the push pin insert inward and pull the insert out.)

2. Turn the bulb socket counterclockwise.

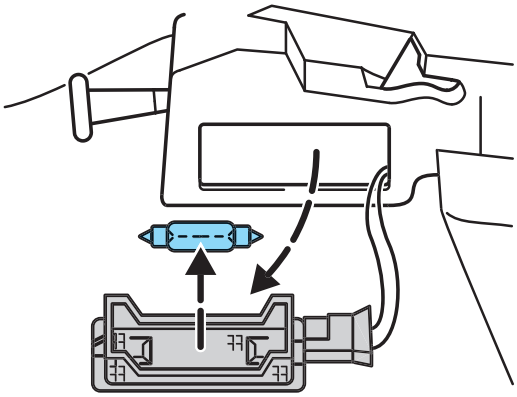
3. Pull the bulb straight out of the socket and push in the new bulb.

To install the lamp assembly:

1. Install the bulb into the lamp assembly and turn it clockwise

2. Replace the cover and the push pins.

Replacing the luggage compartment lamp



1. Remove the light assembly from the underside of the liftgate.

2. Turn the spherical bulb (with slight pressure) counterclockwise to remove.

3. To replace the bulb, insert bulb and turn it clockwise to secure in place.

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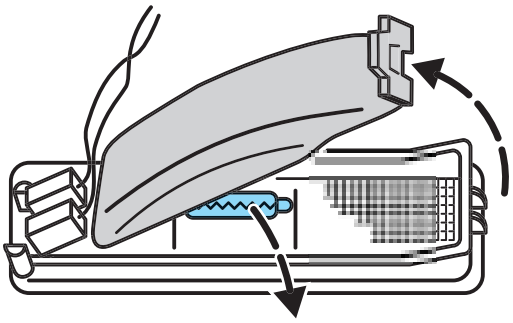
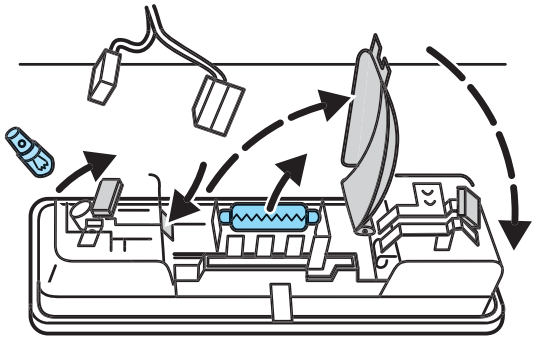
Replacing interior lamps

1. Switch off the interior lamps (middle switch position).
2. Open the lamp assembly.
3. Release the reflector at the side.
4. Pull out and replace the bulb.



Replacing reading bulbs (if equipped)

1. Open the reading lamp assembly.
2. Pull the bulb straight out and replace it.
3. After the bulb has been replaced, close the lamp assembly.



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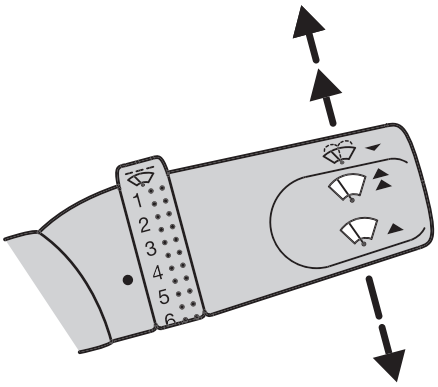
WINDSHIELD WIPER/WASHER CONTROLS

Lift the windshield wiper control to the desired interval.

- Intermittent: push lever up to the first position.
- Low: push lever up to the second position.
- High: push lever up to the third position.

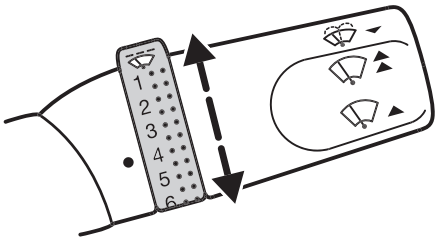
For a single wipe, push the lever downward.



Intermittent wiper control

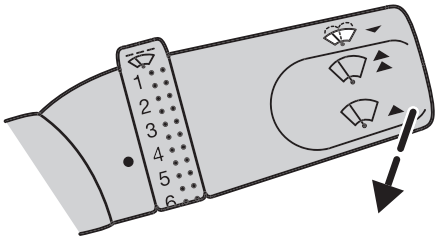
Rotate the variable intermittent wiper control to the desired speed.

- 1 = Short time interval
- 6 = Extended time interval



Washer

Pull the lever toward the steering wheel. The washer operates in conjunction with the windshield wipers.



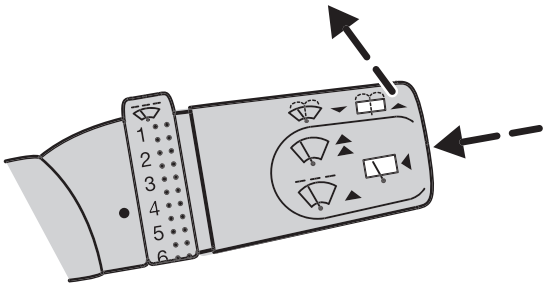
REAR WINDOW WIPER/WASHER (IF EQUIPPED)

Wiper

To turn it on, push the wiper control inward. Push the control in again to turn it off.

Washer

Push the lever away from the steering wheel.



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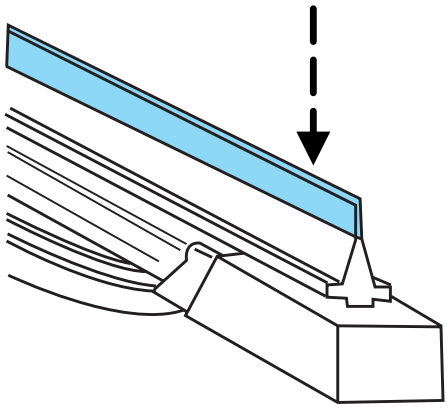
WINDSHIELD WIPER BLADES

Check the wiper blades for wear at least twice a year or when they seem less effective. Substances such as tree sap and some hot wax treatments used by commercial car washes reduce the effectiveness of wiper blades.

CHECKING WIPER BLADES

Check the wiper blades on your vehicle for roughness by running the tip of your fingers over the edge of the blade.



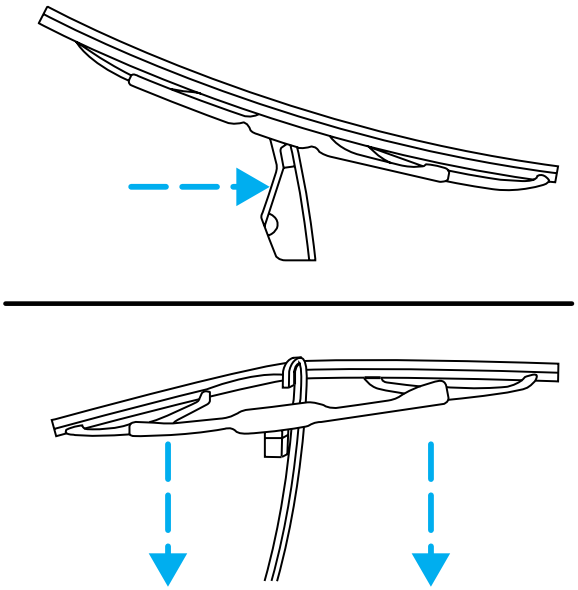
Traces of grease, silicone and fuel also prevent wiper blades from functioning properly. Clean the blades regularly using a damp cloth or sponge soaked with diluted windscreen or car wash detergent.

Change the wiper blades on your vehicle at least once a year.

CHANGING THE WIPER BLADES

To replace the wiper blades:

1. Pull the wiper arm away from the windshield and lock into the service position.



2. Turn the blade at an angle from the wiper arm. Push the lock pin manually to release the blade and pull the wiper blade down toward the windshield to remove it from the arm.

3. Attach the new wiper to the wiper arm and press it into place until a click is heard.

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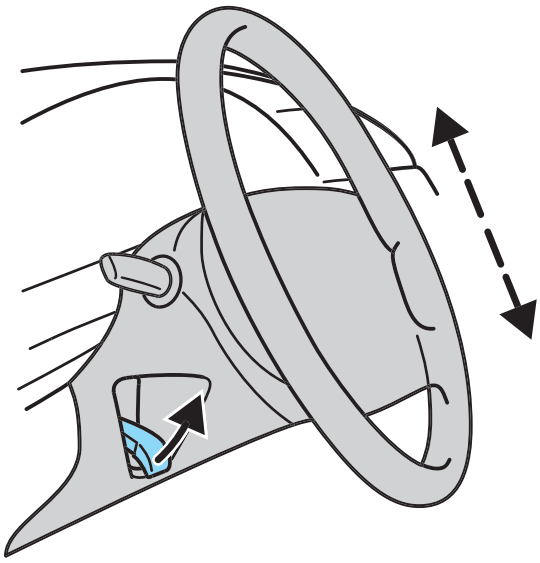
TILT STEERING WHEEL

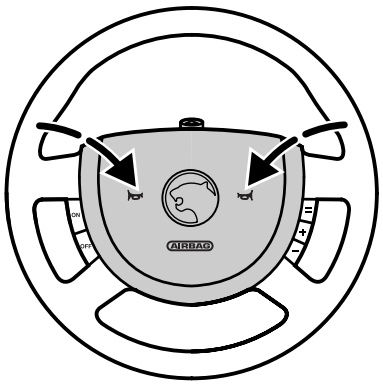
Pull the locking lever on the steering column cover up to adjust the steering column position. Secure the wheel by releasing the locking lever.



Never adjust the steering wheel when the vehicle is moving.

HORN

Press the pad in the middle of the steering wheel.



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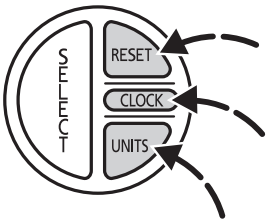
CLOCK

The clock can be set to either a 12 hour or a 24 hour format.

Press the CLOCK button until it flashes.



Press the UNITS button once to display 12HR. Press the RESET button to toggle between 12 and 24 HR.

Press the UNITS button until the hour flashes. Press the RESET button to set the hour.

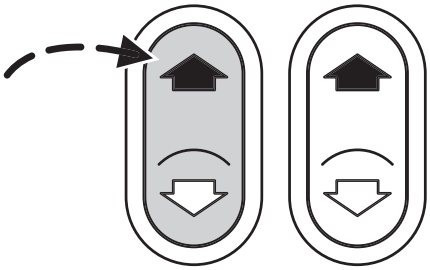
Press the UNITS button until the minutes flash. Press the RESET button to set the minutes.

Press the CLOCK button to store the time.

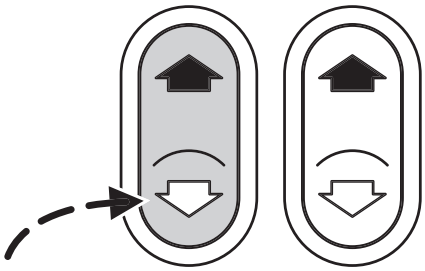
POWER WINDOWS

Press and hold the rocker switches to open and close windows.

- Press the top portion of the rocker switch to close.



- Press the bottom portion of the rocker switch to open.



POWER SIDE VIEW MIRRORS

The power mirrors can be operated at any time.

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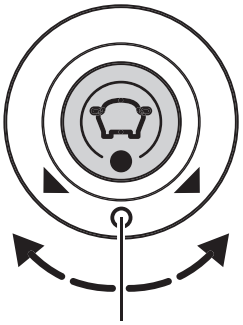
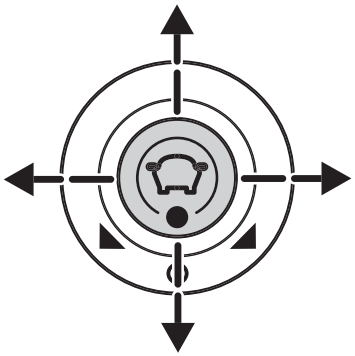
1. The control can be swiveled and turned. Turn the control clockwise to adjust the driver's side mirror, counterclockwise to adjust the passenger side mirror.



2. Adjust the selected mirror by moving the center control in the desired direction. Then turn the control back to the center position.



Heated mirrors (if equipped)

The heated mirrors are activated by turning on the rear window defroster.

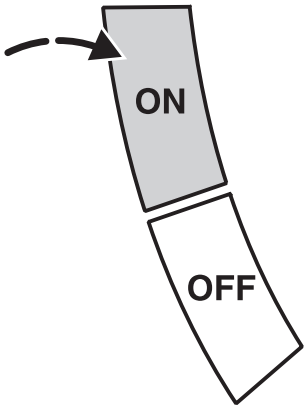
SPEED CONTROL (IF EQUIPPED)

To turn speed control on

- Press ON.

Vehicle speed cannot be controlled until the vehicle is traveling at or above 48 km/h (30 mph).

Do not shift the gearshift lever into N (Neutral) with the speed control on.



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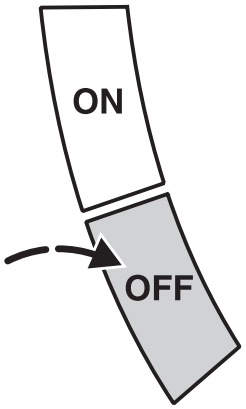
Do not use the speed control in heavy traffic or on roads that are winding, slippery, or unpaved.

To turn speed control off

- Press OFF or
- Turn off the vehicle ignition.

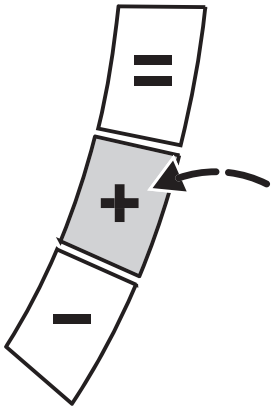
Once speed control is switched off, the previously programmed set speed will be erased.



To set a speed

- Press + and release. For speed control to operate, the speed control must be ON and the vehicle speed must be greater than 48 km/h (30 mph).

If you drive up or down a steep hill, your vehicle speed may vary momentarily slower or faster than the set speed. This is normal.



Speed control cannot reduce the vehicle speed if it increases above the set speed on a downhill. If your vehicle speed is faster than the set speed while driving on a downhill, you may want to shift to the next lower gear or apply the brakes to reduce your vehicle speed.

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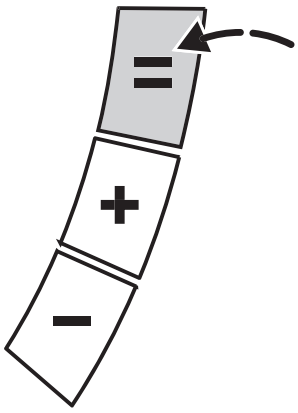
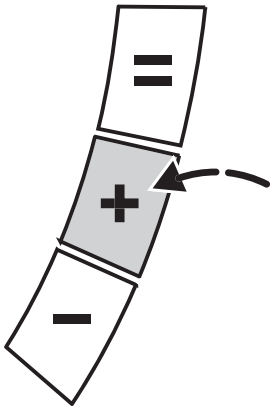
If your vehicle slows down more than 16 km/h (10 mph) below your set speed on an uphill, your speed control will disengage. This is normal. Pressing = will re-engage it.



Do not use the speed control in heavy traffic or on roads that are winding, slippery, or unpaved.

To set a higher set speed

- Press and hold +. Release the control when the desired vehicle speed is reached or
- Press and release + to operate the Tap-Up function. Each press will increase the set speed by 1.6 km/h (1 mph) or
- Accelerate with your accelerator pedal. When the desired vehicle speed is reached, press and release +.



You can accelerate with the accelerator pedal at any time during speed control usage. Releasing the accelerator pedal will return your vehicle to the previously programmed set speed.

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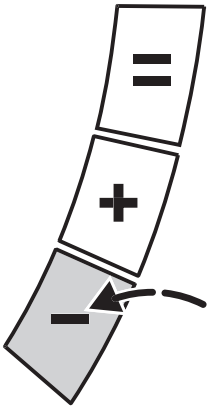
To set a lower set speed

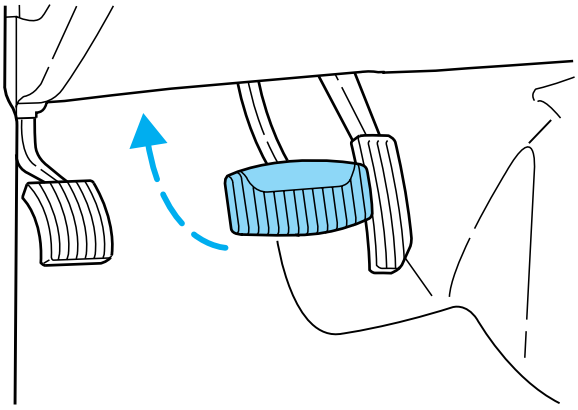
- Press and hold –. Release the control when the desired speed is reached or
- Press and release – to operate the Tap-Down function. Each press will decrease the set speed by 1.6 km/h (1 mph) or
- Depress the brake pedal. When the desired vehicle speed is reached, press +.



To disengage speed control

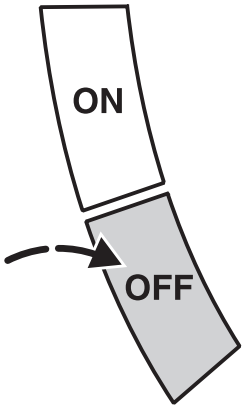
- depress the brake pedal, or

Disengaging the speed control will not erase the previously programmed set speed.



- Press the OFF control.

Pressing OFF will erase the previously programmed set speed.



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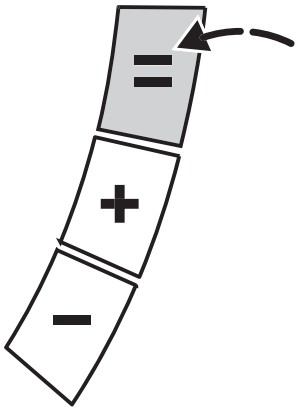
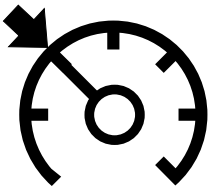
To return to a previously set speed

- Press =. For = to operate, the vehicle speed must be faster than 48 km/h (30 mph).



Indicator light

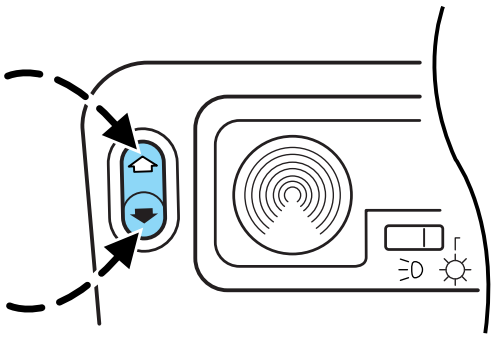
This light comes on when the vehicle speed control is engaged and actively controlling vehicle speed.



MOON ROOF (IF EQUIPPED)

To lift the rear of the moon roof:

- Press the ⇧ moon roof control to lift up.
- Press and hold (as desired) the bottom moon roof control to close.



To open and close the moon roof:

- Press and hold the ⇧ moon roof control to open. The moon roof is fully open when approximately 2/3rds of the opening is exposed.
- Press and hold (as desired) the bottom moon roof control to close.

Do not let children play with the moon roof. They may seriously hurt themselves.

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TRIP COMPUTER

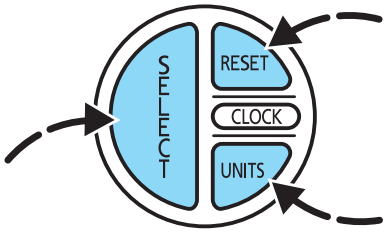
The trip computer tells you about the condition of your vehicle through a constant monitor of vehicle systems. You may select display features on the trip computer for a display of status.

The trip computer only operates with the ignition in the ON position.

Selectable features

Select

Press this control to select the following features:



- Temperature
- Average speed
- Trip odometer
- Distance to empty
- Average fuel economy

Units

Press this control to change the trip computer display between metric and English units.

Reset

Press this control to reset the function to zero.

Temperature

Shows the outside air temperature. It may take several minutes of driving for the display to update the present temperature.

Average speed

Shows the average speed since last reset.

Trip odometer

Refer to *Gauges* in the *Instrument cluster* chapter

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Distance to empty

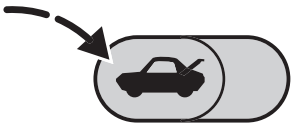
This displays the approximate distance you can drive with the fuel remaining in the tank.

Average fuel economy

Shows the average fuel economy since last reset.

TRUNK REMOTE CONTROL

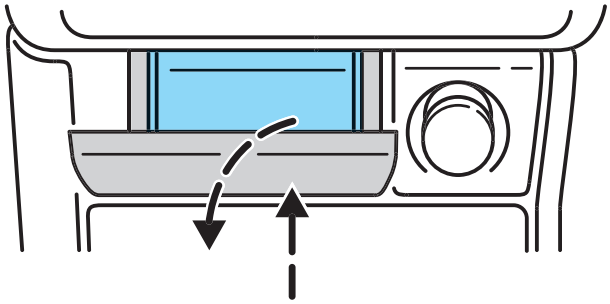
Push the control located under the instrument panel by the driver's door to open the luggage compartment.



FRONT ASHTRAY

The ashtray is located beneath the radio.

To open, press and the ashtray opens automatically. To empty, extract the ashtray.



CENTER CONSOLE

Your vehicle has a variety of console features. These include:

- Utility compartment
- Cupholder
- Coin holder slots

Use only soft cups in the cupholder. Hard objects can injure you in a collision.

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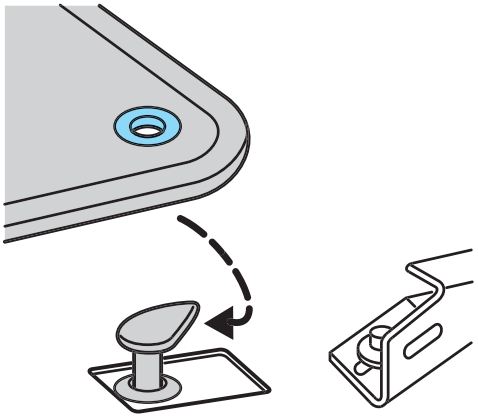
POSITIVE RETENTION FLOOR MAT (DRIVER'S SIDE ONLY)



Position the floor mat in the footwell. Place the mat eyelet over the pointed end of the retention post from the rear and rotate forward to install. Adjust the floor mat position to allow proper operation of accelerator pedal, brake pedal and clutch pedal (if equipped).

To remove, lift the floor mat just forward of the retention post and rotate it rearward to disengage it from the retention post.

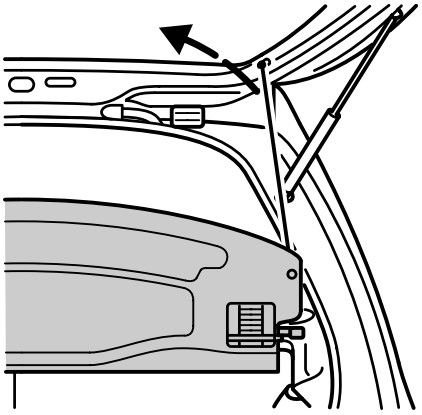
CARGO AREA FEATURES

Cargo cover

Do not place objects on the cargo cover.

To remove the cover:

Detach the lifting straps on the liftgate. The pull it out horizontally without tilting.



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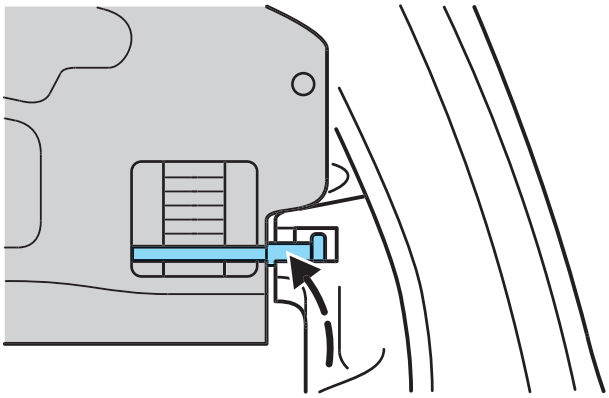
To install the cover:

Insert the cover horizontally, align it and push in as far as the stop. Attach the lifting straps to the liftgate.

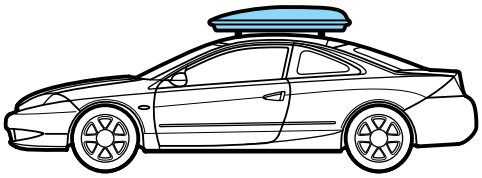


Do not place any objects on the cargo area cover. They may obstruct your vision or strike occupants of the vehicle in the case of a sudden stop or collision.

The cover may cause injury in a sudden stop or accident if it is not securely installed.

USING A LUGGAGE RACK

The moon roof opens to the outside. When placing a luggage rack or any load on the roof, ensure there is proper clearance before opening the moon roof.



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KEYS

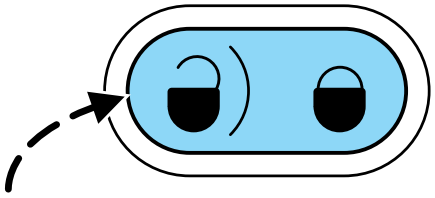
The key operates all locks on your vehicle. In case of loss, replacement keys are available from your dealer.

You should always carry a second key with you in a safe place in case you require it in an emergency.

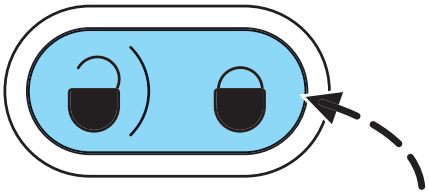
Refer to *SecuriLock™ Passive Anti-Theft System* for more information.

POWER DOOR LOCKS

Press control to unlock all doors.



Press control to lock all doors.



INTERIOR LUGGAGE COMPARTMENT RELEASE

Your vehicle is equipped with a mechanical interior luggage compartment release handle that provides a means of escape for children and adults in the event they become locked inside the luggage compartment.

Adults are advised to familiarize themselves with the operation and location of the release handle.

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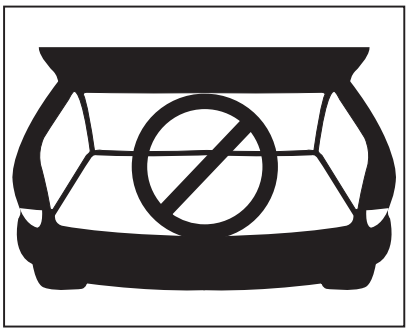
To open the luggage compartment door (lid) from within the luggage compartment, pull the illuminated "T" shaped handle and push up on the trunk lid. The handle is composed of a material that will glow for hours in darkness following brief exposure to ambient light.

The "T" shaped handle will be located either on the luggage compartment door (lid) or inside the luggage compartment near the tail lamps.

Keep vehicle doors and luggage compartment locked and keep keys and remote transmitters out of a child's reach. Unsupervised children could lock themselves in an open trunk and risk injury. Children should be taught not to play in vehicles.



On hot days, the temperature in the trunk or vehicle interior can rise very quickly. Exposure of people or animals to these high temperatures for even a short time can cause death or serious heat-related injuries, including brain damage. Small children are particularly at risk.

REMOTE ENTRY SYSTEM (IF EQUIPPED)

This device complies with part 15 of the FCC rules and with RS-210 of Industry Canada. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

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Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The remote entry system allows you to lock or unlock all vehicle doors and luggage compartment without a key.

The remote entry features only operate with the ignition in the OFF position.

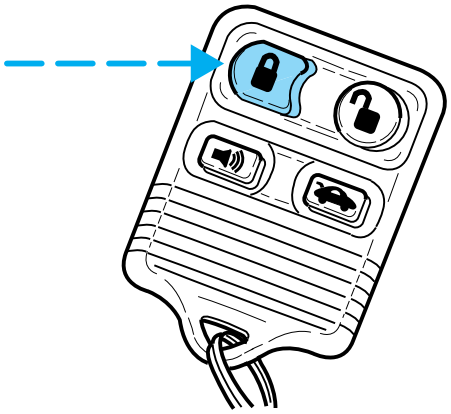
If there is any potential remote keyless entry problem with your vehicle, ensure **ALL remote entry transmitters** are brought to the dealership, to aid in troubleshooting.

Locking the doors

Press this control to lock all doors.

The lamps will flash to confirm all doors are locked.

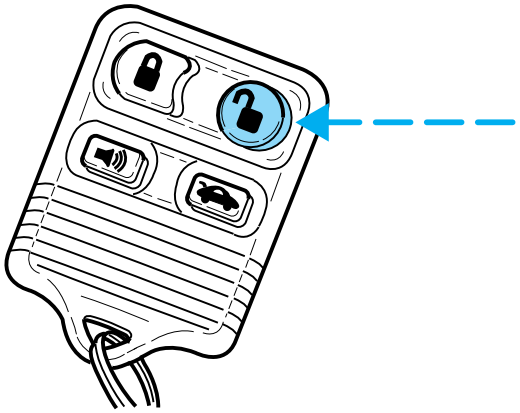
If any of the doors, hood and liftgate are ajar, the lamps will not flash.



Unlocking the doors

Press this control to unlock the driver's door. The interior lamps will illuminate.

Press the control a second time within three seconds to unlock all doors.



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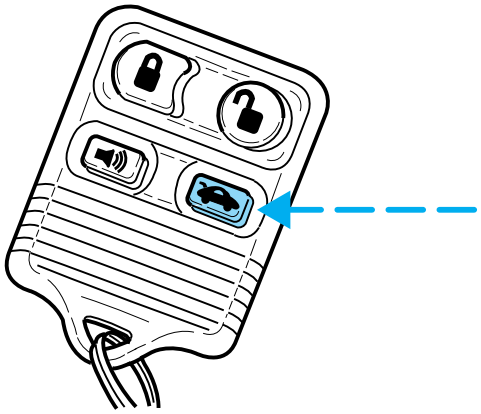
Opening the luggage compartment

Press this control to open the luggage compartment.

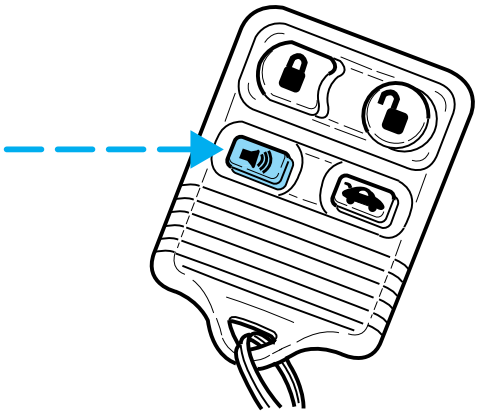
Be certain the luggage compartment is closed before driving your vehicle. The luggage compartment may appear closed, but it may not be latched. Failure to do so may cause objects to fall out of the luggage compartment or block rear view vision.



Sounding a panic alarm

Press this control to activate the alarm. The horn will sound and the lights will flash for approximately two minutes.

To deactivate the alarm, press the control again or turn the ignition to ON.



Replacing the batteries

The transmitter is powered by one coin type three-volt lithium batteries. Typical operating range will allow you to be up to 10 meters (33 feet) away from your vehicle. A decrease in operating range can be caused by:

- Weather conditions
- Nearby radio towers
- Structures around the vehicle
- Other vehicles parked next to the vehicle

To replace the batteries:

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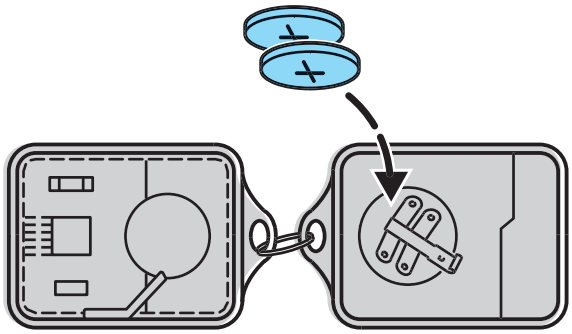
1. Twist a thin coin between the two halves of the transmitter. DO NOT TAKE THE FRONT PART OF THE TRANSMITTER APART.

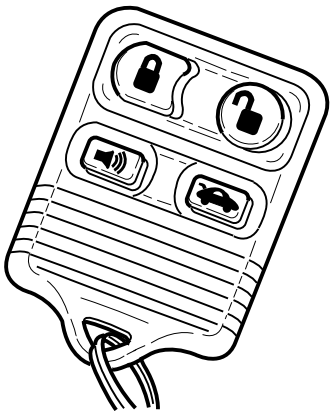
2. Place the positive (+) side of new batteries down. Refer to the diagram inside the transmitter unit.

3. Snap the two halves back together.



Replacing lost transmitters

If a remote transmitter has been lost and you would like to remove it from the vehicle's memory or you would like to purchase additional transmitters for your vehicle (up to four may be programmed into memory), take **all** your vehicle's transmitters to your dealer for programming.



SECURILOCK™ PASSIVE ANTI-THEFT SYSTEM

SecuriLock™ passive anti-theft system is an engine immobilization system. This system is designed to prevent the engine from being started unless a **coded key programmed to your vehicle** is used.

The SecuriLock™ passive anti-theft system is not compatible with non-Ford aftermarket remote start systems. Use of these systems may result in vehicle starting problems and a loss of security protection.

THEFT INDICATOR

The theft indicator is located on top of the instrument panel.

- When the ignition is in the OFF position, the indicator will flash once every 2 seconds to indicate the SecuriLock™ system is functioning as a theft deterrent.
- When the ignition is in the ON position, the indicator will glow for 3 seconds to indicate normal system functionality.

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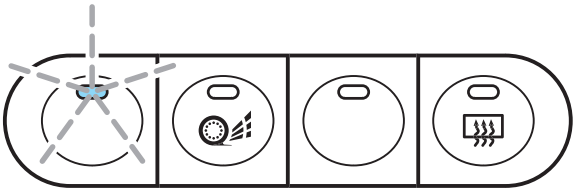
If a problem occurs with the SecuriLock™ system, the indicator will flash rapidly or glow steadily when the ignition is in the ON position. If this occurs, the vehicle should be taken to an authorized dealer for service.

Automatic arming

The vehicle is armed five seconds after switching off the ignition. The indicator light on the dashboard above the climate controls will flash every two seconds when the vehicle is armed.



Automatic disarming

Switching the ignition to the 4 (RUN) position with a **coded key** disarms the vehicle. If the indicator light stays on for an extended period of time or flashes rapidly, have the system serviced by your dealership or a qualified technician.

Key information

Your vehicle is supplied with **two coded keys.** Only a **coded key** will start your vehicle.

Spare coded keys can be purchased from your dealership. Your dealership can program your key or you can “do it yourself.” Refer to *Programming spare keys*.

Functional check

When the ignition is switched on, the indicator light will illuminate for approximately three seconds to indicate the system is operating correctly.

If the indicator light flashes rapidly for approximately one minute and then repeats at irregular intervals, the system did not recognize the key code. Remove the key and try again.

If the indicator light flashes rapidly for approximately one minute and then repeats at irregular intervals, a system malfunction has occurred. Have the system serviced by your dealership or a qualified technician.

Certain items may cause vehicle starting issues:

- Large metallic objects
- Electronic devices on the key chain that can be used to purchase gasoline or similar items

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- A second key on the same key ring as the **coded key**

If any of these items are present, you need to keep these objects from touching the **coded key** while starting the engine. These objects and devices cannot damage the **coded key,** but can cause a momentary "no start" condition if they are too close to the key during engine start. If a problem occurs, turn ignition OFF and restart the engine with all other objects on the key ring held away from the ignition key. Check to make sure the **coded key** is an approved Mercury **coded key.**

If your keys are lost or stolen you will need to do the following:

- Use your spare key to start the vehicle. or
- Have your vehicle towed to a dealership. The key codes will need to be erased from your vehicle and new key codes will need to be re-coded.

Replacing coded keys can be very costly and you may want to store an extra programmed key away from the vehicle in a safe place to prevent an unforeseen inconvenience.

The correct **coded key** must be used for your vehicle. The use of the wrong type of **coded key** may lead to a "no start" condition.

If an unprogrammed key is used in the ignition it will cause a "no start" condition.

Programming spare keys

A maximum of seven keys can be coded to your vehicle. Only SecuriLock™ keys can be used. To program a **coded key** yourself, you will need two previously programmed **coded keys** (keys that already operate your vehicle's engine) and the new unprogrammed key(s) readily accessible for timely implementation of each step in the procedure.

If two previously programmed coded keys are not available, you must bring your vehicle to your dealership to have the spare coded key(s) programmed.

Please read and understand the entire procedure before you begin.

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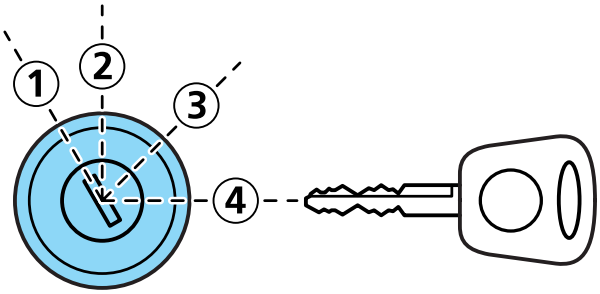

1. Insert the first previously programmed **coded key** into the ignition switch and turn to position **No. 3.**

2. Turn the key back to position **No. 1** and remove from the ignition within 5 seconds.

3. Insert the second previously programmed **coded key** into the ignition switch and turn to position **No. 3** within 3–5 seconds.

4. Turn the key back to position **No. 1** and remove from the ignition within 5 seconds, the key coding mode is now activated.

5. If an uncoded key is now inserted in the ignition switch and turned to position **No. 3** within 10 seconds, this key is coded to the system.

If coding is not completed correctly, indicator light flashes after the ignition is switched on with the newly coded key. Repeat the coding process. This process can be repeated after waiting 20 seconds.

If failure repeats, bring your vehicle to your dealership to have the new spare key(s) programmed.

ANTI-THEFT SYSTEM (IF EQUIPPED)

When armed, the anti-theft system will help prevent your vehicle from unauthorized entry.

If there is any potential perimeter anti-theft problem with your vehicle, ensure **ALL remote entry transmitters** are brought to the dealership, to aid in troubleshooting.

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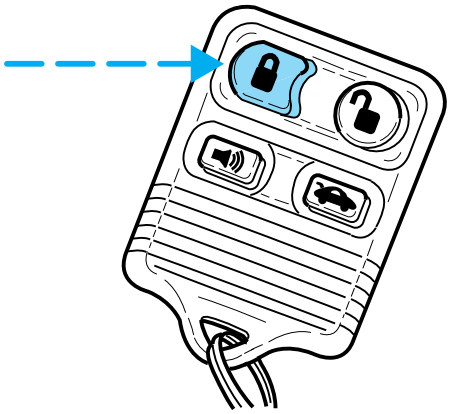
Activation



The system is activated by pressing the control once. The ignition key must be removed from the ignition and the doors, hood and luggage compartment fully closed, to allow activation.

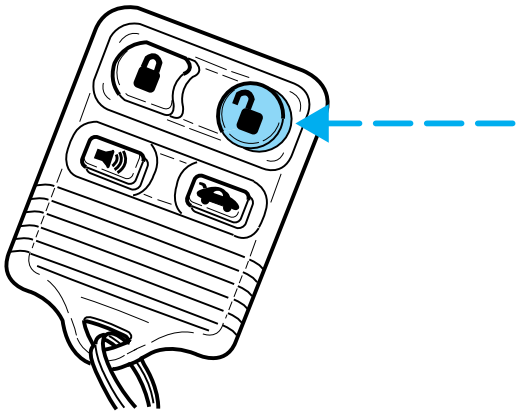
The lamps will flash once to indicate the system is activated. If the lamps do not flash once, the system is not activated.

Arming the system

Opening any door, hood, or luggage compartment will activate the alarm when activated.

When unauthorized entry occurs, the system will flash the turn signal lamps and will sound the horn.

Disarming the system



You can disarm the system by any of the following actions:

- Unlock the doors by using your remote entry transmitter.
- Unlock the door by using your key.

Either of these actions will disarm an Untriggered or Triggered alarm system.

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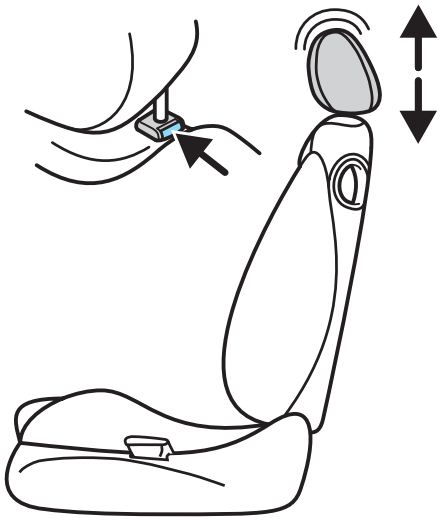
SEATING

Adjustable head restraints (if equipped)

Your vehicle's seats may be equipped with head restraints which are vertically adjustable. The purpose of these head restraints is to help limit head motion in the event of a rear collision. To properly adjust your head restraints, lift the head restraint so that it is located directly behind your head or as close to that position as possible. Refer to the following to raise and lower the head restraints.

Push or pull the head restraint to raise it to the desired height. To lower, push the button in the collar around the stem.



Adjusting the front manual seat

Never adjust the driver's seat or seatback when the vehicle is moving.

Do not pile cargo higher than the seatbacks to reduce the risk of injuring people in a collision or sudden stop.

Do not place any objects behind the seat which could prevent the engagement of the seat lock.

Always drive and ride with your seatback upright and the lap belt snug and low across the hips.

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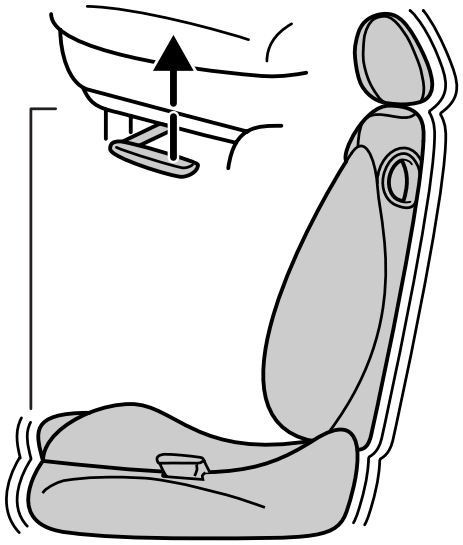
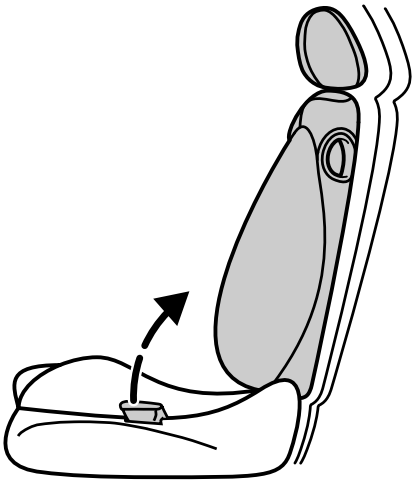
Reclining the seatback can cause an occupant to slide under the seat's safety belt, resulting in severe personal injuries in the event of a collision.

Pull the lever located under the front edge of the seat to move the seat forward or backward.



To recline the seat, pull the lever on the outside of the seat.



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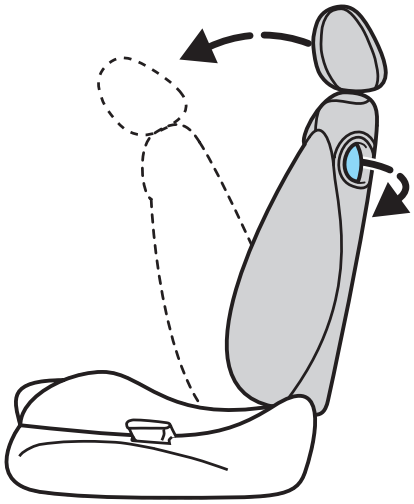
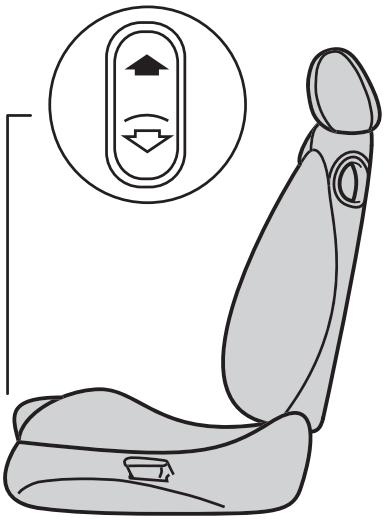
To lean the seatback forward, pull the lever on the outside of the seatback.

Fold back the seatback until it locks with a distinct “click” and slide the seat backwards until it locks in position. Rock the seat to ensure that the catch is securely engaged.



Adjusting the power seats (if equipped)

To adjust the height of the seat, push the control up or down. The control is located on the left front corner of the seat.



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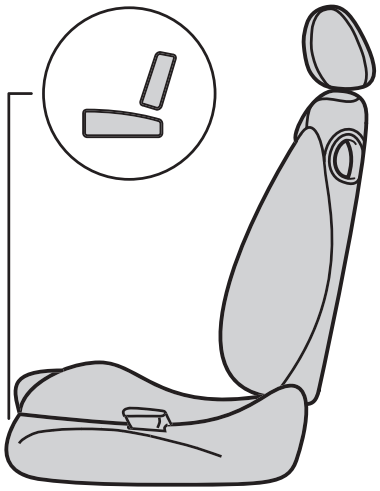
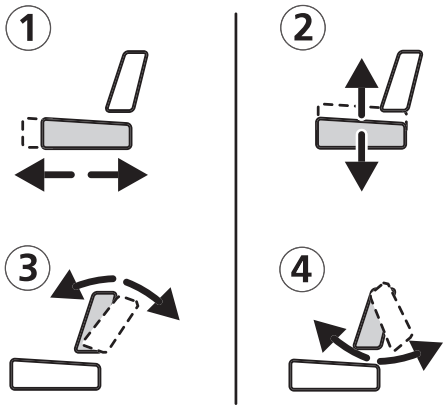
To adjust the power seat, move the control located on the left front corner of the seat. Move the control in the respective direction to adjust the seat, seat back and lumbar as follows:



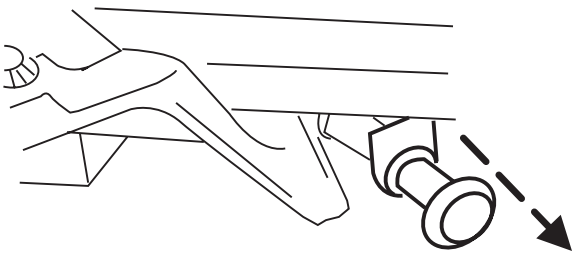
1. Move the seat forward and backward
2. Adjust the height of the entire seat
3. Incline or recline the seatback
4. Adjust the lumbar support



FOLDING REAR SEATS

To avoid injury to rear seat occupants when closing the liftgate, ensure that the head of any rear seat occupant is not in the path of the closing liftgate. Request that the occupants, especially taller occupants, lean forward and under the roof structure to avoid making contact with the closing liftgate. Close the liftgate carefully.

Pull the release knob located in the luggage compartment. Fold down the seat.



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To raise the rear seatback, push the seatback upward until it locks in place. Make sure it is firmly latched by pushing forward and back on it.

Check to see that the seat and seatback are latched securely in position. Keep luggage area of objects that would prevent proper engagement.

SAFETY RESTRAINTS

Safety restraints precautions

Always drive and ride with your seatback upright and the lap belt snug and low across the hips.

To reduce the risk of injury, make sure children sit where they can be properly restrained.

Never let a passenger hold a child on his or her lap while the vehicle is moving. The passenger cannot protect the child from injury in a collision.

All occupants of the vehicle, including the driver, should always properly wear their safety belts, even when an air bag (SRS) is provided.

It is extremely dangerous to ride in a cargo area, inside or outside of a vehicle. In a collision, people riding in these areas are more likely to be seriously injured or killed. Do not allow people to ride in any area of your vehicle that is not equipped with seats and safety belts. Be sure everyone in your vehicle is in a seat and using a safety belt properly.

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In a rollover crash, an unbelted person is significantly more likely to die than a person wearing a safety belt.

Always transport children 12 years old and under in the back seat and always properly use appropriate child restraints.

Reclining the seatback can cause an occupant to slide under the seat's safety belt, resulting in severe personal injuries in the event of a collision.

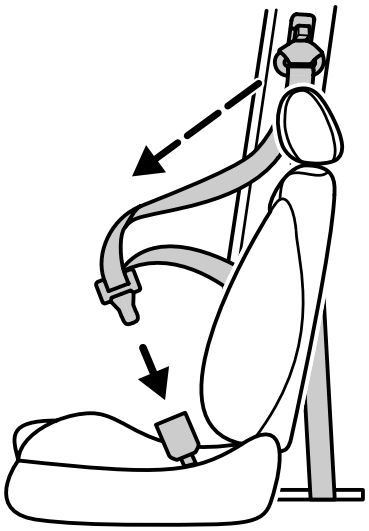
In the event of a collision resulting in the deployment of the front air bags, the front safety belts must be replaced.

Combination lap and shoulder belt

To fasten, insert the tongue into the slot in the buckle until you hear it snap and feel it lock.

To unfasten, push the release button and remove the tongue from the slot.

The safety restraints in the vehicle are combination lap and shoulder belts. The front and rear seat passenger safety belts have two types of locking modes.



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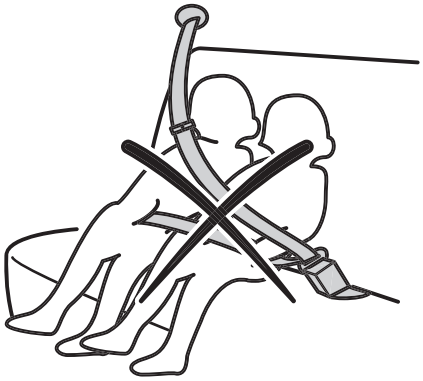
Each seating position in your vehicle has a specific safety belt assembly which is made up of one buckle and one tongue that are designed to be used as a pair.

1. Use the shoulder belt on the outside shoulder only. Never wear the shoulder belt under the arm.

2. Never swing the safety belt around your neck over the inside shoulder.

3. Never use a single belt for more than one person.



Energy management feature

- This vehicle has a seat belt system with an energy management feature at the front outboard seating positions to help further reduce the risk of injury in the event of a head-on collision.
- This seat belt system has a retractor assembly that is designed to pay out webbing in a controlled manner. This feature is designed to help reduce the belt force acting on the occupant's chest.

Vehicle sensitive mode

The vehicle sensitive mode is the normal retractor mode, allowing free shoulder belt length adjustment to your movements and locking in response to vehicle movement. For example, if the driver brakes suddenly or turns a corner sharply, or the vehicle receives an impact of approximately 8 km/h (5 mph) or more, the combination safety belts will lock to help reduce forward movement of the driver and passengers.

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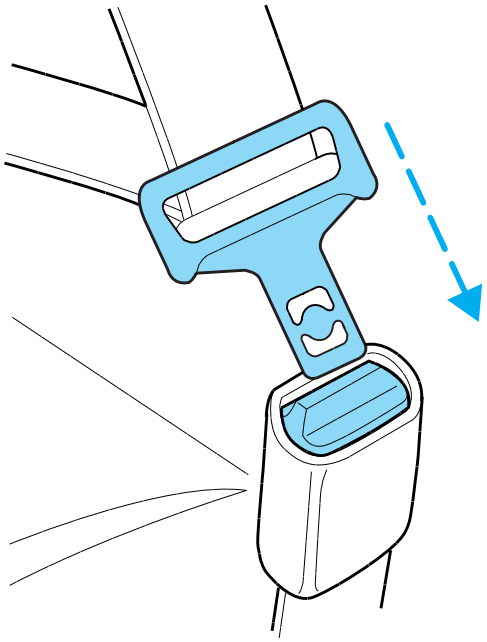
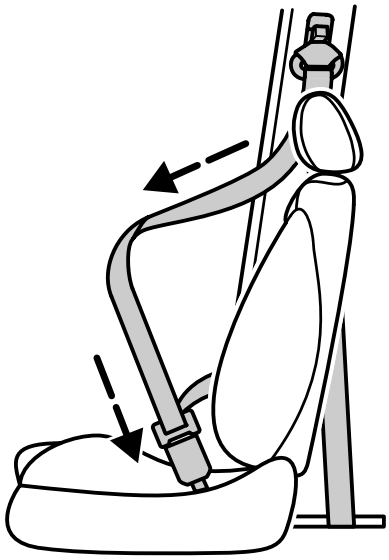
Automatic locking mode

How to use the automatic locking mode

- Buckle the combination lap and shoulder belt.



- Grasp the shoulder portion and pull downward until the entire belt is extracted.



- Allow the belt to retract. As the belt retracts, you will hear a clicking sound. This indicates the safety belt is now in the automatic locking mode.

In this mode, the shoulder belt is automatically pre-locked. The belt will still retract to remove any slack in the shoulder belt.

The automatic locking mode is not available on the driver safety belt.

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When to use the automatic locking mode

- When a tight lap and shoulder belt fit is desired.
- **Any time** a child safety seat is installed in a passenger front or outboard rear seating position (if equipped). Children 12 years old and under should be properly restrained in the rear seat whenever possible. Refer to *Safety restraints for children* or *Safety seats for children* later in this chapter.

How to disengage the automatic locking mode

Ford Motor Company recommends that all safety belt assemblies and attaching hardware should be inspected by a qualified technician after any collision. Safety belt assemblies not in use during a collision should also be inspected and replaced if either damage or improper operation is noted.

Disconnect the combination lap/shoulder belt and allow it to retract completely to disengage the automatic locking mode and activate the vehicle sensitive (emergency) locking mode.

After any vehicle collision, the seat belt system at all outboard seating positions (except driver, which has no “automatic locking retractor” feature) must be checked by a qualified technician to verify that the “automatic locking retractor” feature for child seats is still functioning properly. In addition, all seat belts should be checked for proper function.

BELT AND RETRACTOR ASSEMBLY MUST BE REPLACED if the seat belt assembly “automatic locking retractor” feature or any other seat belt function is not operating properly when checked according to the procedures in Workshop Manual.

Failure to replace the Belt and Retractor assembly could increase the risk of injury in collisions.

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Front safety belt height adjustment

To lower the height of the shoulder belt:

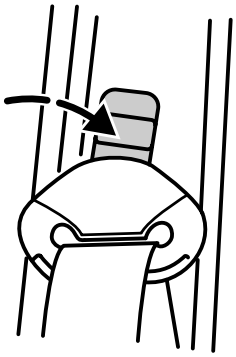
4. Push the release control lever down.

5. Slide the seat belt loop down.

To raise the height of the shoulder belt:

1. Slide the seat belt loop upwards.

2. Pull down on the seat belt loop to make sure that it is locked in place.



Position the safety belt height adjusters so that the belt rests across the middle of your shoulder. Failure to adjust the safety belt properly could reduce the effectiveness of the seat belt and increase the risk of injury in a collision.

Safety belt warning light and indicator chime

The seat belt warning light illuminates in the instrument cluster and a chime sounds to remind the occupants to fasten their safety belts.

Conditions of operation

If...	Then...
The driver's safety belt is not buckled before the ignition switch is turned to the ON position...	The safety belt warning light illuminates 1-2 minutes and the warning chime sounds 4-8 seconds.
The driver's safety belt is buckled while the indicator light is illuminated and the warning chime is sounding...	The safety belt warning light and warning chime turn off.
The driver's safety belt is buckled before the ignition switch is turned to the ON position...	The safety belt warning light and indicator chime remain off.

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BeltMinder

The BeltMinder feature is a supplemental warning to the safety belt warning function. This feature provides additional reminders to the driver that the driver's safety belt is unbuckled by intermittently sounding a chime and illuminating the safety belt warning lamp in the instrument cluster once the vehicle speed has exceeded 5 km/h (3mph).

If...	Then...
The driver's safety belt is not buckled approximately 5 seconds after the safety belt warning light has turned off...	The BeltMinder feature is activated - the safety belt warning light illuminates and the warning chime sounds for 6 seconds every 30 seconds, repeating for approximately 5 minutes or until safety belt is buckled.
The driver's safety belt is buckled while the safety belt indicator light is illuminated and the safety belt warning chime is sounding...	The BeltMinder feature will not activate.
The driver's safety belt is buckled before the ignition switch is turned to the ON position...	The BeltMinder feature will not activate.

The purpose of the BeltMinder is to remind occasional wearers to wear safety belts all of the time.

The following are reasons most often given for not wearing safety belts: (All statistics based on U.S. data)

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Reasons given...	Consider...
"Crashes are rare events"	**36 700 crashes occur every day.** The more we drive, the more we are exposed to "rare" events, even for good drivers. *1 in 4 of us will be seriously injured in a crash during our lifetime.*
"I'm not going far"	**3 of 4** fatal crashes occur within **25** miles of home.
"Belts are uncomfortable"	We design our safety belts to enhance comfort. If you are uncomfortable - try different positions for the safety belt upper anchorage and seatback which should be as upright as possible; this can improve comfort.
"I was in a hurry"	**Prime time for an accident.** BeltMinder reminds us to take a few seconds to buckle up.
"Seat belts don't work"	**Safety belts,** when used properly, **reduce risk of death** to front seat occupants by **45% in cars,** and by **60% in light trucks.**
"Traffic is light"	**Nearly 1 of 2 deaths occur in single-vehicle crashes,** many when no other vehicles are around.
"Belts wrinkle my clothes"	Possibly, but a serious crash can do much more than wrinkle your clothes, particularly if you are unbelted.
"The people I'm with don't wear belts"	Set the example, teen deaths occur 4 times more often in vehicles with TWO or MORE people. Children and younger brothers/sisters imitate behavior they see.

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Reasons given...	Consider...
"I have an air bag"	Air bags offer greater protection when used with safety belts. Frontal airbags are not designed to inflate in rear and side crashes or rollovers.
"I'd rather be thrown clear"	Not a good idea. **People** who are **ejected are 40 times more likely to DIE.** Safety belts help prevent ejection, WE CAN'T "PICK OUR CRASH".

Do not sit on top of a buckled safety belt to avoid the Belt Minder chime. Sitting on the safety belt will increase the risk of injury in an accident. To disable (one-time) or deactivate the Belt Minder feature please follow the directions stated below.

One time disable

Any time the safety belt is buckled and then unbuckled during an ignition ON cycle, BeltMinder will be disabled for that ignition cycle only.

Deactivating/activating the BeltMinder feature

Read steps 1 - 9 thoroughly before proceeding with the deactivation/activation programming procedure.

The BeltMinder feature can be deactivated/activated by performing the following procedure:

Before following the procedure, make sure that:

- The parking brake is set.
- The gearshift is in P (Park) (automatic transmission) or the neutral position (manual transmission).
- The ignition switch is in the OFF position.
- All vehicle doors are closed.
- The driver's safety belt is unbuckled.
- The parklamps/headlamps are in OFF position (If vehicle is equipped with Autolamps, this will not affect the procedure).

To reduce the risk of injury, do not deactivate/activate the Belt Minder feature while driving the vehicle.

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BeltMinder activation and deactivation procedure

1. Turn the ignition switch to the RUN (or ON) position. (DO NOT START THE ENGINE.)

2. Wait until the safety belt warning light turns off. (Approximately 1–2 minutes.)

- Steps 3–5 must be completed within 60 seconds or the procedure will have to be repeated.

3. Buckle then unbuckle the safety belt three times, ending with the safety belt unbuckled. This can be done before or during BeltMinder warning activation.

4. Turn on the parklamps/headlamps, turn off the parklamps/headlamps.

5. Buckle then unbuckle the safety belt three times, ending with the safety belt unbuckled.

- After step 5 the safety belt warning light will be turned on for three seconds.

6. Within seven seconds of the safety belt warning light turning off, buckle then unbuckle the safety belt.

- This will disable BeltMinder if it is currently enabled, or enable BeltMinder if it is currently disabled.

7. Confirmation of disabling BeltMinder is provided by the safety belt warning light flashing four times per second for three seconds.

8. Confirmation of enabling BeltMinder is provided by:

- The safety belt warning light flashing four times per second for three seconds.
- Followed by three seconds with the safety belt warning light off.
- Once again, the safety belt warning light will flash four times per second for three seconds.

9. After receiving confirmation, the deactivation/activation procedure is complete.

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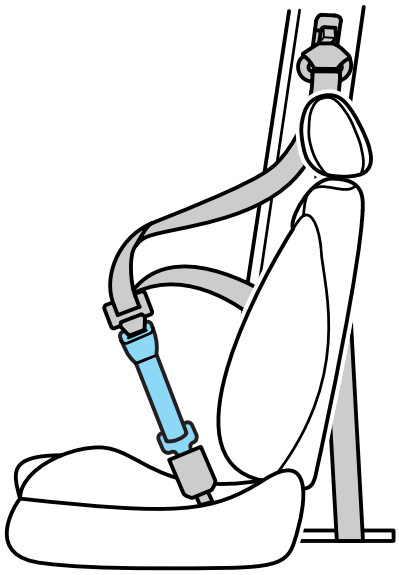
Safety belt extension assembly



If the safety belt is too short when fully extended, there is a 20 cm (8 inch) safety belt extension assembly that can be added (part number 611C22). This assembly can be obtained from your dealer at no cost.

Use only extensions manufactured by the same supplier as the safety belt. Manufacturer identification is located at the end of the webbing on the label. Also, use the safety belt extension only if the safety belt is too short for you when fully extended. Do not use extensions to change the fit of the shoulder belt across the torso.

Safety belt maintenance

Inspect the safety belt systems periodically to make sure they work properly and are not damaged. Inspect the safety belts to make sure there are no nicks, tears or cuts. Replace if necessary. All safety belt assemblies, including retractors, buckles, front seat belt buckle assemblies, buckle support assemblies (slide bar-if equipped), shoulder belt height adjusters (if equipped), shoulder belt guide on seatback (if equipped), child safety seat tether bracket assemblies (if equipped), LATCH child seat tether anchors and lower anchors (if equipped), and attaching hardware, should be inspected after a collision.

Ford recommends that all safety belt assemblies used in vehicles involved in a collision be replaced. However, if the collision was minor and a qualified technician finds that the belts do not show damage and continue to operate properly, they do not need to be replaced. Safety belt assemblies not in use during a collision should also be inspected and replaced if either damage or improper operation is noted.

Due to the energy management feature on the front safety belts, the safety belts **must** be replaced after any collision causing the deployment of the front air bags.

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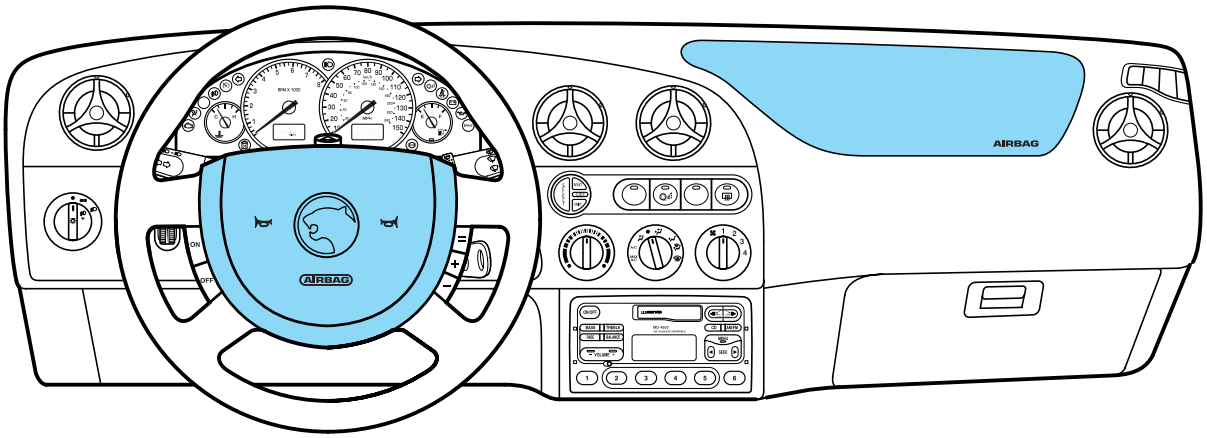
Failure to inspect and if necessary replace the safety belt assembly under the above conditions could result in severe personal injuries in the event of a collision.

Refer to *Cleaning and maintaining the safety belts* in the *Cleaning* chapter.

AIR BAG SUPPLEMENTAL RESTRAINT SYSTEM (SRS)



The supplemental restraint system is designed to work with the safety belt to help protect the driver and right front passenger from certain upper body injuries.

Air bags **DO NOT** inflate slowly or gently, and the risk of injury from a deploying air bag is the greatest close to the trim covering the air bag module.

Your vehicle is equipped with a crash sensing and diagnostic module which records information about the air bag and sensor systems. In the event of a collision this module may save information related to the collision including information about the air bag system and impact severity. This information will assist Ford Motor Company in servicing the vehicle and in helping to better understand real world collisions and further improve the safety of future vehicles.

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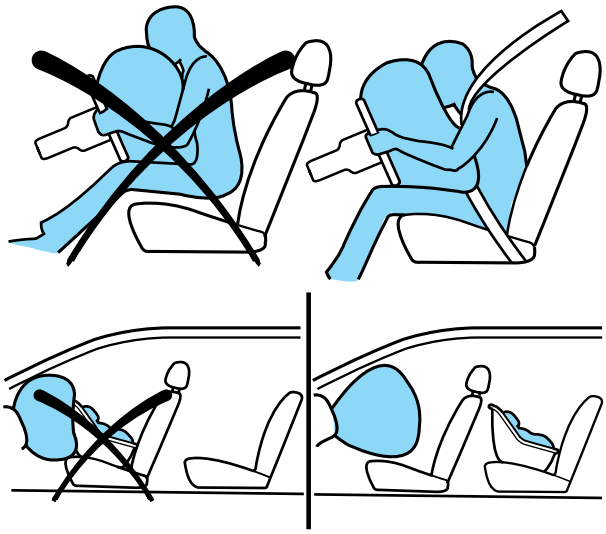
Important supplemental restraint system (SRS) precautions

The supplemental restraint system is designed to work with the safety belt to help protect the driver and right front passenger from certain upper body injuries.

Air bags DO NOT inflate slowly or gently and the risk of injury from a deploying air bag is greatest close to the trim covering the air bag module.



All occupants of the vehicle, including the driver, should always properly wear their safety belts, even when an air bag (SRS) is provided.

Always transport children 12 years old and under in the back seat and always properly use appropriate child restraints.

National Highway Traffic Safety Administration (NHTSA) recommends a minimum distance of at least 25 cm (10 inches) between an occupant's chest and the driver air bag module.

Never place your arm over the air bag module as a deploying air bag can result in serious arm fractures or other injuries.

Steps you can take to properly position yourself away from the air bag:

- Move your seat to the rear as far as you can while still reaching the pedals comfortably.
- Recline the seat slightly (one or two degrees) from the upright position.

Do not put anything on or over the air bag module. Placing objects on or over the air bag inflation area may cause those objects to be propelled by the air bag into your face and torso causing serious injury.

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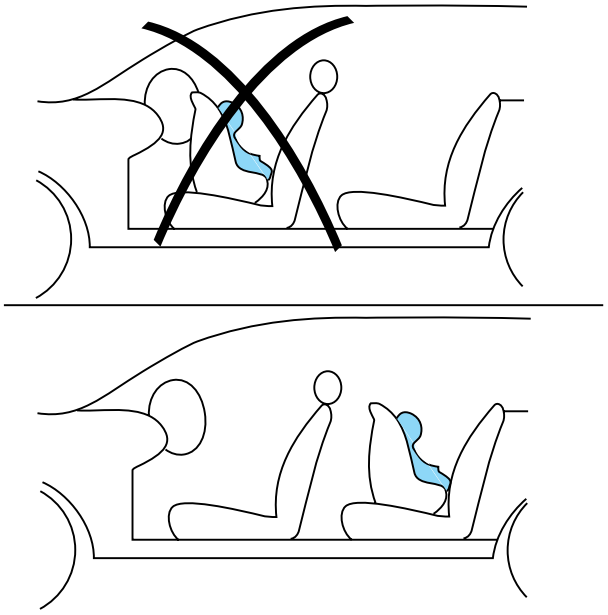
Do not attempt to service, repair, or modify the air bag supplemental restraint systems or its fuses. See your Ford or Lincoln Mercury dealer.

Modifications to the front end of the vehicle, including frame, bumper, front end body structure and tow hooks may affect the performance of the air bag sensors increasing the risk of injury. Do not modify the front end of the vehicle.

Children and air bags

For additional important safety information, read all information on safety restraints in this guide.

Children must always be properly restrained. Accident statistics suggest that children are safer when properly restrained in the rear seating positions than in the front seating position. Failure to follow these instructions may increase the risk of injury in a collision.



Air bags can kill or injure a child in a child seat. **NEVER** place a rear-facing child seat in front of an active air bag. If you must use a forward-facing child seat in the front seat, move the seat all the way back.

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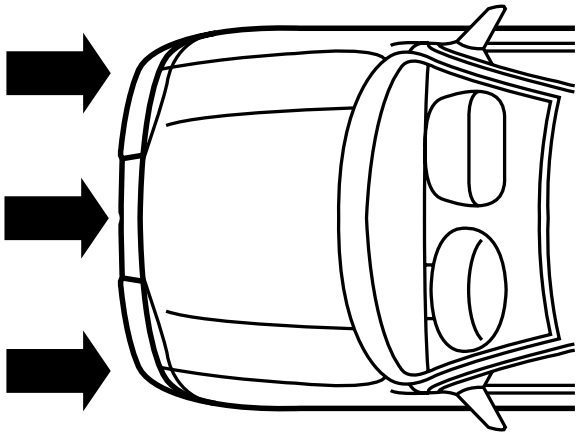
How does the air bag supplemental restraint system work?



The air bag SRS is designed to activate when the vehicle sustains longitudinal deceleration sufficient to cause the sensors to close an electrical circuit that initiates air bag inflation.

The fact that the air bags did not inflate in a collision does not mean that something is wrong with the system. Rather, it means the forces were not of the type sufficient to cause activation. Air bags are designed to inflate in frontal and near-frontal collisions, not rollover, side-impact, or rear-impacts unless the collision causes sufficient longitudinal deceleration.

The air bags inflate and deflate rapidly upon activation. After air bag deployment, it is normal to notice a smoke-like, powdery residue or smell the burnt propellant. This may consist of cornstarch, talcum powder (to lubricate the bag) or sodium compounds (e.g., baking soda) that result from the combustion process that inflates the air bag. Small amounts of sodium hydroxide may be present which may irritate the skin and eyes, but none of the residue is toxic.

While the system is designed to help reduce serious injuries, contact with a deploying air bag may also cause abrasions, swelling or temporary hearing loss. Because air bags must inflate rapidly and with considerable force, there is the risk of death or serious injuries such as fractures, facial and eye injuries or internal injuries, particularly to occupants who are not properly restrained or are otherwise out of position at the time of air bag deployment. Thus, it is extremely important that occupants be properly restrained as far away from the air bag module as possible while maintaining vehicle control.

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The SRS consists of:

- driver and passenger air bag modules (which include the inflators and air bags)
- one or more impact and safing sensors
- a readiness light and tone
- a diagnostic module
- and the electrical wiring which connects the components

The diagnostic module monitors its own internal circuits and the supplemental air bag electrical system warning (including the impact sensors), the system wiring, the air bag system readiness light, the air bag back up power and the air bag ignitors.

Several air bag system components get hot after inflation. Do not touch them after inflation.

If the air bag has deployed, **the air bag will not function again and must be replaced immediately.** If the air bag is not replaced, the unrepaired area will increase the risk of injury in a collision.

Determining if the system is operational

The SRS uses a readiness light in the instrument cluster or a tone to indicate the condition of the system. Refer to *Air bag readiness* section in the *Instrument cluster* chapter. Routine maintenance of the air bag is not required.

A difficulty with the system is indicated by one or more of the following:

- The readiness light will either flash or stay lit.
- The readiness light will not illuminate immediately after ignition is turned on.
- A series of five beeps will be heard. The tone pattern will repeat periodically until the problem and/or light are repaired.

If any of these things happen, even intermittently, have the SRS serviced at your dealership or by a qualified technician immediately. Unless serviced, the system may not function properly in the event of a collision.

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Side air bag system (if equipped)

Do not place objects or mount equipment on or near the air bag cover on the side of the seatbacks of the front seats or in front seat areas that may come into contact with a deploying air bag. Failure to follow these instructions may increase the risk of personal injury in the event of a collision.

Do not use accessory seat covers. The use of accessory seat covers may prevent the deployment of the side air bags and increase the risk of injury in an accident.

Do not lean your head on the door. The side air bag could injure you as it deploys from the side of the seatback.

Do not attempt to service, repair, or modify the air bag supplemental restraint system, its fuses or the seat cover on a seat containing an air bag. See your Ford or Lincoln Mercury dealer.

All occupants of the vehicle including the driver should always wear their safety belts even when an air bag SRS is provided.

Do not place objects or mount equipment on or near the air bag cover on the side of the seatbacks of the front seats or in front seat areas that may come into contact with a deploying air bag. Failure to follow these instructions may increase the risk of personal injury in the event of a collision.

Do not use accessory seat covers. The use of accessory seat covers may prevent the deployment of the side air bags and increase the risk of injury in an accident.

Do not lean your head on the door. The side air bag could injure you as it deploys from the side of the seatback.

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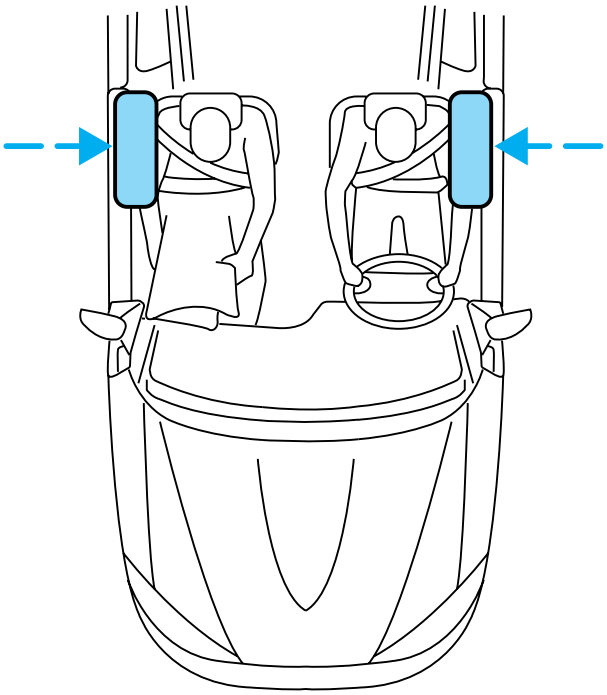
Do not attempt to service, repair, or modify the air bag SRS, its fuses or the seat cover on a seat containing an air bag. See your Ford or Lincoln Mercury dealer.

All occupants of the vehicle should always wear their safety belts even when an air bag SRS is provided.

How does the side air bag system work?

The side air bag system consists of the following:

- An inflatable nylon bag (air bag) with a gas generator concealed behind the outboard bolster of the driver and front passenger seatbacks.
- A special seat cover designed to allow air bag deployment.
- The same warning light, electronic control and diagnostic unit as used for the front air bags.
- Two crash sensors located under the outboard side of the front seats, attached to the floor.



Side air bags, in combination with seat belts, can help reduce the risk of severe injuries in the event of a significant side impact collision.

The side air bags are fitted on the outboard side of the seatbacks of the front seats. In certain lateral collisions, the air bag on the side affected by the collision will be inflated, even if the respective seat is not occupied. The air bag was designed to inflate between the door panel and occupant to further enhance the protection provided occupants in side impact collisions.

The air bag SRS is designed to activate when the vehicle sustains lateral deceleration sufficient to cause the sensors to close an electrical circuit that initiates air bag inflation.

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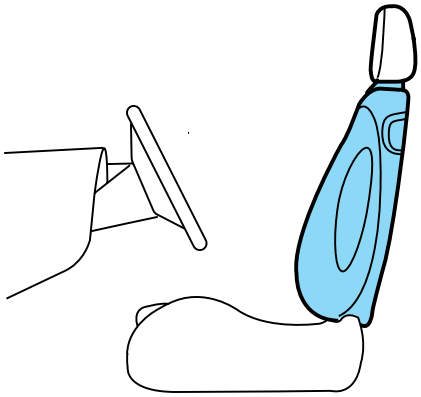
The fact that the air bags did not inflate in a collision does not mean that something is wrong with the system. Rather, it means the forces were not of the type sufficient to cause activation. Side air bags are designed to inflate in side-impact collisions, not roll-over, rear-impact, frontal or near-frontal collisions, unless the collision causes sufficient lateral deceleration.

Several air bag system components get hot after inflation. Do not touch them after inflation.



If the side air bag has deployed, **the air bag will not function again. The side air bag system (including the seat) must be inspected and serviced by a qualified technician in accordance with the vehicle service manual.** If the air bag is not replaced, the unrepaired area will increase the risk of injury in a collision.

Keep the sensors free from contact with water. If water has entered the floor area (i.e., due to flooding conditions) do not start the vehicle until the floor area is dry. Failure to do so may result in a malfunction of the side air bag or inadvertent side air bag deployment.

Determining if the system is operational

The SRS uses a readiness light in the instrument cluster or a tone to indicate the condition of the system. Refer to the *Air bag readiness* section in the *Instrument cluster* chapter. Routine maintenance of the air bag is not required.

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A difficulty with the system is indicated by one or more of the following:

- The readiness light (same light as for front air bag system) will either flash or stay lit.
- The readiness light will not illuminate immediately after ignition is turned on.

If any of these things happen, even intermittently, have the SRS serviced at your dealership or by a qualified technician immediately. Unless serviced, the system may not function properly in the event of a collision.

Disposal of air bags and air bag equipped vehicles (including pretensioners)

For disposal of air bags or air bag equipped vehicles, see your local dealership or qualified technician. Air bags MUST BE disposed of by qualified personnel.

SAFETY RESTRAINTS FOR CHILDREN

See the following sections for directions on how to properly use safety restraints for children. Also see *Air bag supplemental restraint system (SRS)* in this chapter for special instructions about using air bags.

Rear-facing child seats or infant carriers should never be placed in the front seats.

To reduce the risk of injury, make sure children sit where they can be properly restrained.

Always transport children 12 years old and under in the back seat and always use appropriate child restraints.

Accident statistics indicate that children are safer when properly restrained in the rear seats.

Do not leave children, unreliable adults, or pets unattended in your vehicle.

Safety belts and seats can become hot in a vehicle that has been closed up in sunny weather, they could burn a small child. Check seat covers and buckles before you place a child anywhere near them.

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Important child restraint precautions

You are required by law to use safety restraints for children in the U.S. and Canada. If small children ride in your vehicle (generally children who are four years old or younger and who weigh 18 kg [40 lbs] or less), you must put them in safety seats made especially for children. Check your local and state or provincial laws for specific requirements regarding the safety of children in your vehicle.

Never let a passenger hold a child on his or her lap while the vehicle is moving. The passenger cannot protect the child from injury in a collision.

Always follow the instructions and warnings that come with any infant or child restraint you might use.

When possible, always place children under age 12 in the rear seat of your vehicle. Accident statistics suggest that children are safer when properly restrained in the rear seating positions than in the front seating positions.

Children and safety belts

If the child is the proper size, restrain the child in a safety seat.

Children who are too large for child safety seats (as specified by your child safety seat manufacturer) should always wear safety belts.

Follow all the important safety restraint and air bag precautions that apply to adult passengers in your vehicle.

If the shoulder belt portion of a combination lap and shoulder belt can be positioned so it does not cross or rest in front of the child's face or neck, the child should wear the lap and shoulder belt. Moving the child closer to the center of the vehicle may help provide a good shoulder belt fit.

Child booster seats

Children outgrow a typical convertible or toddler seat when they weigh 40 pounds and are around 4 years of age. Although the lap/shoulder belt will provide some protection, these children are still too small for lap/shoulder belts to fit properly, which could increase the risk of serious injury.

To improve the fit of both the lap and shoulder belt on children who have outgrown child safety seats, Ford Motor Company recommends use of a belt-positioning booster.

Booster seats position a child so that safety belts fit better. They lift the child up so that the lap belt rests low across the hips and the knees bend comfortably. Booster seats also make the shoulder belt fit better and more comfortably for growing children.

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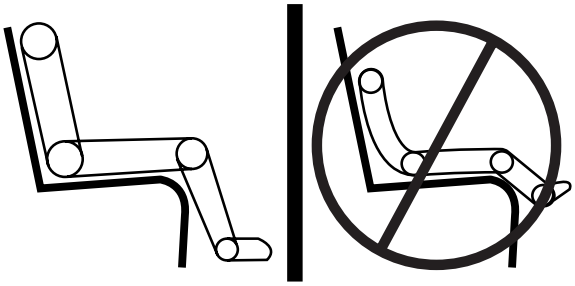
When children should use booster seats

Children need to use booster seats from the time they outgrow the toddler seat until they are big enough for the vehicle seat and lap/shoulder belt to fit properly. Generally this is when they weigh about 80 lbs (about 8 to 12 years old).

Booster seats should be used until you can answer YES to ALL of these questions:

- Can the child sit all the way back against the vehicle seat back with knees bent comfortably at the edge of the seat without slouching?



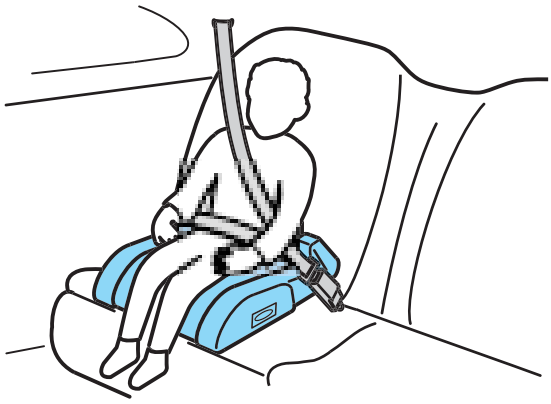
- Does the lap belt rest low across the hips?
- Is the shoulder belt centered on the shoulder and chest?
- Can the child stay seated like this for the whole trip?

Types of booster seats

There are two types of belt-positioning booster seats:

- Those that are backless.

  If your backless booster seat has a removable shield, remove the shield and use the lap/shoulder belt. If a seating position has a low seat back and no head restraint, a backless booster seat may place your child's head (top of ear level) above the top of the seat. In this case, move the backless booster to another seating position with a higher seat back and lap/shoulder belts.



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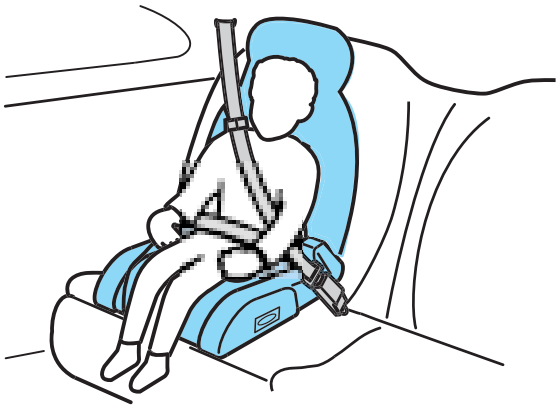
- Those with a high back.

  If, with a backless booster seat, you cannot find a seating position that adequately supports your child's head, a high back booster seat would be a better choice.



Both can be used in any vehicle in a seating position equipped with lap/shoulder belts if your child is over 40 lbs.

The shoulder belt should cross the chest, resting snugly on the center of the shoulder. The lap belt should rest low and snug across the hips, never up high across the stomach.

If the booster seat slides on the vehicle seat, placing a rubberized mesh sold as shelf or carpet liner under the booster seat may improve this condition.

The importance of shoulder belts

Using a booster without a shoulder belt increases the risk of a child's head hitting a hard surface in a collision. For this reason, you should never use a booster seat with a lap belt only. It is best to use a booster seat with lap/shoulder belts in the back seat- the safest place for children to ride.

Follow all instructions provided by the manufacturer of the booster seat.

Never put the shoulder belt under a child's arm or behind the back because it eliminates the protection for the upper part of the body and may increase the risk of injury or death in a collision.

Never use pillows, books, or towels to boost a child. They can slide around and increase the likelihood of injury or death in a collision.

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SAFETY SEATS FOR CHILDREN

Rear-facing child seats or infant carriers should never be placed in the front seats.

Carefully follow all of the manufacturer's instructions included with the safety seat you put in your vehicle. If you do not install and use the safety properly, the child may be injured in a sudden stop or collision.

Child and infant or child safety seats

Use a safety seat that is recommended for the size and weight of the child.

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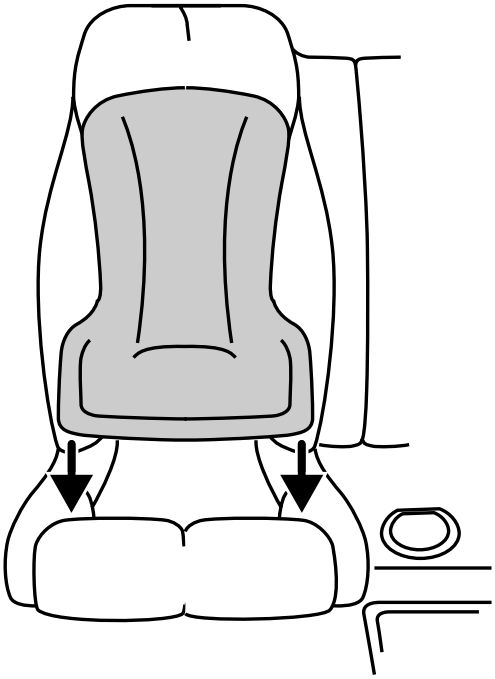
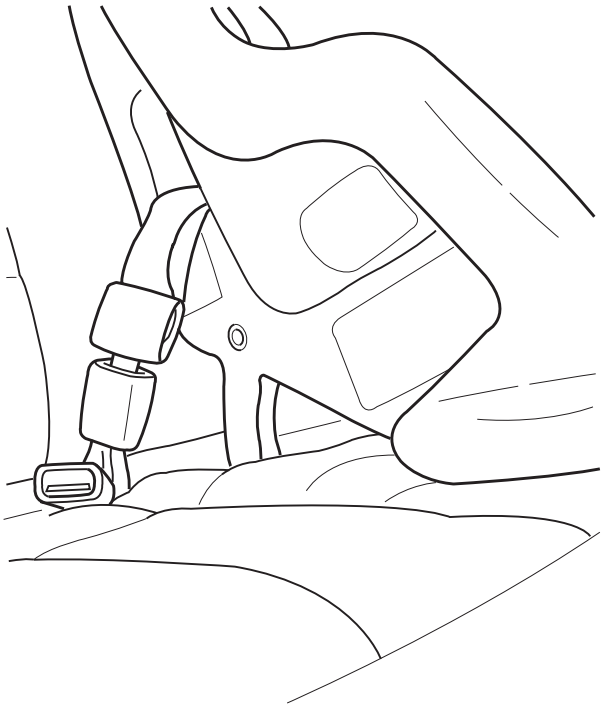
The best fit can be obtained with a child safety seat that has a base wide enough to span the depression of the rear seat so that it rests on the highest part of the seat cushion.

Carefully follow all of the manufacturer's instructions with the safety seat you put in your vehicle. If you do not install and use the safety seat properly, the child may be injured in a sudden stop or collision.



When installing a child safety seat:

- Review and follow the information presented in the *Air bag supplemental restraint system* section in this chapter.
- Use the correct safety belt buckle for that seating position.
- Insert the belt tongue into the proper buckle until you hear a snap and feel it latch. Make sure the tongue is securely fastened in the buckle.
- Keep the buckle release button pointing up and away from the safety seat, with the tongue between the child seat and the release button, to prevent accidental unbuckling.



- Place seat back in upright position.
- Put the safety belt in the automatic locking mode. Refer to *Automatic locking mode*.

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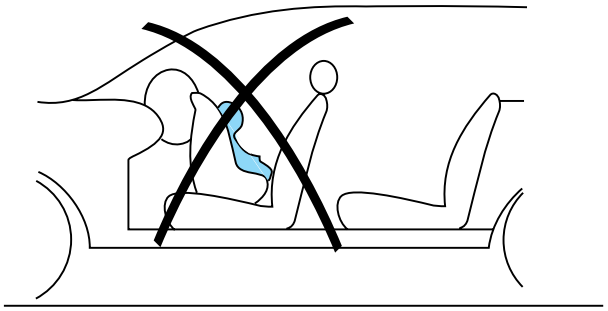
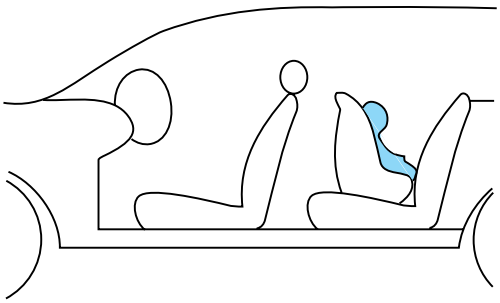
Ford recommends the use of a child safety seat having a top tether strap. Install the child safety seat in a seating position which is capable of providing a tether anchorage. For more information on top tether straps, refer to *Attaching safety seats with tether straps* in this chapter.

Carefully follow all of the manufacturer's instructions included with the safety seat you put in your vehicle. If you do not install and use the safety seat properly, the child may be injured in a sudden stop or collision.

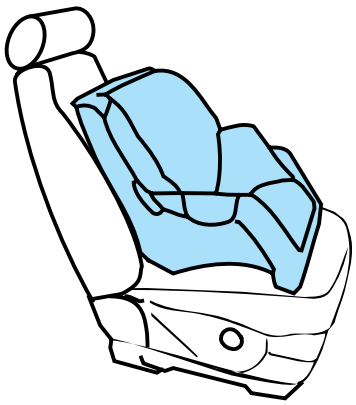
Installing child safety seats in combination lap and shoulder belt seating positions

Ford recommends that you properly secure children in the rear seat whenever possible. If you must use a forward-facing child seat in the front seat, move the passenger seat as far back from the instrument panel as possible. Never secure rear-facing infant seats in the front seat.





1. Position the child safety seat in a seat with a combination lap and shoulder belt.



Children 12 and under should be properly restrained in the rear seat whenever possible.

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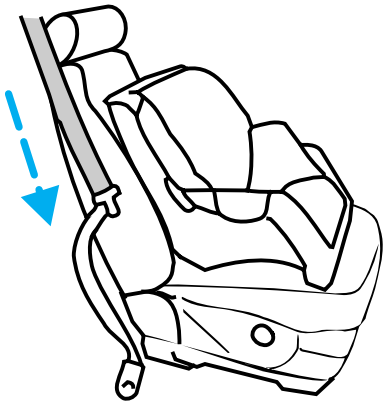
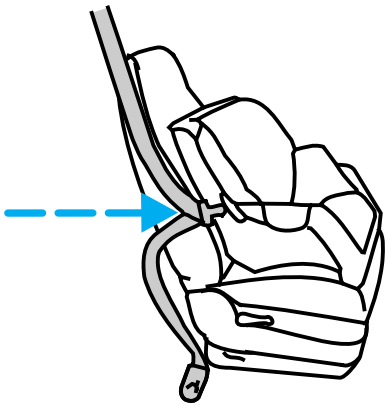
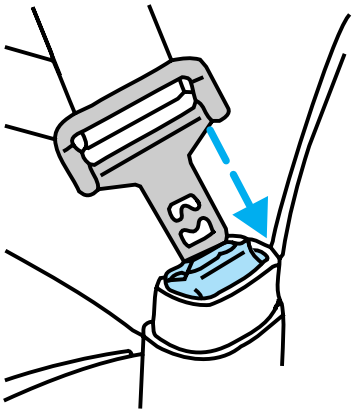
2. Pull down on the shoulder belt and then grasp the shoulder belt and lap belt together.



3. While holding the shoulder and lap belt portions together, route the tongue through the child seat according to the child seat manufacturer's instructions. Be sure the belt webbing is not twisted.



4. Insert the belt tongue into the proper buckle (the buckle closest to the direction the tongue is coming from) for that seating position until you hear a snap and feel the latch engage. Make sure the tongue is latched securely by pulling on it.



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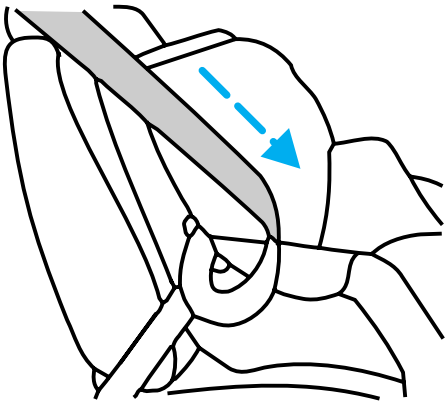
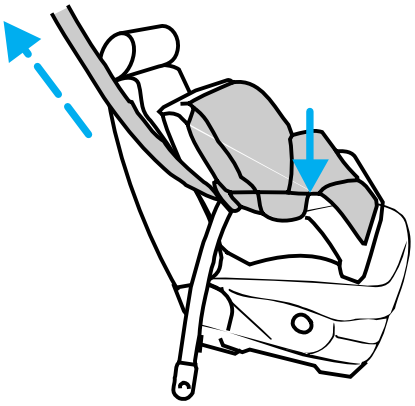
5. To put the retractor in the automatic locking mode, grasp the shoulder portion of the belt and pull downward until all of the belt is extracted and a click is heard.



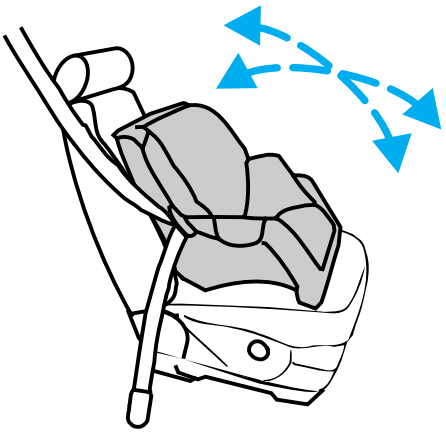
6. Allow the belt to retract. The belt will click as it retracts to indicate it is in the automatic locking mode.

7. Pull the lap belt portion across the child seat toward the buckle and pull up on the shoulder belt while pushing down with your knee on the child seat.



8. Allow the safety belt to retract to remove any slack in the belt.

9. Before placing the child in the seat, forcibly tilt the seat forward and back to make sure the seat is securely held in place. To check this, grab the seat at the belt path and attempt to move it side to side and forward and back. There should be no more than one inch of movement for proper installation.



10. Try to pull the belt out of the retractor to make sure the retractor is in the automatic locking mode (you should not be able to pull more belt out). If the retractor is not locked, unbuckle the belt and repeat steps two through nine.

Check to make sure the child seat is properly secured before each use.

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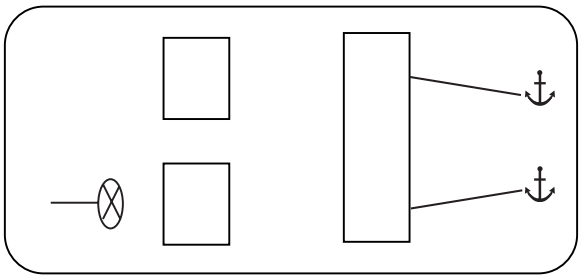
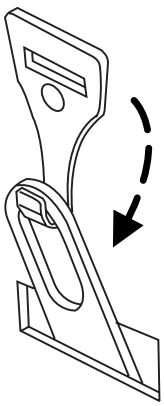
Attaching child safety seats with tether straps

Most new forward-facing child safety seats include a tether strap which goes over the back of the seat and hooks to an anchoring point. Tether straps are available as an accessory for many older safety seats. Contact the manufacturer of your child seat for information about ordering a tether strap.

The tether strap anchors in your vehicle are in the following positions (shown from top view):



Attach the tether strap only to the appropriate tether anchor as shown. The tether strap may not work properly if attached somewhere other than the correct tether anchor.



1. Position the child safety seat on the seat cushion.
2. Route the child safety seat tether strap over the back of the seat. Remove the cargo cover over the luggage area from the vehicle. For vehicles with moveable head restraints, route the tether strap under the head restraint posts if you can. Otherwise, route the tether strap over the top of the seatback.
3. Locate the correct anchor for the selected seating position as shown previously.
4. Clip the tether strap to the anchor.
5. Refer to *Installing child safety seats in combination lap and shoulder belt* section of this chapter for further instructions to secure the child safety seat.

If the safety seat is not anchored properly, the risk of a child being injured in a collision greatly increases.

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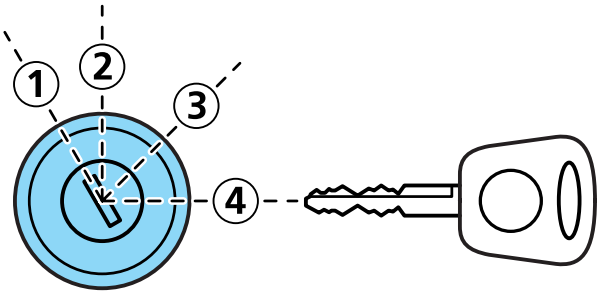
STARTING

Positions of the ignition



1. LOCK, locks the steering wheel, gearshift lever (automatic transaxle only) and allows key removal. On vehicles with a manual transaxle push the key in while turning to lock.

2. ACCESSORY, allows the electrical accessories such as the radio to operate while the engine is not running.

3. ON, all electrical circuits operational. Warning lights illuminated. Key position when driving.

4. START, cranks the engine. Release the key as soon as the engine starts.

Preparing to start your vehicle

Engine starting is controlled by the powertrain control system. This system meets all Canadian Interference-Causing Equipment standard requirements regulating the impulse electrical field strength of radio noise.

When starting a fuel-injected engine, avoid pressing the accelerator before or during starting. Only use the accelerator when you have difficulty starting the engine. For more information on starting the vehicle, refer to *Starting the engine* in this chapter.

Extended idling at high engine speeds can produce very high temperatures in the engine and exhaust system, creating the risk of fire or other damage.

Do not park, idle, or drive your vehicle in dry grass or other dry ground cover. The emission system heats up the engine compartment and exhaust system, which can start a fire.

Do not start your vehicle in a closed garage or in other enclosed areas. Exhaust fumes can be toxic. Always open the garage door before you start the engine. See *Guarding against exhaust fumes* in this chapter for more instructions.

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If you smell exhaust fumes inside your vehicle, have your dealer inspect your vehicle immediately. Do not drive if you smell exhaust fumes.

Important safety precautions

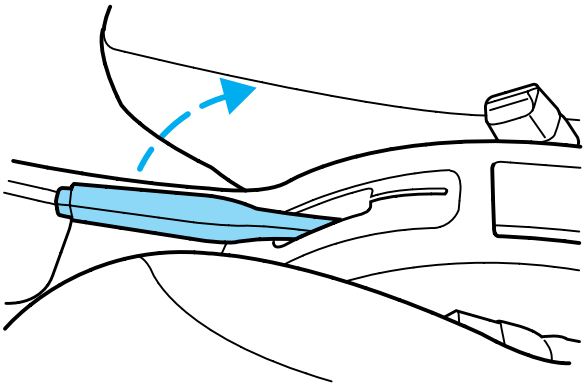
A computer system controls the engine's idle revolutions per minute (RPM). When the engine starts, the idle RPM runs faster to warm the engine. If the engine idle speed does not slow down automatically, have the vehicle checked. Do not allow the vehicle to idle for more than 10 minutes at the higher RPM.

Before starting the vehicle:

1. Make sure all vehicle occupants have buckled their safety belts. For more information on safety belts and their proper usage, refer to the *Seating and safety restraints* chapter.

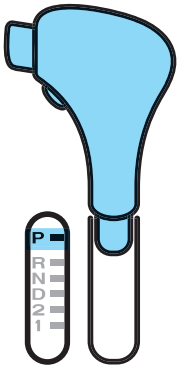
2. Make sure the headlamps and vehicle accessories are off.

3. Make sure the parking brake is set.



If starting a vehicle with an automatic transaxle:

- Make sure the gearshift is in P (Park).



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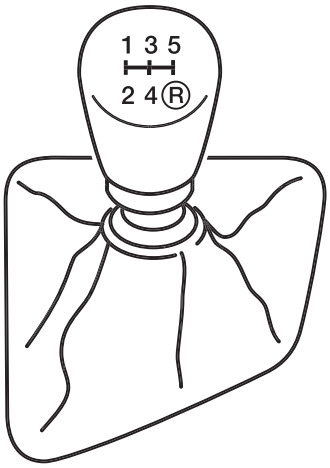
If starting a vehicle with a manual transaxle:

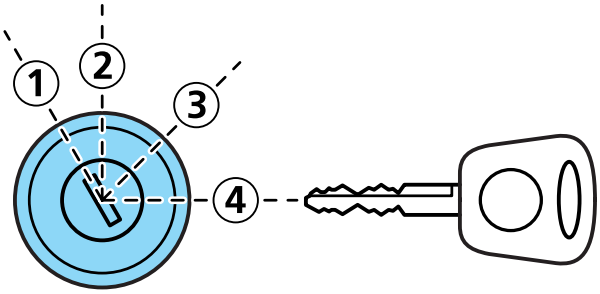
- Push the clutch pedal to the floor, put the gearshift in neutral.

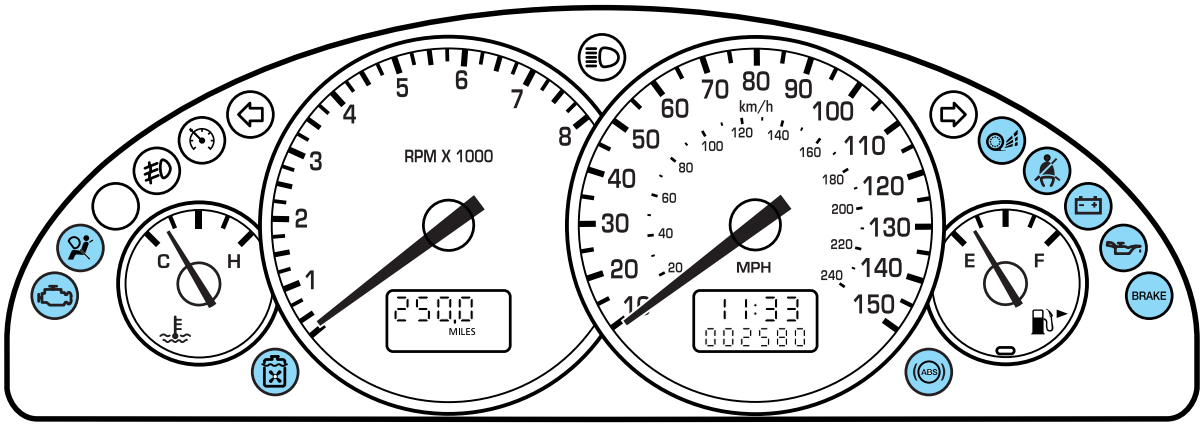


4. Turn the key to 3 (ON) without turning the key to 4 (START).

If there is difficulty in turning the key, firmly rotate the steering wheel left and right until the key turns freely. This condition may occur when:

- front wheels are turned
- front wheel is against the curb
- steering wheel is turned when getting in or out of the vehicle





Make sure the corresponding lights illuminate or illuminate briefly. If a light fails to illuminate, have the vehicle serviced.

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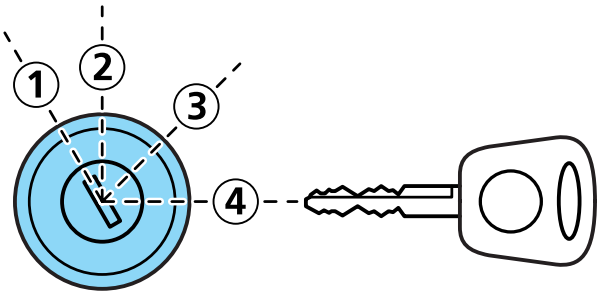
- If the driver's safety belt is fastened, the light may not illuminate.

Starting the engine

Note: Whenever you start your vehicle, release the key as soon as the engine starts. Excessive cranking could damage the starter.

1. Turn the key to 4 (START) without pressing the accelerator pedal and release as soon as the engine starts. The key will return to 3 (ON).



2. If the temperature is above –12° C (10° F) and the engine does not start within five seconds on the first try, turn the key to OFF, wait 10 seconds and try again.

3. If the temperature is below -12° C (10° F) and the engine does not start in 15 seconds on the first try, turn the key OFF and wait 10 seconds and try again. If the engine does not start in two attempts, Press the accelerator pedal all the way to floor and hold. Turn the key to START position.

4. When the engine starts, release the key, then release the accelerator pedal gradually as the engine speeds up.

5. After idling for a few seconds, apply the brake, shift into gear and drive.

Using the engine block heater (if equipped)

An engine block heater warms the engine coolant, which improves starting, warms up the engine faster and allows the heater-defroster system to respond quickly. Use of an engine block heater is strongly recommended if you live in a region where temperatures reach -23° C (-10° F) or below.

For best results, plug the heater in at least three hours before starting the vehicle. Using the heater for longer than three hours will not harm the engine, so the heater can be plugged in the night before starting the vehicle.

To prevent electrical shock, do not use your heater with ungrounded electrical systems or two-pronged (cheater) adapters.

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Guarding against exhaust fumes

Although odorless and colorless, carbon monoxide is present in exhaust fumes. Take precautions to avoid its dangerous effects.

If you ever smell exhaust fumes of any kind inside your vehicle, have your dealer inspect and fix your vehicle immediately. Do not drive if you smell exhaust fumes. These fumes are harmful and could kill you.

Have the exhaust and body ventilation systems checked whenever:

- the vehicle is raised for service.
- the sound of the exhaust system changes.
- the vehicle has been damaged in a collision.

WARNING: Engine exhaust, some of its constituents, and certain vehicle components contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. In addition, certain fluids contained in vehicles and certain products of component wear contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Important ventilating information

If the engine is idling while the vehicle is stopped in an open area for long periods of time, open the windows at least 2.5 cm (one inch).

Adjust the heating or air conditioning (if equipped) to bring in fresh air.

Improve vehicle ventilation by keeping all air inlet vents clear of snow, leaves and other debris.

BRAKES

Your service brakes are self-adjusting. Refer to the scheduled maintenance guide for scheduled maintenance.

Occasional brake noise is normal and often does not indicate a performance concern with the vehicle's brake system. In normal operation, automotive brake systems may emit occasional or intermittent squeal or groan noises when the brakes are applied. Such noises are usually heard during the first few brake applications in the morning; however, they may be heard at any time while braking and can be aggravated by environmental conditions such as cold, heat, moisture,

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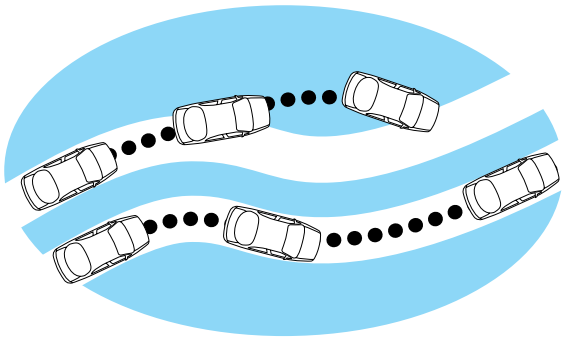
road dust, salt or mud. If a “metal-to-metal,” “continuous grinding” or “continuous squeal” sound is present while braking, the brake linings may be worn-out and should be inspected by a qualified service technician.

If you are driving down a long or steep hill, shift to a lower gear. Do not apply your brakes continuously, as they may overheat and become less effective.

Anti-lock brake system (ABS) (if equipped)

On vehicles equipped with an anti-lock braking system (ABS), a noise from the hydraulic pump motor and pulsation in the pedal may be observed during ABS braking events. Pedal pulsation coupled with noise while braking under panic conditions or on loose gravel, bumps, wet or snowy roads is normal and indicates proper functioning of the vehicle’s anti-lock brake system. The ABS performs a self-check after you start the engine and begin to drive away. A brief mechanical noise may be heard during this test. This is normal. If a malfunction is found, the ABS warning light will come on. If the vehicle has continuous vibration or shudder in the steering wheel while braking, the vehicle should be inspected by a qualified service technician.



The ABS operates by detecting the onset of wheel lockup during brake applications and compensates for this tendency. The wheels are prevented from locking even when the brakes are firmly applied. The accompanying illustration depicts the advantage of an ABS equipped vehicle (on bottom) to a non-ABS equipped vehicle (on top) during hard braking with loss of front braking traction.

ABS warning lamp (ABS)

The (ABS) warning lamp in the instrument cluster momentarily illuminates when the ignition is turned to the ON position. If the light does not illuminate momentarily at start up, remains on or continues to flash, the ABS needs to be serviced.

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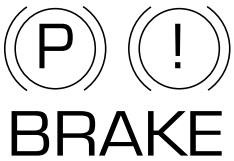


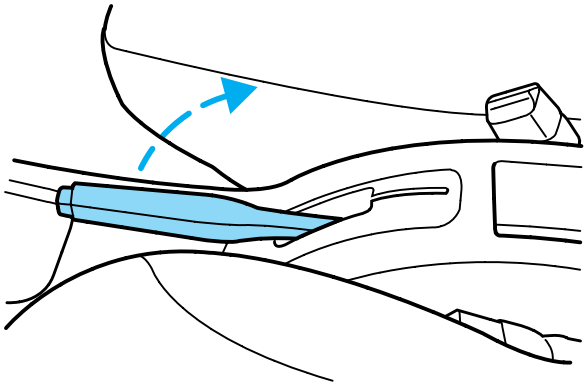
With the ABS light on, the anti-lock brake system is disabled and normal braking is still effective unless the brake warning light also remains illuminated with parking brake released. (If your brake warning lamp illuminates, have your vehicle serviced immediately.)

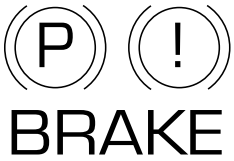
Using ABS

- In an emergency or when maximum efficiency from the four-wheel ABS is required, apply continuous force on the brake. The four wheel ABS will be activated immediately, thus allowing you to retain full steering control of your vehicle and, providing there is sufficient space, will enable you to avoid obstacles and bring the vehicle to a controlled stop.
- The anti-lock system does not reduce stopping distance. Always leave enough room between your vehicle and the vehicle in front of you to stop.
- We recommend that you familiarize yourself with this braking technique. However, avoid taking any unnecessary risks.

Parking brake Ⓟ

Apply the parking brake whenever the vehicle is parked. To set the parking brake, pull the handle up as far as possible.





The BRAKE warning lamp in the instrument cluster illuminates and remains illuminated (when the ignition is turned ON) until the parking brake is released.

The parking brake is not recommended to stop a moving vehicle. However, if the normal brakes fail, the parking brake can be used to stop your vehicle in an emergency. Since the parking brake applies only the rear brakes, the vehicle's stopping distance will increase greatly and the handling of your vehicle will be adversely affected.

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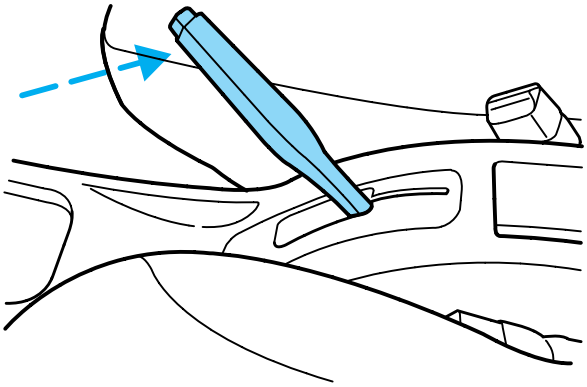
Always set the parking brake fully and make sure that the gearshift is securely latched in P (Park) (automatic transaxle) or in 1 (First) (manual transaxle).

Push the button on the end of the parking brake and push the handle down as far as possible to release the brake. Driving with the parking brake on will cause the brakes to wear out quickly and reduce fuel economy.



TRACTION CONTROL™

Your vehicle is equipped with a Traction Control™ system. This system helps you maintain the stability and steerability of your vehicle. It is especially useful on slippery road surfaces. The system operates by detecting and controlling wheel spin. The system borrows many of the electronic and mechanical elements already present in the anti-lock braking system (ABS).

Wheel-speed sensors allow excess rear wheel spin to be detected by the Traction Control™ portion of the ABS computer. Any excessive wheel spin is controlled by automatically applying and releasing the rear brakes in conjunction with engine torque reductions. Engine torque reduction is realized via the fully electronic spark and fuel injection systems. This process is very sensitive to driving conditions and very fast acting. The rear wheels “search” for optimum traction several times a second and adjustments are made accordingly.

The Traction Control™ system will allow your vehicle to make better use of available traction on slippery surfaces. The system is a driver aid which makes your vehicle easier to handle primarily on snow, ice covered and gravel roads.

During Traction Control™ operation, the traction control active light will illuminate, you may hear an electric motor type of sound coming from the engine compartment and the engine will not “rev-up” when you push further on the accelerator. This is normal system behavior.

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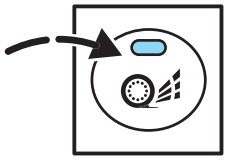
The Traction Control™ on/off switch, located in the center of the instrument panel illuminates when the system is OFF. The Traction Control™ system will revert to the ON position every time the ignition is turned OFF and ON.



If you should become stuck in snow or ice or on a very slippery road surface, try switching the Traction Control™ system off. This may allow excess wheel spin to “dig” the vehicle out and enable a successful “rocking” maneuver.

If a system fault is detected the OFF indicator lamp on the traction control switch will be illuminated and your vehicle should be serviced.

STEERING

Your vehicle is equipped with power steering. Power steering uses energy from the engine to decrease the driver’s effort in steering the vehicle.

To prevent damage to the power steering pump:

- Never hold the steering wheel to the extreme right or the extreme left for more than a few seconds when the engine is running.
- Do not operate the vehicle with the power steering pump fluid level below the MIN mark on the reservoir.

If the power steering system breaks down (or if the engine is turned off), you can steer the vehicle manually, but it takes more effort.

If the steering wanders or pulls, the condition could be caused by any of the following:

- Underinflated tire(s) on any wheel(s)
- Uneven vehicle loading
- High crown in center of road
- High crosswinds
- Wheels out of alignment
- Loose or worn suspension components

AUTOMATIC TRANSMISSION OPERATION (IF EQUIPPED)

Brake-shift interlock

If you cannot move the gearshift lever out of P (Park) with the brake pedal depressed:

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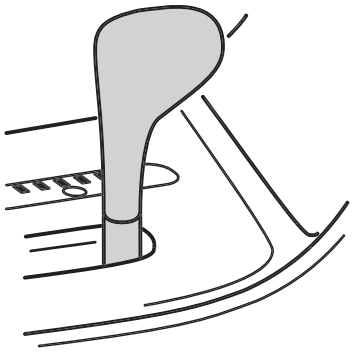
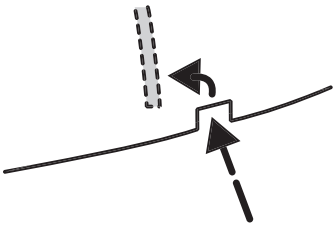
1. Turn the ignition off and remove the key.

2. Apply the parking brake and the brake pedal.

3. Insert a screwdriver or similar item about 5 cm (2 inches) into the square opening to the right of the gearshift at the base of the console.





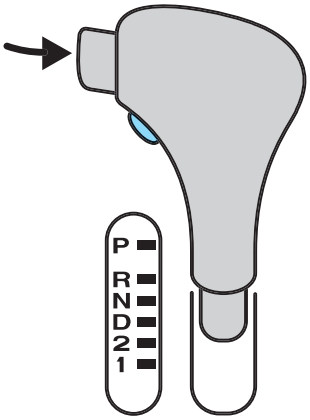
On vehicles without the opening, insert a screwdriver or similar item about 5 cm (2 inches) inward, directly below the arrow symbol located to the right of the gearshift at the base of the console.

4. Rotate the screwdriver point rearward.

5. Push and hold the thumb button and move the gearshift.

6. Remove the screwdriver when the gearshift moves from the P (Park) position.

This procedure may have to be repeated each time the gearshift is placed in P (Park) until repairs are completed.



The brake-shift interlock feature is designed to further enhance the safety of the vehicle occupants when the vehicle is placed into gear. To preserve the benefits of this feature, have any repairs completed promptly.

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The console-mounted gearshift will lock when you turn the key to the LOCK position. When the gearshift is in any position except P (Park), the ignition key cannot be turned to LOCK or removed from the steering column. To remove the key, the gearshift lever must be in P (Park).

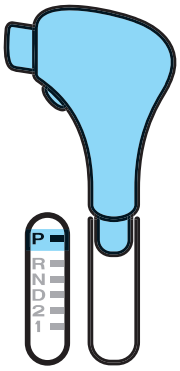
Once the gearshift is secure in the desired position, release the brake pedal and use the accelerator as necessary.

Understanding gearshift positions

Hold the brake pedal down while you move the gearshift lever from P (Park) to another position. If you do not hold the brake pedal down, your vehicle may move unexpectedly and injure someone.

P (Park)

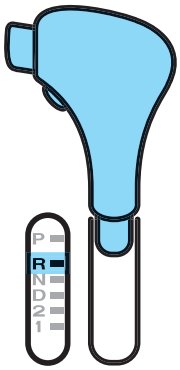
Always come to a complete stop before shifting into P (Park). Make sure that the gearshift lever is securely latched in P (Park). This locks the transaxle and prevents the front wheels from rotating.



Always set the parking brake fully and make sure the gearshift lever is latched in P (Park). Turn off the ignition whenever you leave your vehicle.

R (Reverse)

With the gearshift lever in R (Reverse), the vehicle will move backward. You should always come to a complete stop before shifting in and out of R (Reverse).



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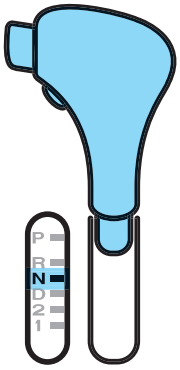
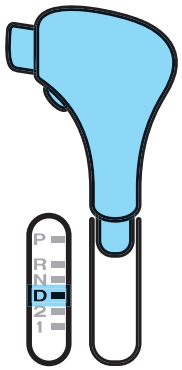
N (Neutral)

With the gearshift lever in the N (Neutral) position, the vehicle can be started and is free to roll. Hold the brake pedal down while in this position.

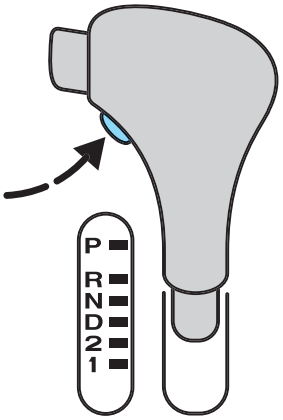


D (Overdrive)

The normal driving position for the best fuel economy. Transaxle operates in gears one through four.



D (Overdrive) can be deactivated by pressing the transaxle control switch (TCS) on the underside of the gearshift handle.



The transaxle control indicator light (TCIL) (O/D OFF) in the instrument cluster will illuminate.

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Drive – Not shown on the display. Activate by pressing the transaxle control switch (TCS) on the underside of the gearshift handle with the gearshift in the D position. The TCIL (O/D OFF) will illuminate in the instrument cluster. Transaxle operates in gears one through three. D (Drive) provides more engine braking than D (Overdrive) and is useful when:

- driving with a heavy load.
- towing a trailer up or down steep hills.
- additional engine downhill braking is desired. If towing a trailer, refer to *Driving while you tow* in the *Trailer towing* section.

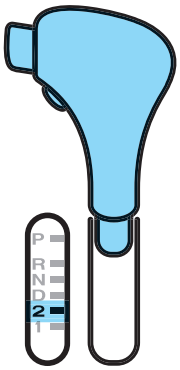
To return to D (Overdrive) mode, press the transaxle control switch (TCS). The TCIL (O/D OFF) will no longer be illuminated.

Each time the vehicle is started, the transaxle will automatically return to normal overdrive mode.

Every time the vehicle is shut off and restarted, you must press the transaxle control switch to cancel overdrive operation if driving in overdrive is not desired.

2 (Second)

Use 2 (Second) to start-up on slippery roads or to provide additional engine braking on downgrades.



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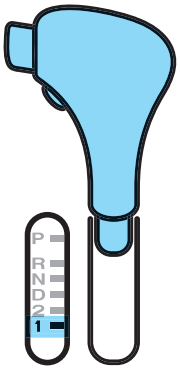
1 (First)

Use 1 (Low) to provide maximum engine braking on steep downgrades. Upshifts can be made by shifting to 2 (Second) or to D (Overdrive). Selecting 1 (Low) at higher speeds causes the transaxle to shift to a lower gear, and will shift to 1 (Low) after vehicle decelerates to the proper speed.



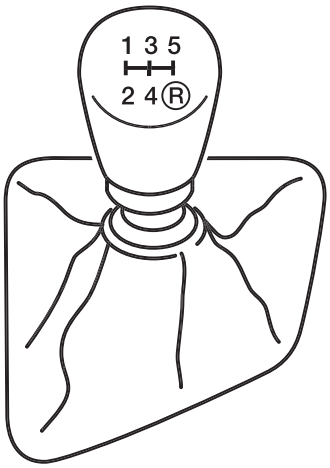
Forced Downshifts

To gain acceleration in D (Overdrive) or Drive (O/D OFF) when passing another vehicle, push the accelerator to the floor. The transaxle will downshift to the appropriate gear: third, second or first gear.

MANUAL TRANSMISSION OPERATION (IF EQUIPPED)

Using the clutch

Vehicles equipped with a manual transaxle have a starter interrupt interlock that prevents cranking of the engine unless the clutch pedal is depressed.



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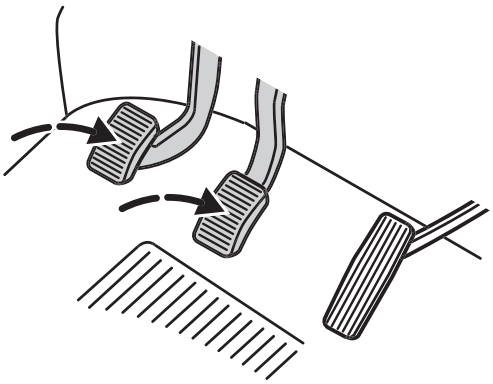
When starting a vehicle with a manual transaxle:

1. Hold down the brake pedal and clutch pedal.



2. Put the gearshift lever in neutral.
3. Start the vehicle.
4. Put the gearshift lever in 1 (First) or R (Reverse).
5. Release the clutch slowly while pressing gradually down on the accelerator pedal.

Do not drive with your foot resting on the clutch pedal and do not use the clutch pedal to hold your vehicle at a standstill while waiting on a hill. These actions will seriously reduce clutch life.

Recommended shift speeds

Upshift according to the following charts for best fuel economy:

2.0L engine 5–speed transaxle shift speed schedules				
Recommended upshifts:	During acceleration:		During cruise*:	
Shift from:	km/h	mph	km/h	mph
First to second	22	14	19	12
Second to third	40	25	32	20
Third to fourth	53	33	46	29
Fourth to fifth	77	48	64	40
*The vehicle can be shifted at lower speeds to improve fuel economy.				

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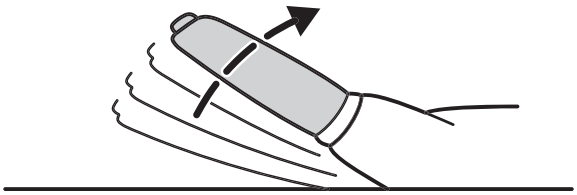
2.5L engine 5–speed transaxle shift speed schedules				
Recommended upshifts:	During acceleration:		During cruise*:	
Shift from:	km/h	mph	km/h	mph
First to second	22	14	16	10
Second to third	40	25	32	20
Third to fourth	53	33	50	31
Fourth to fifth	77	48	64	40
*The vehicle can be shifted at lower speeds to improve fuel economy.				

Parking

1. Apply the brake and shift into the neutral position.
2. Engage the parking brake.
3. Shift into 1 (First).
4. Turn ignition off.



Do not park your vehicle in Neutral, it may move unexpectedly and injure someone. Use 1 (First) gear and set the parking brake fully.

Reverse

1. Completely stop your vehicle.
2. Depress the clutch pedal to the floor and place the gearshift lever in the neutral position. Do not release the clutch pedal.

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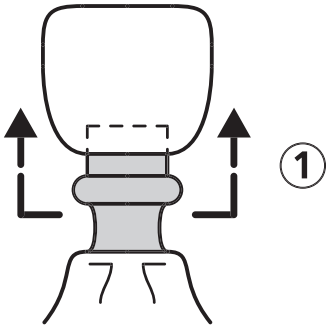
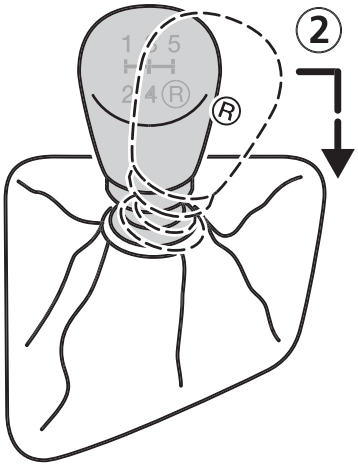
3. Push the gearshift lever completely to the right, pull up the ring on the stalk of the gearshift lever, and then pull rearward on the gearshift lever to engage the R (Reverse) gear.





4. When the R (Reverse) gear is engaged, slowly release the clutch pedal from the floor.

DRIVING THROUGH WATER

Do not drive quickly through standing water, especially if the depth is unknown. Traction or brake capability may be limited and if the ignition system gets wet, your engine may stall. Water may also enter your engine's air intake and severely damage your engine.

If driving through deep or standing water is unavoidable, proceed very slowly. Never drive through water that is higher than the bottom of the hubs (for trucks) or the bottom of the wheel rims (for cars).

Once through the water, always try the brakes. Wet brakes do not stop the vehicle as effectively as dry brakes. Drying can be improved by moving your vehicle slowly while applying light pressure on the brake pedal.

Driving through deep water where the transmission vent tube is submerged may allow water into the transmission and cause internal transmission damage. Have the fluid checked and, if water is found, replace the fluid.

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VEHICLE LOADING

Before loading a vehicle, familiarize yourself with the following terms:

- **Base Curb Weight:** Weight of the vehicle including any standard equipment, fluids, lubricants, etc. It does not include occupants or aftermarket equipment.
- **Payload:** Combined maximum allowable weight of cargo, occupants and optional equipment. The payload equals the gross vehicle weight rating minus base curb weight.
- **GVW (Gross Vehicle Weight):** Base curb weight plus payload weight. The GVW is not a limit or a specification.
- **GVWR (Gross Vehicle Weight Rating):** Maximum permissible total weight of the base vehicle, occupants, optional equipment and cargo. The GVWR is specific to each vehicle and is listed on the Safety Certification Label on the driver's door pillar.
- **GAWR (Gross Axle Weight Rating):** Carrying capacity for each axle system. The GAWR is specific to each vehicle and is listed on the Safety Certification Label on the driver's door pillar.
- **GCW (Gross Combined Weight):** The combined weight of the towing vehicle (including occupants and cargo) and the loaded trailer.
- **GCWR (Gross Combined Weight Rating):** Maximum permissible combined weight of towing vehicle (including occupants and cargo) and the loaded trailer
- **Maximum Trailer Weight Rating:** Maximum weight of a trailer the vehicle is permitted to tow. The maximum trailer weight rating is determined by subtracting the vehicle curb weight for each engine/transmission combination, any required option weight for trailer towing and the weight of the driver from the GCWR for the towing vehicle.
- **Maximum Trailer Weight:** Maximum weight of a trailer the loaded vehicle (including occupants and cargo) is permitted to tow. It is determined by subtracting the weight of the loaded trailer towing vehicle from the GCWR for the towing vehicle.
- **Trailer Weight Range:** Specified weight range that the trailer must fall within that ranges from zero to the maximum trailer weight rating.

Remember to figure in the tongue load of your loaded trailer when figuring the total weight.

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Do not exceed the GVWR or the GAWR specified on the certification label.

Do not use replacement tires with lower load carrying capacities than the originals because they may lower the vehicle's GVWR and GAWR limitations. Replacement tires with a higher limit than the originals do not increase the GVWR and GAWR limitations.

The Safety Certification Label, found on the driver's door pillar, lists several important vehicle weight rating limitations. Before adding any additional equipment, refer to these limitations. If you are adding weight to the front of your vehicle, (potentially including weight added to the cab), the weight added should not exceed the front axle reserve capacity (FARC). Additional frontal weight may be added to the front axle reserve capacity provided you limit your payload in other ways (i.e. restrict the number of occupants or amount of cargo carried).

Always ensure that the weight of occupants, cargo and equipment being carried is within the weight limitations that have been established for your vehicle including both gross vehicle weight and front and rear gross axle weight rating limits. Under no circumstance should these limitations be exceeded.

Exceeding any vehicle weight rating limitation could result in serious damage to the vehicle and/or personal injury.

TRAILER TOWING

Your vehicle is capable of towing a trailer up to 454 kg (1 000 lbs.) gross trailer weight with a maximum tongue load of 45 kg (100 lbs.). Do not tow a trailer until your vehicle has been driven at least 800 km (500 miles).

Towing a trailer places an additional load on your vehicle's engine, transaxle, brakes, tires and suspension. Inspect these components carefully after towing.

Do not exceed the GVWR or the GAWR specified on the certification label.

Towing trailers beyond the maximum recommended gross trailer weight exceeds the limit of the vehicle and could result in engine damage, transaxle damage, structural damage, loss of control, and personal injury.

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Preparing to tow

Use the proper equipment for towing a trailer, and make sure it is properly attached to your vehicle. See your dealer or a reliable trailer dealer if you require assistance.

Hitches

Do not use hitches that clamp onto the vehicle bumper. Use a load carrying hitch. You must distribute the load in your trailer so that 10% of the total weight of the trailer is on the tongue.

Safety chains

Always connect the trailer's safety chains to the frame or hook retainers of the vehicle hitch. To connect the trailer's safety chains, cross the chains under the trailer tongue and allow slack for turning corners.

If you use a rental trailer, follow the instructions that the rental agency gives to you.

Do not attach safety chains to the bumper.

Trailer brakes

Electric brakes and manual, automatic or surge-type trailer brakes are safe if installed properly and adjusted to the manufacturer's specifications. The trailer brakes must meet local and Federal regulations.

Do not connect a trailer's hydraulic brake system directly to your vehicle's brake system. Your vehicle may not have enough braking power and your chances of having a collision greatly increase.

The braking system of the tow vehicle is rated for operation at the GVWR not GCWR.

Trailer lamps

Trailer lamps are required on most towed vehicles. Make sure your trailer lamps conform to local and Federal regulations. See your dealer or trailer rental agency for proper instructions and equipment for hooking up trailer lamps.

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Driving while you tow

When towing a trailer:

- Turn off the speed control. The speed control may shut off automatically when you are towing on long, steep grades.
- Consult your local motor vehicle speed regulations for towing a trailer.
- To eliminate excessive shifting, use a lower gear. This will also assist in transaxle cooling.
- Anticipate stops and brake gradually.
- Do not exceed the GCWR rating or transaxle damage may occur.

Servicing after towing

If you tow a trailer for long distances, your vehicle will require more frequent service intervals. Refer to your scheduled maintenance guide for more information.

Trailer towing tips

- Practice turning, stopping and backing up before starting on a trip to get the feel of the vehicle trailer combination. When turning, make wider turns so the trailer wheels will clear curbs and other obstacles.
- Allow more distance for stopping with a trailer attached.
- If you are driving down a long or steep hill, shift to a lower gear. Do not apply the brakes continuously, as they may overheat and become less effective.
- The trailer tongue weight should be 10–15% of the loaded trailer weight.
- After you have traveled 80 km (50 miles), thoroughly check your hitch, electrical connections and trailer wheel lug nuts.
- To aid in engine/transmission cooling and A/C efficiency during hot weather while stopped in traffic, place the gearshift lever in P (Park).
- Vehicles with trailers should not be parked on a grade. If you must park on a grade, place wheel chocks under the trailer's wheels.

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RECREATIONAL TOWING

Follow these guidelines for your specific powertrain combination to tow your vehicle with all four wheels on the ground (such as behind a recreational vehicle).

These guidelines are designed to ensure that your transmission is not damaged due to insufficient lubrication.

All Front Wheel Drive (FWD) vehicles:

An example of recreational towing is towing your vehicle behind a motorhome. The following recreational towing guidelines are designed to ensure that your transmission is not damaged. It is not recommended to tow front wheel drive vehicles with the front drive wheels on the ground. It is recommended to tow your vehicle with the drive wheels on a dolly or two wheel car hauling trailer.

In case of a roadside emergency with a disabled vehicle (without access to wheel dollies, car hauling trailer or flatbed transport vehicle) your vehicle can be flat towed (all wheels on the ground) under the following conditions:

- Place the transmission in N (Neutral).
- Maximum speed is 56 km/h (35 mph).
- Maximum distance is 80 km (50 miles).

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GETTING ROADSIDE ASSISTANCE

To fully assist you should you have a vehicle concern, Ford Motor Company offers a complimentary roadside assistance program. This program is separate from the New Vehicle Limited Warranty. The service is available:

- 24–hours, seven days a week
- for the New Vehicle Limited Warranty period of three years or 60,000 km (36,000 miles), whichever occurs first on Ford and Mercury vehicles, and four years or 80,000 km (50,000 miles) on Lincoln vehicles.

Roadside assistance will cover:

- changing a flat tire.
- jump-starts.
- lock-out assistance.
- limited fuel delivery.
- towing of your disabled vehicle to the nearest Ford Motor Company dealership, or your selling dealer if within 56.3 km (35 miles) of the nearest Ford Motor Company dealership (one tow per disablement). Even non-warranty related tows, like accidents or getting stuck in the mud or snow, are covered (some exclusions apply, such as impound towing or repossession).

Canadian customers refer to your Owner Information Guide for information on:

- Coverage period
- Exact fuel amounts
- Towing of your disabled vehicle
- Emergency travel expense reimbursement
- Travel planning benefits

USING ROADSIDE ASSISTANCE

Complete the roadside assistance identification card and place it in your wallet for quick reference. In the United States, this card is found in the Owner Guide portfolio in the glove compartment in Ford vehicles and is mailed to you if you own a Mercury or Lincoln. In Canada, the card is found in the Owner Information Guide in the glove compartment.

U.S. Ford or Mercury vehicle customers who require roadside assistance, call 1–800–241–3673; Lincoln vehicle customers call 1–800–521–4140.

Canadian customers who require roadside assistance, call 1–800–665–2006.

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If you need to arrange roadside assistance for yourself, Ford Motor Company will reimburse a reasonable amount. To obtain reimbursement information, U.S. Ford or Mercury vehicles customers call 1-800-241-3673; Lincoln vehicle customers call 1–800–521–4140.

Canadian customers who need to obtain reimbursement information, call 1–800–665–2006.

ROADSIDE COVERAGE BEYOND BASIC WARRANTY

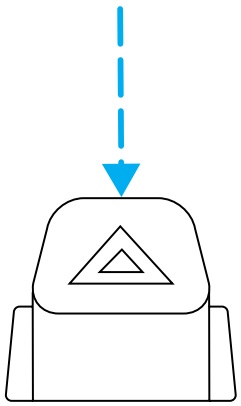
In the United States, you may purchase additional roadside assistance coverage beyond this period through the Ford Auto Club by contacting your Ford or Lincoln Mercury dealer.

Similarly in Canada, for uninterrupted Roadside Assistance coverage, you may purchase extended coverage prior to your Basic Warranty's Roadside Assistance expiring. For more information and enrollment, contact 1–877–294–2582 or visit our website at www.ford.ca.

HAZARD LIGHTS CONTROL

Use only in an emergency to warn traffic of vehicle breakdown, approaching danger, etc. The hazard flashers can be operated when the ignition is off.

- The hazard lights control is located on top of the steering column.
- Depress hazard lights control to activate the hazard flashers.
- Depress control again to turn the flashers off.



FUEL PUMP SHUT-OFF SWITCH FUEL RESET

The fuel pump shut-off switch is a device intended to stop the electric fuel pump when your vehicle has been involved in a substantial jolt.

After a collision, if the engine cranks but does not start, the fuel pump shut-off switch may have been activated.

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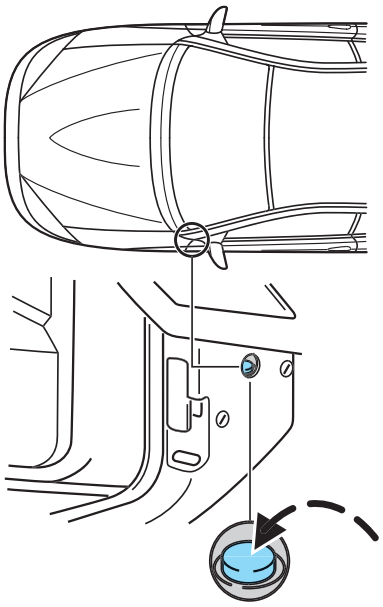
The fuel pump shut-off switch is located in the driver's foot well, behind the kick panel. The reset button for the fuel pump shut-off switch is accessible through an opening in the kick panel.



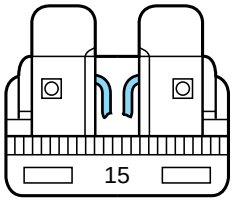
Use the following procedure to reset the fuel pump shut-off switch.

1. Turn the ignition to the OFF position.
2. Check the fuel system for leaks.
3. If no fuel leak is apparent, reset the fuel pump shut-off switch by pushing in on the reset button.
4. Turn the ignition to the RUN position. Pause for a few seconds and return the key to the OFF position.
5. Make a further check for leaks in the fuel system.

FUSES AND RELAYS

Fuses

If electrical components in the vehicle are not working, a fuse may have blown. Blown fuses are identified by a broken wire within the fuse. Check the appropriate fuses before replacing any electrical components.



Note: Always replace a fuse with one that has the specified amperage rating. Using a fuse with a higher amperage rating can cause severe wire damage and could start a fire.

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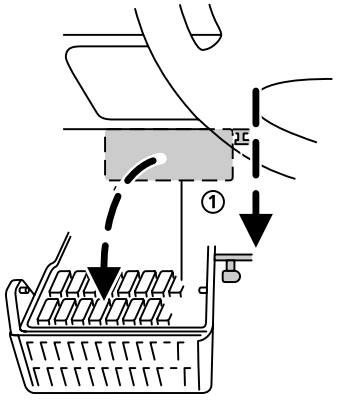
Standard fuse amperage rating and color

COLOR					
Fuse rating	**Mini fuses**	**Standard fuses**	**Maxi fuses**	**Cartridge maxi fuses**	**Fuse link cartridge**
2A	Grey	Grey	—	—	—
3A	Violet	Violet	—	—	—
4A	Pink	Pink	—	—	—
5A	Tan	Tan	—	—	—
7.5A	Brown	Brown	—	—	—
10A	Red	Red	—	—	—
15A	Blue	Blue	—	—	—
20A	Yellow	Yellow	Yellow	Blue	Blue
25A	Natural	Natural	—	—	—
30A	Green	Green	Green	Pink	Pink
40A	—	—	Orange	Green	Green
50A	—	—	Red	Red	Red
60A	—	—	Blue	—	Yellow
70A	—	—	Tan	—	Brown
80A	—	—	Natural	—	Black

Passenger compartment fuse panel

To check or replace an fuse or a relay, open the fuse box by pulling down the lock release lever (1).



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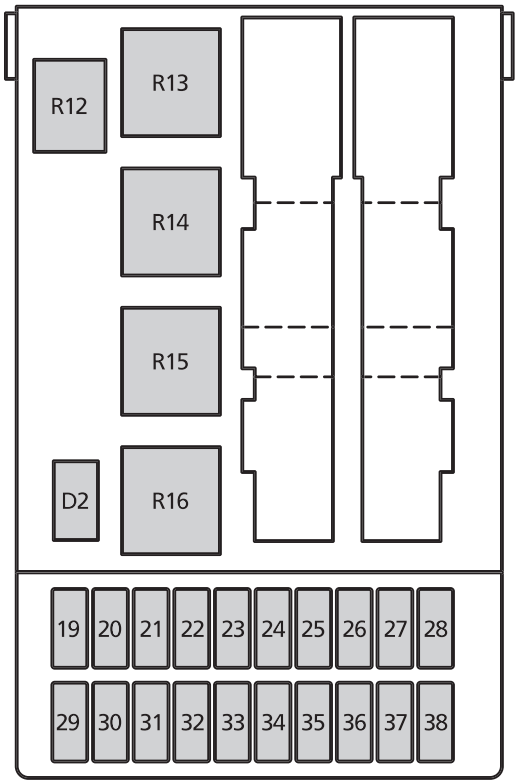
The fuses are coded as follows:



Fuse/Relay Location	Fuse Amp Rating	Passenger Compartment Fuse Panel Description
19	7.5A	Mirror heater
20*	10A	Wipers
21	40A	Power moonroof, Power windows
22	7.5A	ABS/TCS
23	15A	Turn signal lamps, Backup lamps, Speed control. Gearshift lever, A/C clutch, Blower motor
24	15A	Stop lamps, Speed control
25	20A	Alarm system, Locking system
26	7.5A	High beam, Low beam
27	15A	Cigar lighter
28	30A	Power seats
29	30A	Rear window defroster

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Fuse/Relay Location	Fuse Amp Rating	Passenger Compartment Fuse Panel Description
30	7.5A	Engine management, Locking system, Instrument cluster
31	7.5A	Panel dimmer, License plate lamps, Glove box lamp, Belt minder module
32	—	Not used
33	7.5A	Left-side lamps
34	7.5A	Power mirrors, Clock, Interior lamps
35	7.5A	Right-side lamps
36	15A	Radio
37	30A	Heater blower
38	7.5A	Air bags
R12	—	Courtesy lamps
R13	—	Rear window defrost
R14	—	Blower motor
R15	—	Front wiper
R16	—	Ignition
D2	—	Reverse voltage protection
*Have these fuses replaced by your dealer or qualified technician.		

Power distribution box

The power distribution box is located in the engine compartment. The power distribution box contains high-current fuses that protect your vehicle's main electrical systems from overloads.

Always disconnect the battery before servicing high current fuses.

Always replace the cover to the power distribution box before reconnecting the battery or refilling fluid reservoirs

If the battery has been disconnected and reconnected, refer to the *Battery* section of the *Maintenance and specifications* chapter.

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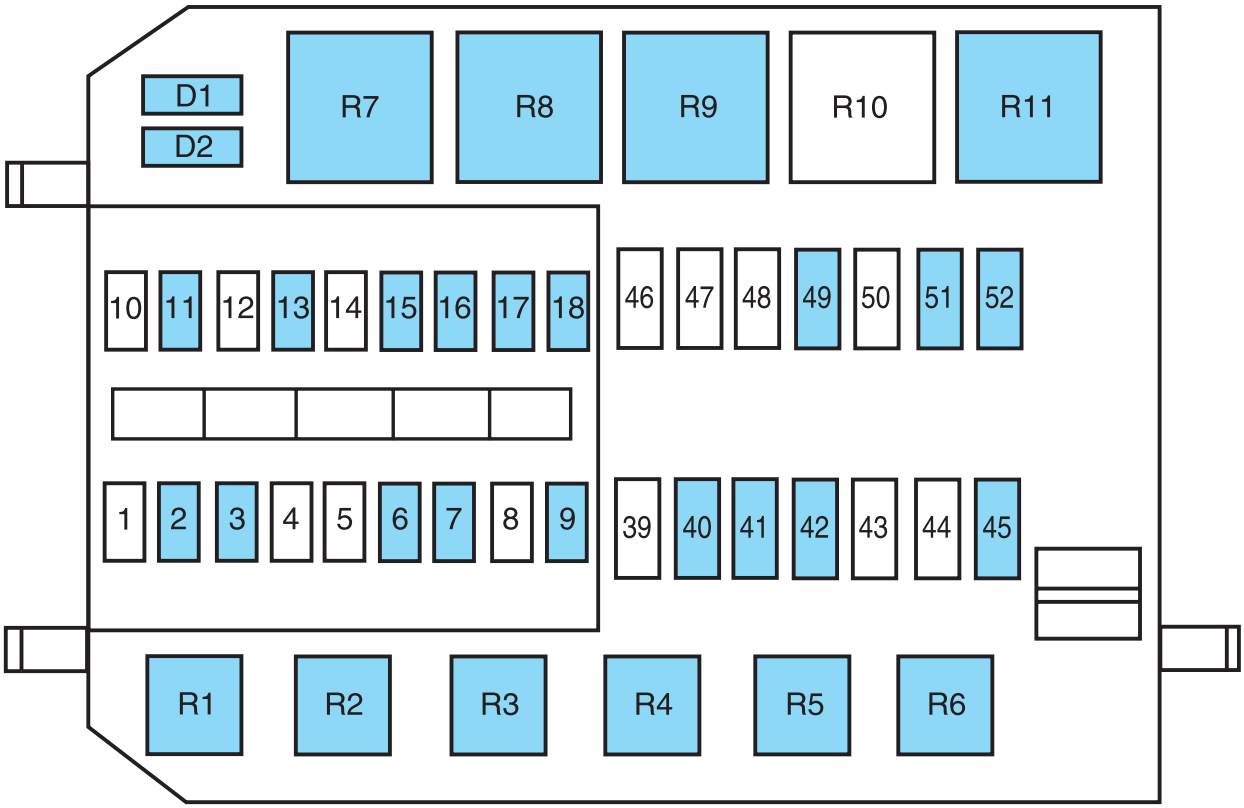
The high-current fuses are coded as follows.



Fuse/Relay Location	Fuse Amp Rating	Power Distribution Box Description
1	—	Not used
2	15A	Alternator
3	20A	Fog lamps
4	—	Not used
5	—	Not used
6	3A	Engine management
7	20A	Hazard lamps, Horn, Multi-function switch
8	—	Not Used
9	15A	Fuel pump
10	—	Not used
11	20A	Daytime running lamps (Canada only)

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Fuse/Relay Location	Fuse Amp Rating	Power Distribution Box Description
12	—	Not used
13	20A	HEGO sensors
14	—	Not used
15	7.5A	Right low beam
16	7.5A	Left low beam
17	7.5A	Right high beam
18	7.5A	Left high beam, Instrument cluster, Front fog lamps
39	—	Not used
40*	20	Ignition, Engine management
41*	20	Engine management
42	40	Heater blower
43	—	Not used
44	—	Not used
45*	60	Main power supply to vehicle electrical supply (Ignition relay)
46*	—	Not used
47*	—	Not used
48	—	Not used
49*	60	Engine cooling fan
50	—	Not used
51*	60	ABS
52*	60	Timer module, Courtesy lamp, Rear window defrost, Fuses 25, 27, 28, 34 and 36
R1	—	Fuel pump
R2	—	Engine management
R3	—	Air conditioning
R4	—	Low beam
R5	—	High beam
R6	—	Horn
R7	—	Starter

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Fuse/Relay Location	Fuse Amp Rating	Power Distribution Box Description
R8	—	High speed engine cooling fan
R9	—	Engine cooling fan
R10	—	Not used
R11	—	Daytime running lamps (Canada only)
D1	—	Starter relay
D2	—	Air conditioning
* Have these fuses replaced by your dealer or qualified technician.		

CHANGING THE TIRES

If you get a flat tire while driving, do not apply the brake heavily. Instead, gradually decrease your speed. Hold the steering wheel firmly and slowly move to a safe place on the side of the road.

The use of tire sealants is not recommended and may compromise the integrity of your tires. The use of tire sealants may also affect your tire pressure monitoring system (if equipped).

Temporary spare tire information

The temporary spare tire for your vehicle is labeled as such. It is smaller than a regular tire and is designed for emergency use only.

If you use the temporary spare tire continuously or do not follow these precautions, the tire could fail, causing you to lose control of the vehicle, possibly injuring yourself or others.

When driving with the temporary spare tire **do not:**

- use more than one temporary spare tire at a time
- exceed 80 km/h (50 mph) or drive further than 3 200 km (2 000 miles) total under any circumstances
- load the vehicle beyond maximum vehicle load rating listed on the Safety Compliance Label
- tow a trailer
- use tire chains
- drive through an automatic car wash, because of the vehicle's reduced ground clearance

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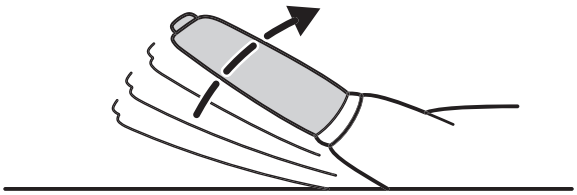
- try to repair the temporary spare tire or remove it from its wheel
- use the wheel for any other type of vehicle

Use of a temporary spare tire at any one wheel location can lead to impairment of the following:

- handling, stability and braking performance
- comfort and noise
- ground clearance and parking at curbs
- Winter driving capability

Tire change procedure

1. Park on a level surface, activate hazard flashers and set the parking brake.



When one of the front wheels is off the ground, the transaxle alone will not prevent the vehicle from moving or slipping off the jack, even if the vehicle is in P (Park) (automatic transaxle) or R (Reverse) (manual transaxle).

To prevent the vehicle from moving when you change a tire, be sure the parking brake is set, then block (in both directions) the wheel that is diagonally opposite (other side and end of the vehicle) to the tire being changed.

If the vehicle slips off the jack, you or someone else could be seriously injured.

2. Place gearshift lever in P (Park) (automatic transaxle) or R (Reverse) (manual transaxle), turn engine OFF, and block the diagonally opposite wheel.

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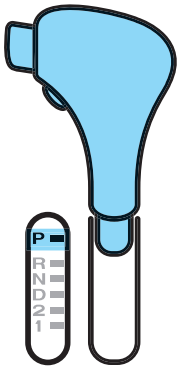
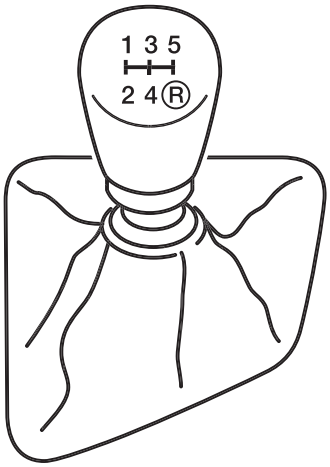
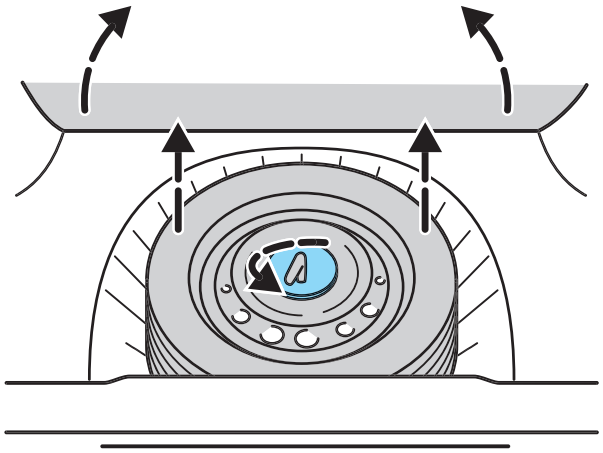
- Automatic



- Manual



3. Remove the jack, jack handle, lug wrench and spare tire.



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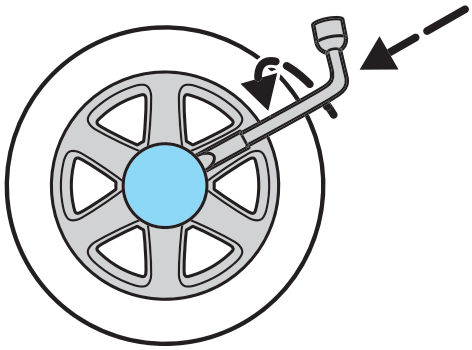
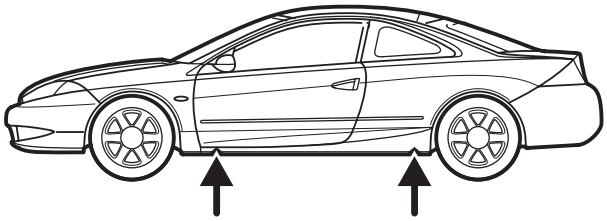
4. Insert the tapered end of the jack handle beneath the hub cover (if equipped) and push in. Twist off to remove the cover. Loosen each wheel lug nut one-half turn counterclockwise but do not remove them until the wheel is raised off the ground.



5. Place the jack under vehicle in location indicated by arrows (closest to the tire requiring changing), then jack up the vehicle until the tire is clear of the ground.



6. Remove the lug nuts with the lug wrench.

7. Replace the flat tire with the spare tire, making sure the valve stem is facing outward. Reinstall the lug nuts until the wheel is snug against the hub. Do not fully tighten the lug nuts until the wheel has been lowered.

8. Lower the wheel by turning the jack handle counterclockwise.

9. Remove the jack and fully tighten the lug nuts in the order shown.

10. Put flat tire, jack and lug wrench away. Make sure the jack is fastened so it does not rattle when you drive. Unblock the wheels.

JUMP STARTING YOUR VEHICLE

The gases around the battery can explode if exposed to flames, sparks, or lit cigarettes. An explosion could result in injury or vehicle damage.

Batteries contain sulfuric acid which can burn skin, eyes and clothing, if contacted.

Do not attempt to push-start your vehicle. Automatic transmissions do not have push-start capability; also, the catalytic converter may become damaged.

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Preparing your vehicle

When the battery is disconnected or a new battery is installed, the transmission must relearn its shift strategy. As a result, the transmission may have firm and/or soft shifts. This operation is considered normal and will not affect function or durability of the transmission. Over time, the adaptive learning process will fully update transmission operation.

1. **Use only a 12–volt supply to start your vehicle.**

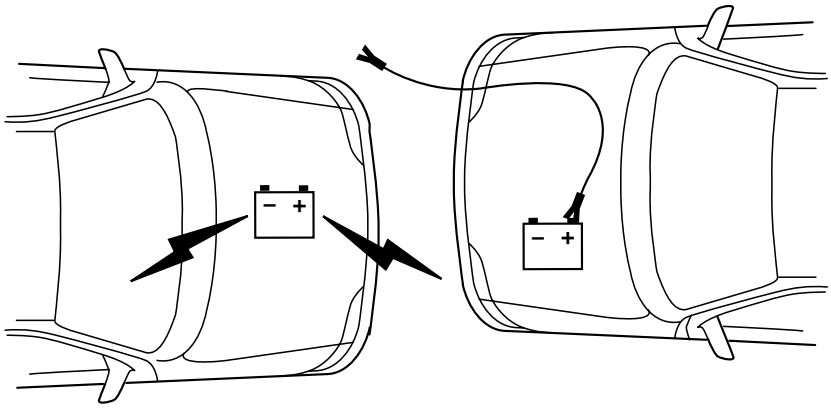
2. Do not disconnect the battery of the disabled vehicle as this could damage the vehicle's electrical system.

3. Park the booster vehicle close to the hood of the disabled vehicle making sure the two vehicles **do not** touch. Set the parking brake on both vehicles and stay clear of the engine cooling fan and other moving parts.

4. Check all battery terminals and remove any excessive corrosion before you attach the battery cables. Ensure that vent caps are tight and level.

5. Turn the heater fan on in both vehicles to protect any electrical surges. Turn all other accessories off.

Connecting the jumper cables



1. Connect the positive (+) booster cable to the positive (+) terminal of the discharged battery.

Note: In the illustrations, *lightning bolts* are used to designate the assisting (boosting) battery.

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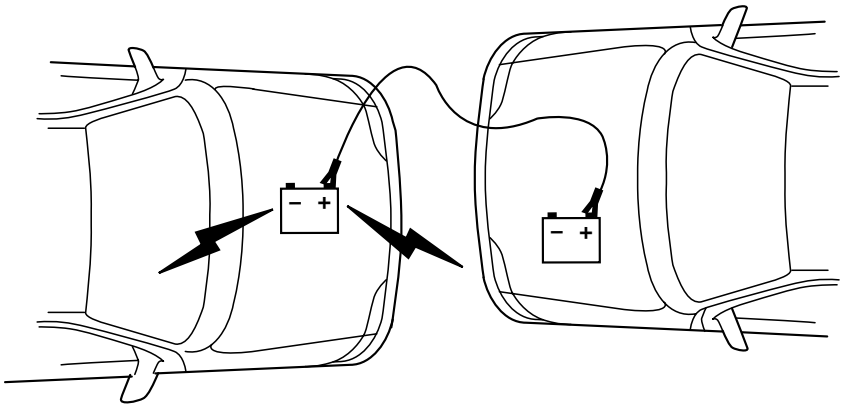
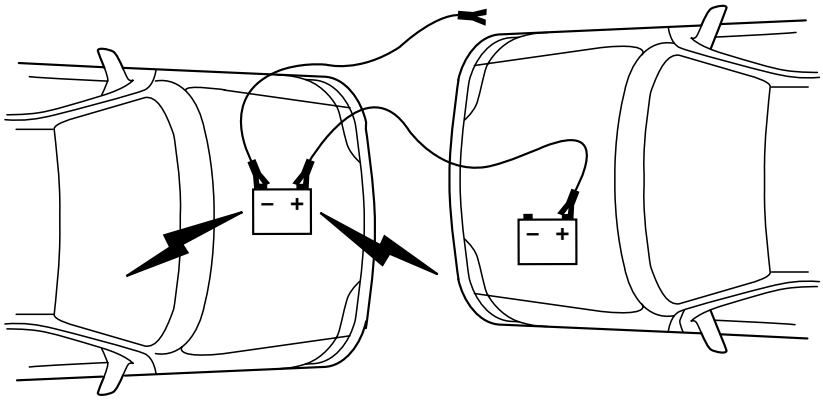


2. Connect the other end of the positive (+) cable to the positive (+) terminal of the assisting battery.



3. Connect the negative (-) cable to the negative (-) terminal of the assisting battery.

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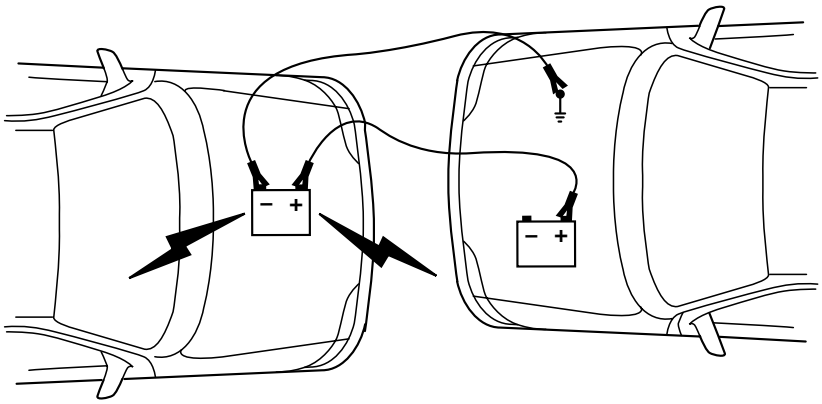

4. Make the final connection of the negative (-) cable to an exposed metal part of the stalled vehicle's engine, away from the battery and the carburetor/fuel injection system. **Do not** use fuel lines, engine rocker covers or the intake manifold as *grounding* points.

Do not connect the end of the second cable to the negative (-) terminal of the battery to be jumped. A spark may cause an explosion of the gases that surround the battery.

5. Ensure that the cables are clear of fan blades, belts, moving parts of both engines, or any fuel delivery system parts.

Jump starting

1. Start the engine of the booster vehicle and run the engine at moderately increased speed.

2. Start the engine of the disabled vehicle.

3. Once the disabled vehicle has been started, run both engines for an additional three minutes before disconnecting the jumper cables.

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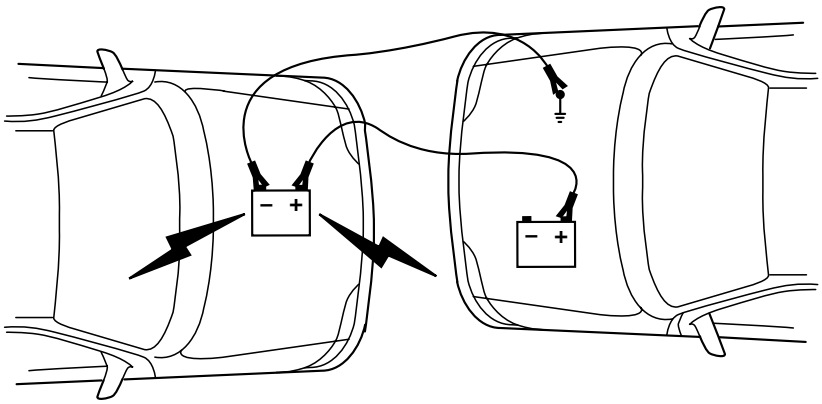
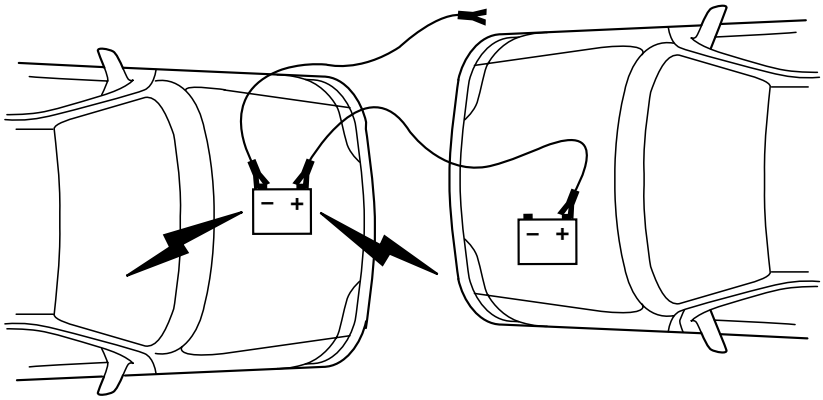
Removing the jumper cables



Remove the jumper cables in the reverse order that they were connected.

1. Remove the jumper cable from the *ground* metal surface.

Note: In the illustrations, *lightning bolts* are used to designate the assisting (boosting) battery.



2. Remove the jumper cable on the negative (-) connection of the booster vehicle's battery.

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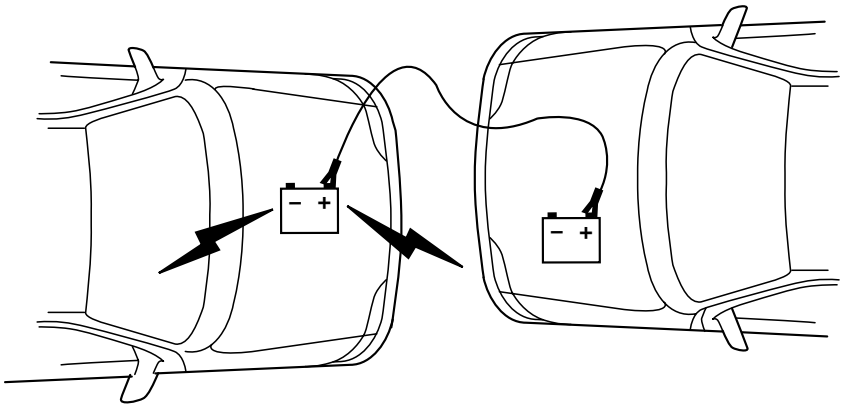
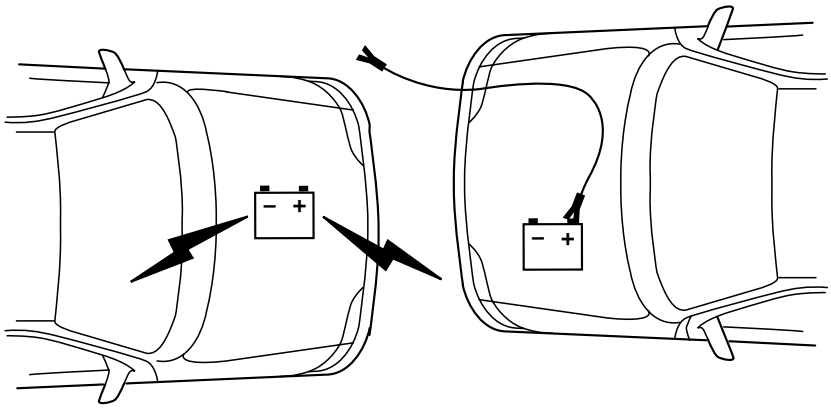


3. Remove the jumper cable from the positive (+) terminal of the booster vehicle's battery.



4. Remove the jumper cable from the positive (+) terminal of the disabled vehicle's battery.

After the disabled vehicle has been started and the jumper cables removed, allow it to idle for several minutes so the engine computer can *relearn* its idle conditions.

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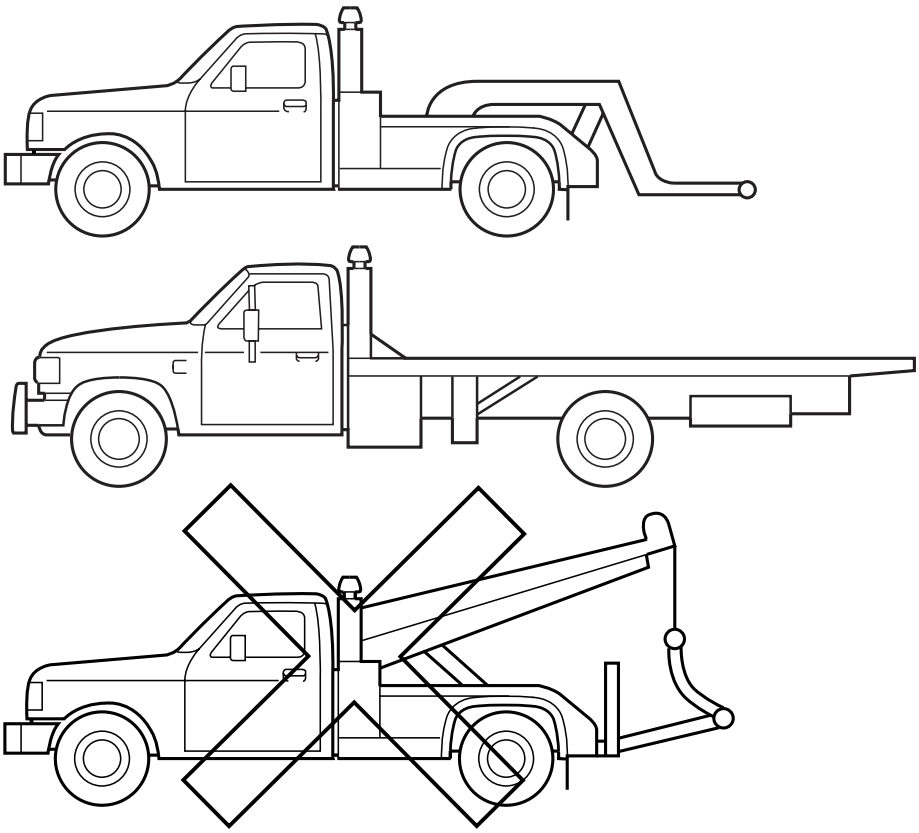
WRECKER TOWING



If you need to have your vehicle towed, contact a professional towing service or, if you are a member, your roadside assistance center.

It is recommended that your vehicle be towed with a wheel lift or flatbed equipment. Do not tow with a slingbelt. Ford Motor Company has not approved a slingbelt towing procedure.

If your vehicle is to be towed from the rear using wheel lift equipment, the front wheels (drive wheels) must be placed on a dolly to prevent damage to the transmission.

If the vehicle is towed by other means or incorrectly, vehicle damage may occur.

Ford Motor Company produces a towing manual for all authorized tow truck operators. Have your tow truck operator refer to this manual for proper hook-up and towing procedures for your vehicle.

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GETTING THE SERVICES YOU NEED

At home

Ford Motor Company and Ford of Canada have authorized dealerships to service your vehicle. It is preferred that you return to the Ford dealer where your vehicle was purchased when warranty repairs are needed. However, you may also take your vehicle to another Ford Motor Company or Ford of Canada dealership authorized for warranty repairs. Certain warranty repairs require special training though, so not all dealers are authorized to perform all warranty repairs. That means that depending on the warranty repair needed, the vehicle may need to be taken to another dealer. If a particular dealership cannot assist you, then contact the Customer Relationship Center.

If you have questions or concerns, or are unsatisfied with the service you are receiving, follow these steps:

1. Contact your Sales Representative or Service Advisor at your selling/servicing dealership.

2. If your inquiry or concern remains unresolved, contact the Sales Manager or Service Manager at the dealership.

3. If the inquiry or concern cannot be resolved at the dealership level, please contact the Ford Customer Relationship Center.

Away from home

If you own a Ford or Mercury vehicle and are away from home when your vehicle needs service, or if you need more help than the dealership could provide, after following the steps described above, contact the Ford Customer Relationship Center to find an authorized dealership to help you.

In the United States:

Ford Motor Company
Customer Relationship Center
16800 Executive Plaza Drive
P.O. Box 6248
Dearborn, Michigan 48121
1-800-392-3673 (FORD)
(TDD for the hearing impaired: 1-800-232-5952)
www.ford.com

In Canada:
Customer Relationship Centre

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Ford Motor Company of Canada, Limited
P.O. Box 2000
Oakville, Ontario L6J 5E4
1-800-565-3673 (FORD)
www.ford.ca

If you own a Lincoln vehicle and are away from home when your vehicle needs service, or if you need more help than the dealership could provide, after following the steps described above, contact the Ford Customer Relationship Center to find an authorized dealership to help you.

In the United States:
Ford Motor Company
Customer Relationship Center
16800 Executive Plaza Drive
P.O. Box 6248
Dearborn, Michigan 48121
1-800-521-4140
(TDD for the hearing impaired: 1-800-232-5952)
www.ford.com

In Canada:
Customer Relationship Centre
Ford Motor Company of Canada, Limited
P.O. Box 2000
Oakville, Ontario L6J 5E4
1-800-565-3673 (FORD)
www.ford.ca

In order to help you service your Ford or Lincoln Mercury vehicle, please have the following information available when contacting a Customer Relationship Center:

- Your telephone number (home and business)
- The name of the dealer and the city where the dealership is located
- The year and make of your vehicle
- The date of vehicle purchase
- The current odometer reading
- The vehicle identification number (VIN)

If you still have a complaint involving a warranty dispute, you may wish to contact the Dispute Settlement Board (U.S.).

In some states (in the U.S.) you must directly notify Ford in writing before pursuing remedies under your state's warranty laws. Ford is also allowed a final repair attempt in some states.

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In the United States, a warranty dispute must be submitted to the Dispute Settlement Board before taking action under the Magnuson-Moss Warranty Act, or to the extent allowed by state law, before pursuing replacement or repurchase remedies provided by certain state laws. This dispute handling procedure is not required prior to enforcing state created rights or other rights which are independent of the Magnuson-Moss Warranty Act or state replacement or repurchase laws.

FORD EXTENDED SERVICE PLAN

You can get more protection for your new car or light truck by purchasing Ford Extended Service Plan (Ford ESP) coverage. Ford ESP is an optional service contract which is backed by Ford Motor Company or Ford Motor Service Company (in the U.S.) and Ford of Canada (in Canada). It provides the following:

- Benefits during the warranty period depending on the plan you purchase (such as: reimbursement for rentals; coverage for certain maintenance and wear items).
- Protection against covered repair costs after your Bumper-to-Bumper Warranty expires.

You may purchase Ford ESP from any participating Ford and Lincoln Mercury and Ford of Canada dealer. There are several plans available in various time, distance and deductible combinations which can be tailored to fit your own driving needs. Ford ESP also offers reimbursement benefits for towing and rental coverage.

When you buy Ford ESP, you receive Peace-of-Mind protection throughout the United States and Canada, provided by a network of more than 5,000 participating Ford or Lincoln Mercury and Ford of Canada dealers.

If you did not take advantage of the Ford Extended Service Plan at the time of purchasing your vehicle, you may still be eligible. Please contact your dealer for further information. Since this information is subject to change, please ask your dealer for complete details about Ford Extended Service Plan coverage options, or visit the Ford ESP website at www.ford-esp.com.

THE DISPUTE SETTLEMENT BOARD (U.S. ONLY)

The Dispute Settlement Board is:

- an independent, third-party arbitration program for warranty disputes.
- available free to owners and lessees of qualifying Ford Motor Company vehicles.

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The Dispute Settlement Board may not be available in all states. Ford Motor Company reserves the right to change eligibility limitations, modify procedures and/or to discontinue this service without notice and without incurring obligations per applicable state law.

What kinds of cases does the Board review?

Unresolved warranty repair concerns or vehicle performance concerns as on Ford and Lincoln Mercury cars and Ford and Lincoln Mercury light trucks which are within the terms of any applicable written new vehicle warranty are eligible for review, except those involving:

- a non-Ford product
- a non-Ford dealership
- sales disputes between customer and dealer except those associated with warranty repairs or concerns with the vehicle's performance as designed
- a request for reimbursement of consequential expenses unless a service or product concern is being reviewed
- items not covered by the New Vehicle Limited Warranty (including maintenance and wear items)
- alleged personal injury/property damage claims
- cases currently in litigation
- vehicles not used primarily for family, personal or household purposes (except in states where the Dispute Settlement Board is required to review commercial vehicles)
- vehicles with non-U.S. warranties

Concerns are ineligible for review if the New Vehicle Limited Warranty has expired at receipt of your application and, in certain states eligibility is dependent upon the customer's possession of the vehicle.

Eligibility may differ according to state law. For example, see the unique brochures for California, West Virginia, Georgia and Wisconsin purchasers/lessees.

Board membership

The Board consists of:

- Three consumer representatives
- A Ford or Lincoln Mercury dealership representative

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Consumer candidates for Board membership are recruited and trained by an independent consulting firm. The dealership Board member is chosen from Ford and Lincoln Mercury dealership management, recognized for their business leadership qualities.

What the Board needs

To have your case reviewed you must complete the application in the DSB brochure and mail it to the address provided on the application form. Some states will require you to use certified mail, with return receipt requested.

Your application is reviewed and, if it is determined to be eligible, you will receive an acknowledgment indicating:

- The file number assigned to your application.
- The toll-free phone number of the DSB's independent administrator.

Your dealership and a Ford Motor Company representative will then be asked to submit statements.

To properly review your case, the Board needs the following information:

- Legible copies of all documents and maintenance or repair orders relevant to the case.
- The year, make, model, and Vehicle Identification Number (VIN) listed on your vehicle ownership license.
- The date of repair(s) and mileage at the time of occurrence(s).
- The current mileage.
- The name of the dealer(s) who sold or serviced the vehicle.
- A brief description of your unresolved concern.
- A brief summary of the action taken by the dealer(s) and Ford Motor Company.
- The names (if known) of all the people you contacted at the dealership(s).
- A description of the action you expect to resolve your concern.

You will receive a letter of explanation if your application does not qualify for Board review.

Oral presentations

If you would like to make an oral presentation, indicate YES to question 6 on the application. While it is your right to make an oral presentation before the Board, this is not a requirement and the Board will decide the case whether or not an oral presentation is made. An oral presentation may be requested by the Board as well.

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Making a decision

Board members review all available information related to each complaint, including oral presentations, and arrive at a fair and impartial decision. Board review may be terminated at any time by either party.

Every effort is made to decide the case within 40 days of the date that all requested information is received by the Board. Since the Board generally meets once a month, it may take longer for the Board to consider some cases.

After a case is reviewed, the Board mails you a decision letter and a form on which to accept or reject the Board's decision. The decisions of the Board are binding on Ford (and, in some cases, on the dealer) but not on consumers who are free to pursue other remedies available to them under state or federal law.

To request a DSB Brochure/Application

For a brochure/application, speak to your dealer or write/call to the Board at the following address/phone number:

Dispute Settlement Board
P.O. Box 5120
Southfield, MI 48086–5120
1–800–428–3718

You may also contact the North American Customer Relationship Center at 1-800-392-3673 (Ford), TDD for the hearing impaired: 1-800-232-5952 or by writing to the Center at the following address:

Ford Motor Company
Customer Relationship Center
16800 Executive Plaza Drive
P.O. Box 6248
Dearborn, Michigan 48121

UTILIZING THE MEDIATION/ARBITRATION PROGRAM (CANADA ONLY)

In those cases where you continue to feel that the efforts by Ford and the dealer to resolve a factory-related vehicle service concern have been unsatisfactory, Ford of Canada participates in an impartial third party mediation/arbitration program administered by the Canadian Motor Vehicle Arbitration Plan (CAMVAP).

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The CAMVAP program is a straight-forward and relatively speedy alternative to resolve a disagreement when all other efforts to produce a settlement have failed. This procedure is without cost to you and is designed to eliminate the need for lengthy and expensive legal proceedings.

In the CAMVAP program, impartial third-party arbitrators conduct hearings at mutually convenient times and places in an informal environment. These impartial arbitrators review the positions of the parties, make decisions and, when appropriate, render awards to resolve disputes. CAMVAP decisions are fast, fair, and final; the arbitrator's award is binding both to you and Ford of Canada.

CAMVAP services are available in all territories and provinces. For more information, without charge or obligation, call your CAMVAP Provincial Administrator directly at 1-800-207-0685.

GETTING ASSISTANCE OUTSIDE THE U.S. AND CANADA

Before exporting your vehicle to a foreign country, contact the appropriate foreign embassy or consulate. These officials can inform you of local vehicle registration regulations and where to find unleaded fuel.

If you cannot find unleaded fuel or can only get fuel with an anti-knock index lower than is recommended for your vehicle, contact a district or owner relations/customer relationship office.

The use of leaded fuel in your vehicle without proper conversion may damage the effectiveness of your emission control system and may cause engine knocking or serious engine damage. Ford Motor Company/Ford of Canada is not responsible for any damage caused by use of improper fuel.

In the United States, using leaded fuel may also result in difficulty importing your vehicle back into the U.S.

If your vehicle must be serviced while you are traveling or living in Central or South America, the Caribbean, or the Middle East, contact the nearest Ford dealership. If the dealership cannot help you, write or call:

FORD MOTOR COMPANY
WORLDWIDE DIRECT MARKET OPERATIONS
1555 Fairlane Drive
Fairlane Business Park #3
Allen Park, Michigan 48101
U.S.A.
Telephone: (313) 594-4857
FAX: (313) 390-0804

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If you are in another foreign country, contact the nearest Ford dealership. If the dealership employees cannot help you, they can direct you to the nearest Ford affiliate office.

If you buy your vehicle in North America and then relocate outside of the U.S. or Canada, register your vehicle identification number (VIN) and new address with Ford Motor Company Worldwide Direct Market Operations.

ORDERING ADDITIONAL OWNER'S LITERATURE

To order the publications in this portfolio, contact Helm, Incorporated at:

HELM, INCORPORATED
P.O. Box 07150
Detroit, Michigan 48207

Or call:

For a free publication catalog, order toll free: 1-800-782-4356

Monday-Friday 8:00 a.m. - 6:00 p.m. EST

Helm, Incorporated can also be reached by their website: www.helminc.com.

(Items in this catalog may be purchased by credit card, check or money order.)

Obtaining a French owner's guide

French Owner's Guides can be obtained from your dealer or by writing to Ford Motor Company of Canada, Limited, Service Publications, P.O. Box 1580, Station B, Mississauga, Ontario L4Y 4G3.

IN CALIFORNIA (U.S. ONLY)

California Civil Code Section 1793.2(d) requires that, if a manufacturer or its representative is unable to repair a motor vehicle to conform to the vehicle's applicable express warranty after a reasonable number of attempts, the manufacturer shall be required to either replace the vehicle with one substantially identical or repurchase the vehicle and reimburse the buyer in an amount equal to the actual price paid or payable by the consumer (less a reasonable allowance for consumer use). The consumer has the right to choose whether to receive a refund or replacement vehicle.

California Civil Code Section 1793.22(b) presumes that the manufacturer has had a reasonable number of attempts to conform the vehicle to its applicable express warranties if, within the first 18 months of ownership of a new vehicle or the first 29 000 km (18 000 miles), whichever occurs first:

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1. Two or more repair attempts are made on the same nonconformity likely to cause death or serious bodily injury OR

2. Four or more repair attempts are made on the same nonconformity (a defect or condition that substantially impairs the use, value or safety of the vehicle) OR

3. The vehicle is out of service for repair of nonconformities for a total of more than 30 calendar days (not necessarily all at one time)

In the case of 1 or 2 above, the consumer must also notify the manufacturer of the need for the repair of the nonconformity at the following address:

Ford Motor Company
16800 Executive Plaza Drive
Mail Drop 3NE-B
Dearborn, MI 48126

REPORTING SAFETY DEFECTS (U.S. ONLY)

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Ford Motor Company.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or Ford Motor Company.

To contact NHTSA, you may either call the Auto Safety Hotline toll-free at 1–800–424–9393 (or 366–0123 in the Washington D.C. area) or write to:

NHTSA
U.S. Department of Transportation
Washington, D.C. 20590

You can also obtain other information about motor vehicle safety from the Hotline.

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WASHING THE EXTERIOR

Wash your vehicle regularly with cool or lukewarm water and a neutral Ph shampoo, such as Detail Wash (ZC-3–A), which is available from your dealer.

- Never use strong household detergents or soap, such as dish washing or laundry liquid. These products can discolor and spot painted surfaces.
- Never wash a vehicle that is “hot to the touch” or during exposure to strong, direct sunlight.
- Always use a clean sponge or carwash mitt with plenty of water for best results.
- Dry the vehicle with a chamois or soft terry cloth towel in order to eliminate water spotting.
- It is especially important to wash the vehicle regularly during the winter months, as dirt and road salt are difficult to remove and cause damage to the vehicle.
- Immediately remove items such as gasoline, diesel fuel, bird droppings and insect deposits because they can cause damage to the vehicle’s paintwork and trim over time.
- Remove any exterior accessories, such as antennas, before entering a car wash.
- **Suntan lotions and insect repellents can damage any painted surface; if these substances come in contact with your vehicle, wash off as soon as possible.**

WAXING

Applying a polymer paint sealant to your vehicle every six months will assist in reducing minor scratches and paint damage.

- Wash the vehicle first.
- Do not use waxes that contain abrasives.
- Do not allow paint sealant to come in contact with any non-body (low-gloss black) colored trim, such as grained door handles, roof racks, bumpers, side moldings, mirror housings or the windshield cowl area. The paint sealant will “gray” or stain the parts over time.

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PAINT CHIPS

Your dealer has touch-up paint and sprays to match your vehicle's color. Take your color code (printed on a sticker in the driver's door jam) to your dealer to ensure you get the correct color.

- Remove particles such as bird droppings, tree sap, insect deposits, tar spots, road salt and industrial fallout before repairing paint chips.
- Always read the instructions before using the products.

ALUMINUM WHEELS AND COVERS

Aluminum wheel rims or covers are coated with a clearcoat paint finish. In order to maintain their shine:

- Clean with Detail Wash (ZC-3–A), which is available from your dealer.
- Never apply any cleaning chemical to hot or warm wheel rims or covers.
- Some automatic car washes may cause damage to the finish on your wheel rims or covers. Chemical-strength cleaners, or cleaning chemicals, in combination with brush agitation to remove brake dust and dirt, could wear away the clearcoat finish over time.
- Do not use hydrofluoric acid-based or high caustic-based wheel cleaners, steel wool, fuels or strong household detergent.
- To remove tar and grease, use Ford Extra Strength Tar and Road Oil Removal (B7A-19520–AA), available from your dealer.

ENGINE

Engines are more efficient when they are clean because grease and dirt buildup keep the engine warmer than normal. When washing:

- Take care when using a power washer to clean the engine. The high-pressure fluid could penetrate the sealed parts and cause damage.
- Do not spray a hot engine with cold water to avoid cracking the engine block or other engine components.
- Spray Motorcraft Engine Shampoo and Degreaser (ZC-20) on all parts that require cleaning and pressure rinse clean.
- Cover the highlighted areas to prevent water damage when cleaning the engine.

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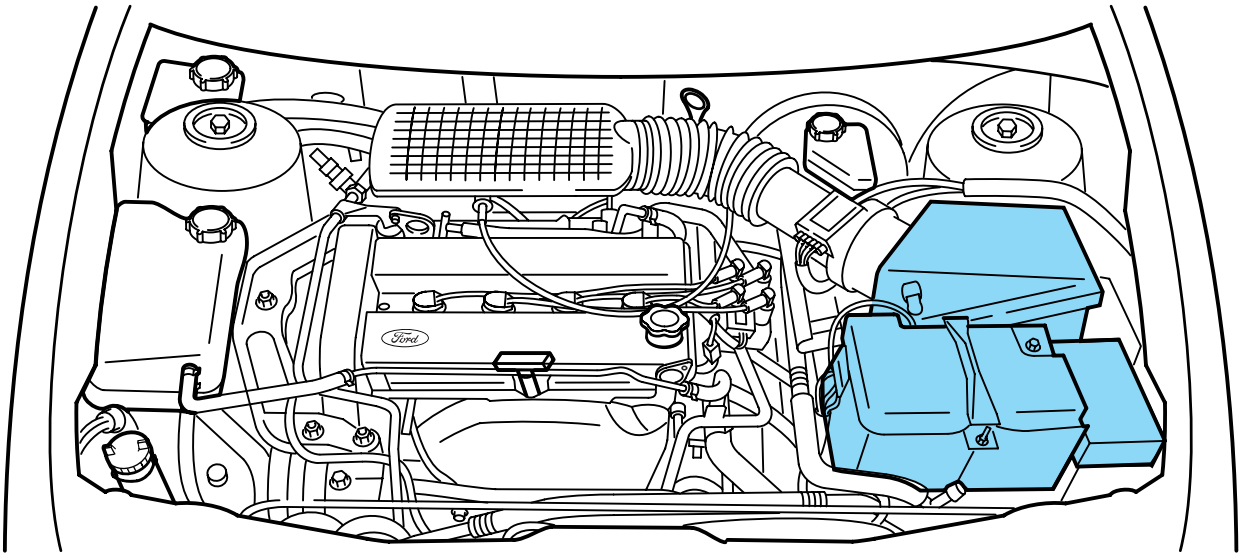
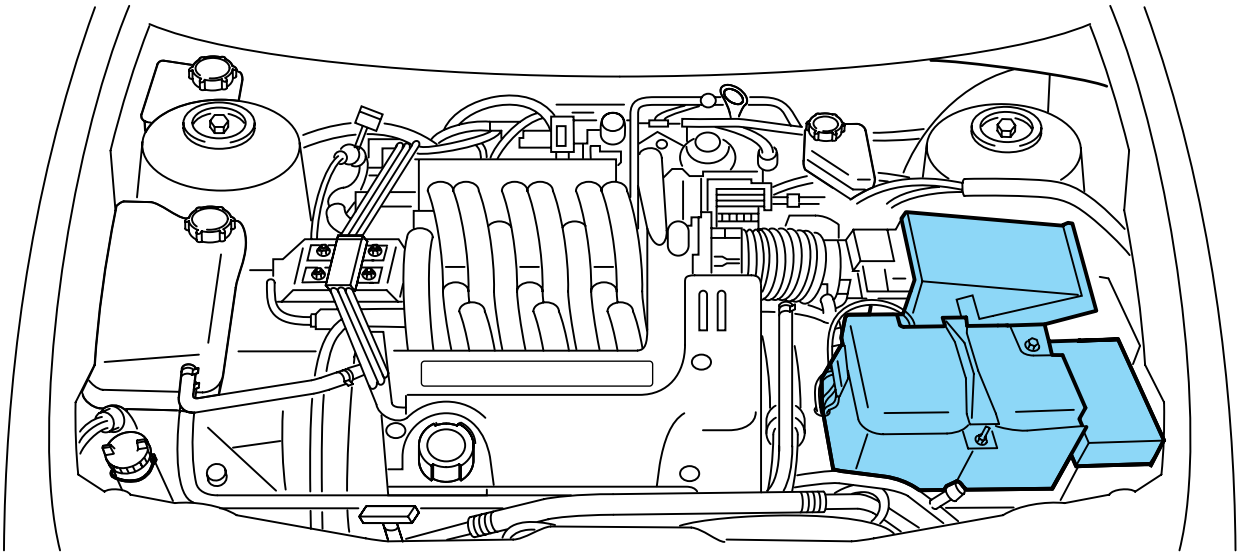


- **2.0L EFI**



- **2.5L EFI**
- Never wash or rinse the engine while it is running; water in the running engine may cause internal damage.

PLASTIC (NON-PAINTED) EXTERIOR PARTS

Use only approved products to clean plastic parts. These products are available from your dealer.

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- For routine cleaning, use Detail Wash (ZC-3–A).
- If tar or grease spots are present, use Ford Extra Strength Tar and Road Oil Removal (B7A-19520–AA).

WINDOWS AND WIPER BLADES

The windshield, rear window and wiper blades should be cleaned regularly. If the wiper does not wipe properly, substances on the windshield, rear window or the wiper blades may be the cause. These may include hot wax treatments used by commercial car washes, tree sap, or other organic contamination. To clean these items, please follow these tips:

- The windshield or rear window may be cleaned with a non-abrasive cleaner such as Motorcraft Ultra Clear Spray Glass Cleaner (ZC-23), available from your dealer.
- Do not use abrasives, as they may cause scratches.
- Do not use fuel, kerosene, or paint thinner to clean any parts.
- Wiper blades can be cleaned with isopropyl (rubbing) alcohol or windshield washer solution. Be sure to replace wiper blades when they appear worn or do not function properly.

INSTRUMENT PANEL AND CLUSTER LENS

Clean the instrument panel with a damp cloth, then dry with a dry cloth.

- Avoid cleaners or polish that increase the gloss of the upper portion of the instrument panel. The dull finish in this area helps protect the driver from undesirable windshield reflection.

Do not use chemical solvents or strong detergents when cleaning the steering wheel or instrument panel to avoid contamination of the air bag system.

- Be certain to wash or wipe your hands clean if you have been in contact with certain products such as insect repellent and suntan lotion in order to avoid possible damage to the painted surfaces.

CLEANING SEATS EQUIPPED WITH SIDE AIR BAGS

Remove dust and loose dirt with a vacuum cleaner. In order to remove stains and soil, clean with Extra Strength Upholstery Cleaner (E8AZ-19523–AA).

Never saturate the seat covers with any cleaning solution.

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Do not use chemical solvents or strong detergents when cleaning the seat where the side air bag is mounted. Such products could contaminate the side air bag system and affect performance of the side air bag in a collision. The air bag may not function correctly and not provide injury reduction benefits.

INTERIOR

For fabric, carpets, cloth seats, safety belts and seats equipped with side air bags:

- Remove dust and loose dirt with a vacuum cleaner.
- Remove light stains and soil with Ford Extra Strength Upholstery Cleaner (E8AZ-19523–AA).
- If grease or tar is present on the material, spot-clean the area first with Motorcraft Spot and Stain Remover (ZC-14).
- Never saturate the seat covers with cleaning solution.
- Do not use household cleaning products or glass cleaners, which can stain and discolor the fabric and affect the flame retardant abilities of the seat materials.

Do not use cleaning solvents, bleach or dye on the vehicle's safety belts, as these actions may weaken the belt webbing.

Do not use chemical solvents or strong detergents when cleaning the seat where the side air bag is mounted. Such products may contaminate the side air bag system and affect performance of the side air bag in a collision. The air bag may not function correctly and not provide any injury reduction benefits.

LEATHER SEATS (IF EQUIPPED)

Your leather seating surfaces have a clear, protective coating over the leather.

- To clean, use a soft cloth with Motorcraft Deluxe Leather and Vinyl Cleaner (ZC-11–A). Dry the area with a soft cloth.
- To help maintain its resiliency and color, use the Motorcraft Deluxe Leather Care Kit (ZC-11–D), available from your authorized dealer.
- Do not use household cleaning products, alcohol solutions, solvents or cleaners intended for rubber, vinyl and plastics, or oil/petroleum-based leather conditioners. These products may cause premature wearing of the clear, protective coating.

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UNDERBODY

Flush the complete underside of your vehicle frequently. Keep body and door drain holes free from packed dirt.

FORD, LINCOLN AND MERCURY CAR CARE PRODUCTS

Your Ford, Lincoln or Mercury dealer has many quality products available to clean your vehicle and protect its finishes. These quality products have been specifically engineered to fulfill your automotive needs; they are custom designed to complement the style and appearance of your vehicle. Each product is made from high quality materials that meet or exceed rigid specifications. For best results, use the following products or products of equivalent quality:

Motorcraft Custom Clearcoat Polish (ZC–8–A)

Ford Custom Vinyl Protectant* (not available in Canada) (F2AZ—19530–A)

Motorcraft Vinyl Cleaner (Canada only) (CXC-93)

Motorcraft Vinyl Conditioner (Canada only) (CXC-94)

Motorcraft Deluxe Leather and Vinyl Cleaner (not available in Canada) (ZC-11–A)

Ford Extra Strength Tar and Road Oil Remover* (not available in Canada) (B7A-19520–AA)

Ford Extra Strength Upholstery Cleaner (not available in Canada) (E8AZ-19523–AA)

Motorcraft Custom Bright Metal Cleaner (ZC-15)

Ford Premium Car Wash Concentrate (F2SZ-19523–WC)

Motorcraft Carlite Glass Cleaner (Canada only) (CXC-100)

Motorcraft Spot and Stain Remover (ZC-14)

Motorcraft Tire Detailer (ZC-28)

Motorcraft Triple Clean (ZC-13)

Motorcraft Ultra-Clear Spray Glass Cleaner (not available in Canada) (ZC-23)

Motorcraft Engine Shampoo and Degreaser (ZC-20)

* May be sold with the Motorcraft name

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SERVICE RECOMMENDATIONS

To help you service your vehicle:

- We highlight do-it-yourself items in the engine compartment for easy location.
- We provide a scheduled maintenance guide which makes tracking routine service easy.

If your vehicle requires professional service, your dealership can provide the necessary parts and service. Check your *Warranty Guide* to find out which parts and services are covered.

Use only recommended fuels, lubricants, fluids and service parts conforming to specifications. Motorcraft parts are designed and built to provide the best performance in your vehicle.

PRECAUTIONS WHEN SERVICING YOUR VEHICLE

Be especially careful when inspecting or servicing your vehicle.

- Do not work on a hot engine.
- When the engine is running, keep loose clothing, jewelry or long hair away from moving parts.
- Do not work on a vehicle with the engine running in an enclosed space, unless you are sure you have enough ventilation.
- Keep all lit cigarettes, open flames and other lit material away from the battery and all fuel related parts.

If you disconnect the battery, the engine must “relearn” its idle conditions before your vehicle will drive properly, as explained in the *Battery* section in this chapter.

Working with the engine off

- Automatic transmission:

1. Set the parking brake and ensure the gearshift is securely latched in P (Park).
2. Turn off the engine and remove the key.
3. Block the wheels to prevent the vehicle from moving unexpectedly.

- Manual transmission:

1. Set the parking brake.
2. Depress the clutch and place the gearshift in 1 (First).
3. Turn off the engine and remove the key.
4. Block the wheels to prevent the vehicle from moving unexpectedly.

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Working with the engine on

- Automatic transmission:

1. Set the parking brake and ensure the gearshift is securely latched in P (Park).

2. Block the wheels to prevent the vehicle from moving unexpectedly.

Note: Do not start your engine with the air cleaner removed and do not remove it while the engine is running.

- Manual transmission:

1. Set the parking brake, depress the clutch and place the gearshift in neutral.

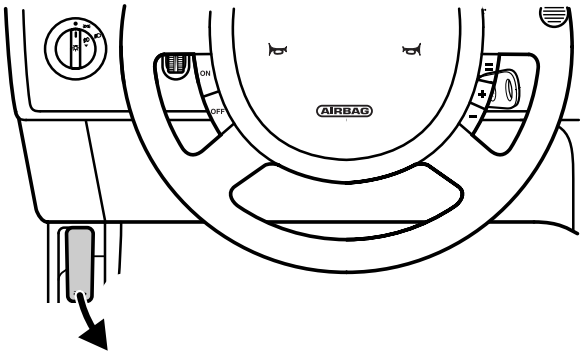
2. Block the wheels to prevent the vehicle from moving unexpectedly.

Note: Do not start your engine with the air cleaner removed and do not remove it while the engine is running.

The cooling fan is automatic and may come on at any time. Always disconnect the negative terminal of the battery before working near the fan.

OPENING THE HOOD

1. Inside the vehicle, pull the hood release handle located under the instrument panel.



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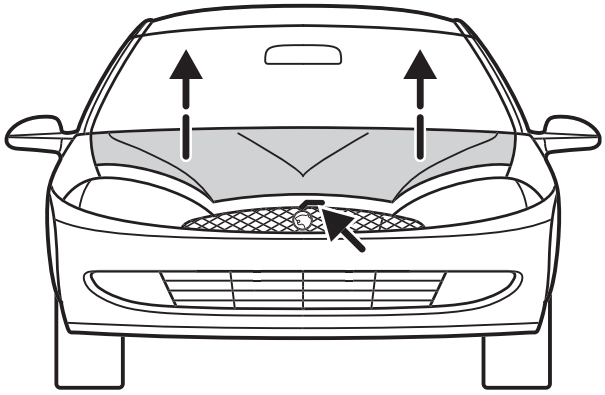
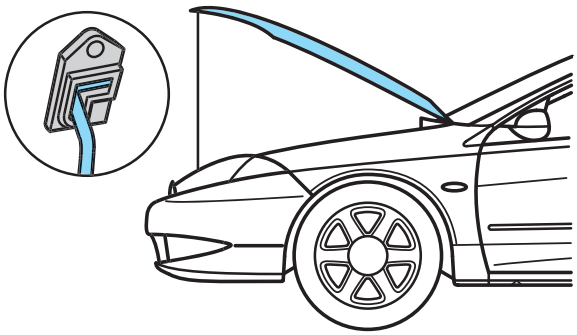
2. Go to the front of the vehicle and release the auxiliary latch that is located in the center top of the grill.





3. Lift the hood and support it with the strut in the yellow-colored retainer; ensuring it is secure.

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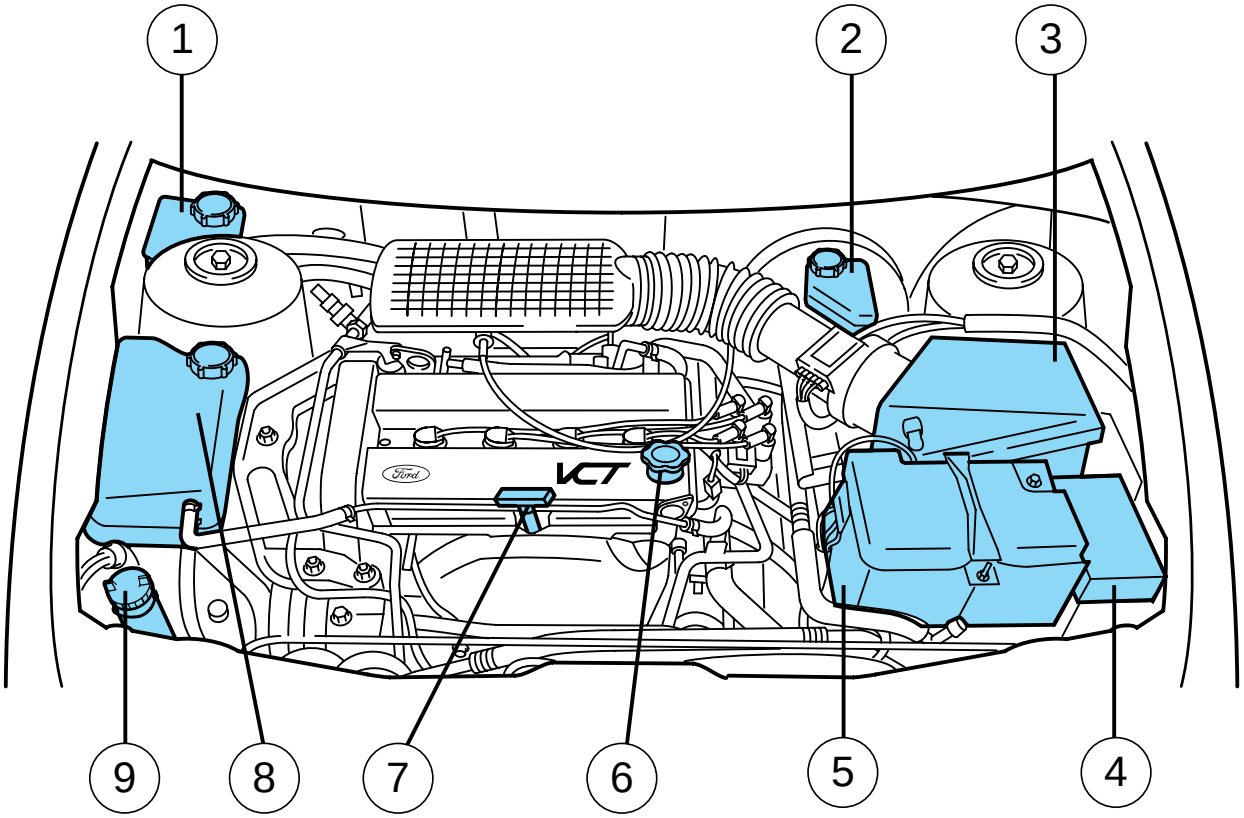
IDENTIFYING COMPONENTS IN THE ENGINE COMPARTMENT

2.0L I4 engine



1. Power steering fluid reservoir
2. Brake fluid reservoir
3. Air filter assembly
4. Power distribution box
5. Battery
6. Engine oil filler cap
7. Engine oil dipstick
8. Engine coolant reservoir
9. Windshield washer fluid reservoir

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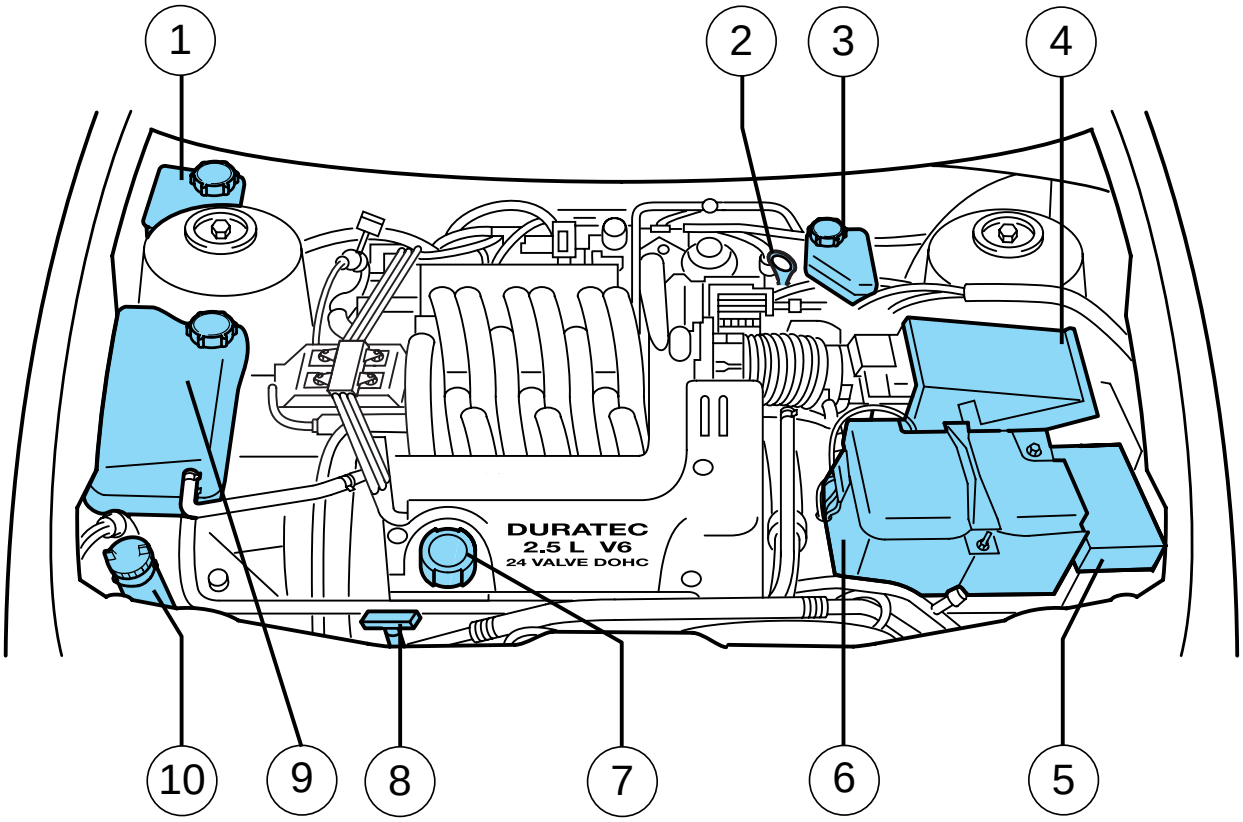
2.5L V6 engine



1. Power steering fluid reservoir
2. Automatic transmission fluid dipstick (if equipped)
3. Brake fluid reservoir
4. Air filter assembly
5. Power distribution box
6. Battery
7. Engine oil filler cap
8. Engine oil dipstick
9. Engine coolant reservoir
10. Windshield washer fluid reservoir

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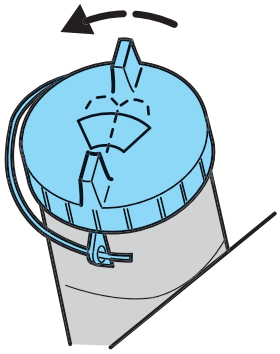
Check the washer fluid whenever you stop for fuel. The reservoir is highlighted with a symbol.

Add fluid to fill the reservoir if the level is low. In very cold weather, do not fill the reservoir completely.



Only use a washer fluid that meets Ford specification ESR-M17P5–A. Refer to *Lubricant specifications* in this chapter.

State or local regulations on volatile organic compounds may restrict the use of methanol, a common windshield washer antifreeze additive. Washer fluids containing non-methanol antifreeze agents should be used only if they provide cold weather protection without damaging the vehicle's paint finish, wiper blades or washer system.

Note: Do not put washer fluid in the engine coolant reservoir. Washer fluid placed in the cooling system may harm engine and cooling system components.

ENGINE OIL

Checking the engine oil

Refer to the scheduled maintenance guide for the appropriate intervals for checking the engine oil.

1. Make sure the vehicle is on level ground.

2. Turn the engine off and wait a few minutes for the oil to drain into the oil pan.

3. Set the parking brake and ensure the gearshift is securely latched in P (automatic transaxle) or 1st (manual transaxle).

4. Open the hood. Protect yourself from engine heat.

5. Locate and carefully remove the engine oil indicator (dipstick).

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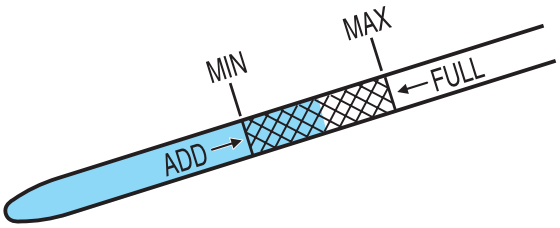
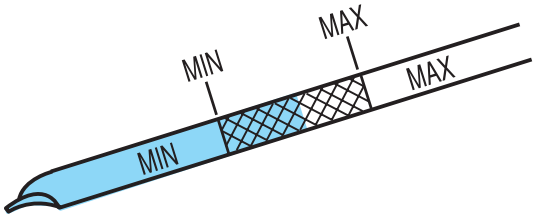
- 2.0L I4 engine

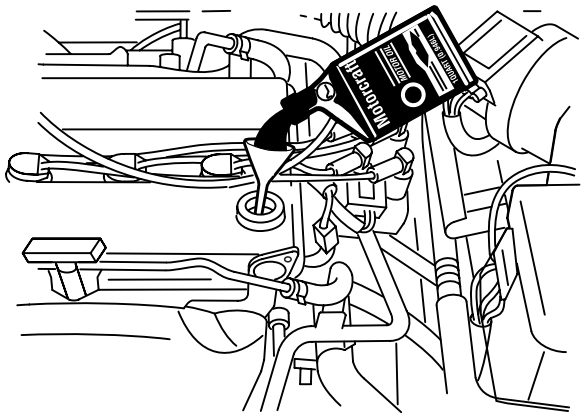


- 2.5L V6 engine



6. Wipe the indicator clean. Insert the indicator fully, then remove it again.

- If the oil level is **between the MIN and MAX marks,** the oil level is acceptable. **DO NOT ADD OIL.**
- If the oil level is below the MIN mark, add enough oil to raise the level within the MIN-MAX range.



- Oil levels above the MAX mark may cause engine damage. Some oil must be removed from the engine by a service technician.

7. Put the indicator back in and ensure it is fully seated.

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Adding engine oil

1. Check the engine oil. For instructions, refer to *Checking the engine oil* in this chapter.

2. If the engine oil level is not within the normal range, add only certified engine oil of the recommended viscosity. Remove the engine oil filler cap and use a funnel to pour the engine oil into the opening.

3. Recheck the engine oil level. Make sure the oil level is not above the MAX mark on the engine oil level indicator (dipstick).

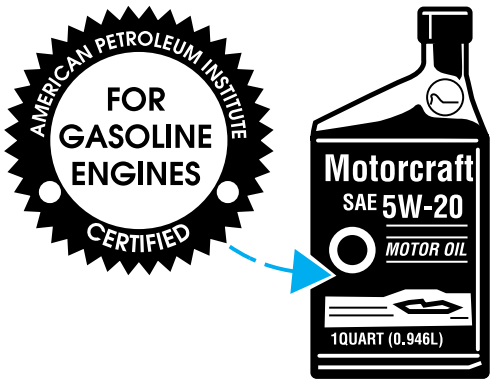
4. Install the indicator and ensure it is fully seated.

5. Fully install the engine oil filler cap by turning the filler cap clockwise tightly until clicks are heard, or until it is snug.

To avoid possible oil loss, DO NOT operate the vehicle with the engine oil level indicator and/or the engine oil filler cap removed.

Engine oil and filter recommendations

Look for this certification trademark.



SAE 5W-20 engine oil is recommended.

Only use oils “Certified For Gasoline Engines” by the American Petroleum Institute (API). Use Motorcraft or an equivalent oil meeting Ford specification WSS-M2C153–H. **SAE 5W-20 oil provides optimum fuel economy and durability performance meeting all requirements for your vehicle’s engine**.

Do not use supplemental engine oil additives, oil treatments or engine treatments. They are unnecessary and could, under certain conditions, lead to engine damage which is not covered by your warranty.

Change your engine oil and filter according to the appropriate schedule listed in the scheduled maintenance guide.

Ford production and aftermarket (Motorcraft) oil filters are designed for added engine protection and long life. If a replacement oil filter is used

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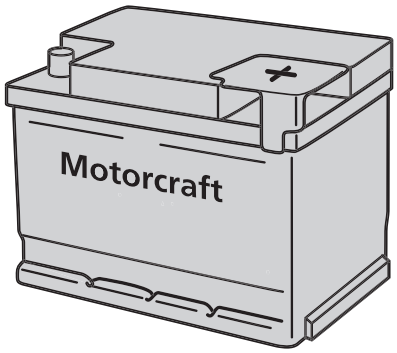
that does not meet Ford material and design specifications, start-up engine noises or knock may be experienced.

It is recommended you use the appropriate Motorcraft oil filter (or another brand meeting Ford specifications) for your engine application.

BATTERY

Your vehicle is equipped with a Motorcraft maintenance-free battery which normally does not require additional water during its life of service.



However, for severe usage or in high temperature climates, check the battery electrolyte level. Refer to the scheduled maintenance guide for the service interval schedules.

Keep the electrolyte level in each cell up to the "level indicator". Do not overfill the battery cells.

If the electrolyte level in the battery is low, you can add plain tap water to the battery, as long as you do not use hard water (water with a high mineral or alkali content). If possible, however, try to only fill the battery cells with distilled water. If the battery needs water often, have the charging system checked.

If your battery has a cover/shield, make sure it is reinstalled after the battery has been cleaned or replaced.

For longer, trouble-free operation, keep the top of the battery clean and dry. Also, make certain the battery cables are always tightly fastened to the battery terminals.

If you see any corrosion on the battery or terminals, remove the cables from the terminals and clean with a wire brush. You can neutralize the acid with a solution of baking soda and water.

Batteries normally produce explosive gases which can cause personal injury. Therefore, do not allow flames, sparks or lighted substances to come near the battery. When working near the battery, always shield your face and protect your eyes. Always provide proper ventilation.

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When lifting a plastic-cased battery, excessive pressure on the end walls could cause acid to flow through the vent caps, resulting in personal injury and/or damage to the vehicle or battery. Lift the battery with a battery carrier or with your hands on opposite corners.

Keep batteries out of reach of children. Batteries contain sulfuric acid. Avoid contact with skin, eyes or clothing. Shield your eyes when working near the battery to protect against possible splashing of acid solution. In case of acid contact with skin or eyes, flush immediately with water for a minimum of 15 minutes and get prompt medical attention. If acid is swallowed, call a physician immediately.

Battery posts, terminals and related accessories contain lead and lead compounds. **Wash hands after handling.**

Because your vehicle's engine is electronically controlled by a computer, some control conditions are maintained by power from the battery. When the battery is disconnected or a new battery is installed, the engine must relearn its idle and fuel trim strategy for optimum driveability and performance. To begin this process:

1. With the vehicle at a complete stop, set the parking brake.
2. Put the gearshift in P (Park) (automatic transaxle) or the neutral position (manual transaxle), turn off all accessories and start the engine.
3. Run the engine until it reaches normal operating temperature.
4. Allow the engine to idle for at least one minute.
5. Turn the A/C on and allow the engine to idle for at least one minute.
6. Drive the vehicle to complete the relearning process.

- The vehicle may need to be driven 16 km (10 miles) or more to relearn the idle and fuel trim strategy.
- **If you do not allow the engine to relearn its idle trim, the idle quality of your vehicle may be adversely affected until the idle trim is eventually relearned.**

When the battery is disconnected or a new battery installed, the transmission must learn its adaptive strategy. As a result of this, the transmission may shift firmly. This operation is considered normal and will fully update transmission operation to its optimum shift feel.

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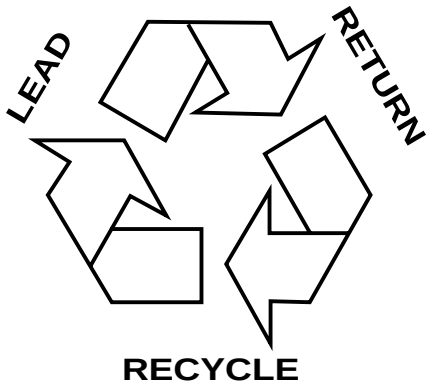
If the battery has been disconnected or a new battery has been installed, the clock and the preset radio stations must be reset once the battery is reconnected.

- Always dispose of automotive batteries in a responsible manner. Follow your local authorized standards for disposal. Call your local authorized recycling center to find out more about recycling automotive batteries.



ENGINE COOLANT

Checking engine coolant

The concentration and level of engine coolant should be checked at the mileage intervals listed in the scheduled maintenance guide. The coolant concentration should be maintained at 50/50 coolant and distilled water, which equates to a freeze point of -36° C (-34° F). Coolant concentration testing is possible with a hydrometer or antifreeze tester (such as the Rotunda Battery and Antifreeze Tester, 014–R1060). The level of coolant should be maintained at the “cold full” of “cold fill range” level in the coolant reservoir. If the level falls below, add coolant per the instructions in the *Adding engine coolant* section.

Your vehicle was factory-filled with a 50/50 engine coolant and water concentration. If the concentration of coolant falls below 40% or above 60%, the engine parts could become damaged or not work properly. **A 50–50 mixture of coolant and water provides the following:**

- **Freeze protection down to -36° C (-34° F).**
- **Boiling protection up to 129° C (265° F).**
- **Protection against rust and other forms of corrosion.**
- **Enables calibrated gauges to work properly.**

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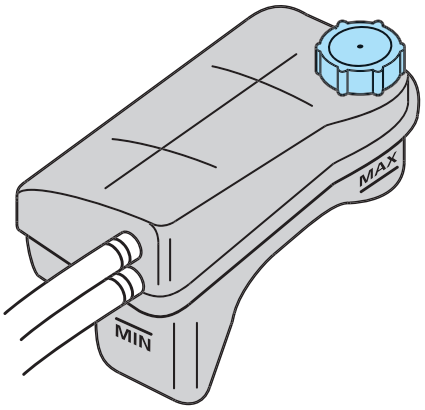
When the engine is cold, check the level of the engine coolant in the reservoir.



- The engine coolant should be at the “cold fill level” or within the “cold fill range” as listed on the engine coolant reservoir (depending upon application).
- Refer to the Scheduled Maintenance Guide for service interval schedules.
- Be sure to read and understand *Precautions when servicing your vehicle* in this chapter.

If the engine coolant has not been checked at the recommended interval, the engine coolant reservoir may become low or empty. If the reservoir is low or empty, add engine coolant to the reservoir. Refer to *Adding engine coolant* in this chapter.

Note: Automotive fluids are not interchangeable; do not use engine coolant, antifreeze or windshield washer fluid outside of its specified function and vehicle location.

Adding engine coolant

When adding coolant, make sure it is a 50/50 mixture of engine coolant and distilled water. Add the mixture to the coolant reservoir, **when the engine is cool**, until the appropriate fill level is obtained.

Do not add engine coolant when the engine is hot. Steam and scalding liquids released from a hot cooling system can burn you badly. Also, you can be burned if you spill coolant on hot engine parts.

Do not put engine coolant in the windshield washer fluid container. If sprayed on the windshield, engine coolant could make it difficult to see through the windshield.

The cooling system in your vehicle is filled with Motorcraft Specialty Orange Engine Coolant VC-2 or equivalent meeting Ford specification WSS-M97B44–D.

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To maintain the integrity of the coolant and the cooling system and maintain the warranty on the cooling system:

- **Add the type of coolant originally equipped in your vehicle.** If you are unsure which type of coolant your vehicle requires, check your coolant reservoir or contact your local dealer.
- **Do not add/mix a green-colored coolant such as Motorcraft Premium Engine Coolant, VC-4–A, meeting Ford specification ESE—M97B44–A with the factory-filled coolant.** Adding/mixing a conventional green coolant can result in degraded corrosion protection.
- **Do not add/mix a yellow-colored, extended life coolant such as Motorcraft Premium Gold Engine Coolant, VC-7–A (or VC-7–B in Oregon), meeting Ford specification WSS—M97B51–A1 with the factory-filled coolant.** Adding/mixing a yellow—colored extended life coolant can result in degraded corrosion protection.
- A large amount of water without engine coolant may be added, in case of emergency, to reach a vehicle service location. In this instance, the cooling system must be drained and refilled with a 50/50 mixture of engine coolant and distilled water as soon as possible. Water alone (without engine coolant) can cause engine damage from corrosion, overheating or freezing.
- **Do not use alcohol, methanol or brine or any engine coolants mixed with alcohol or methanol antifreeze (coolant).** Alcohol and other liquids can cause engine damage from overheating or freezing.
- **Do not add extra inhibitors or additives to the coolant.** These can be harmful and compromise the corrosion protection of the engine coolant.
- **Do not mix with recycled coolant unless from a Ford-approved recycling process (see** *Use of Recycled Engine Coolant* **section).**

For vehicles with overflow coolant systems with a non-pressurized cap on the coolant recovery system, add coolant to the coolant recovery reservoir when the engine is cool. Add the proper mixture of coolant and water to the “cold full” level. For all other vehicles, which have a coolant degas system with a pressurized cap, or if it is necessary to remove the coolant pressure relief cap on the radiator of a vehicle with an overflow system, follow these steps to add engine coolant.

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To avoid personal injury, make sure the engine is cool before unscrewing the coolant pressure relief cap. The cooling system is under pressure; steam and hot liquid can come out forcefully when the cap is loosened slightly.

1. Before you begin, turn the engine off and let it cool.
2. When the engine is cool, wrap a thick cloth around the coolant pressure relief cap on the coolant reservoir (an opaque plastic bottle). Slowly turn cap counterclockwise (left) until pressure begins to release.
3. Step back while the pressure releases.
4. When you are sure that all the pressure has been released, use the cloth to turn it counterclockwise and remove the cap.
5. Fill the coolant reservoir slowly with the proper coolant mixture (see above), to within the “cold fill range” or the “cold full” level on the reservoir. If you removed the radiator cap in an overflow system, fill the radiator until the coolant is visible and radiator is almost full.
6. Replace the cap. Turn until tightly installed. (Cap must be tightly installed to prevent coolant loss.)

After any coolant has been added, check the coolant concentration see Checking Engine Coolant section). If the concentration is not 50/50 (protection to –34° F/–36° C), drain some coolant and adjust the concentration. It may take several drains and additions to obtain a 50/50 coolant concentration.

Whenever coolant has been added, the coolant level in the coolant reservoir should be checked the next few times you drive the vehicle. If necessary, add enough 50/50 concentration of engine coolant and distilled water to bring the liquid level to the proper level.

If you have to add more than 1.0 liter (1.0 quart) of engine coolant per month, have your dealer check the engine cooling system. Your cooling system may have a leak. Operating an engine with a low level of coolant can result in engine overheating and possible engine damage.

Recycled engine coolant

Ford Motor Company does NOT recommend the use of recycled engine coolant in vehicles originally equipped with orange extended life coolant since a Ford-approved recycling process is not yet available.

Used engine coolant should be disposed of in an appropriate manner. Follow your community’s regulations and standards for recycling and disposing of automotive fluids.

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Coolant refill capacity

To find out how much fluid your vehicle's cooling system can hold, refer to *Refill capacities* in this chapter.

Fill your engine coolant reservoir as outlined in *Adding engine coolant* in this chapter.

Severe climates

If you drive in extremely cold climates (less than –36° C [–34° F]):

- **It may be necessary to increase the coolant concentration above 50%.**
- **NEVER increase the coolant concentration above 60%.**
- **Increased engine coolant concentrations above 60% will decrease the overheat protection characteristics of the engine coolant and may cause engine damage.**
- **Refer to the chart on the coolant container to ensure the coolant concentration in your vehicle will provide adequate freeze protection at the temperatures in which you drive in the winter months.**

If you drive in extremely hot climates:

- **It is still necessary to maintain the coolant concentration above 40%.**
- **NEVER decrease the coolant concentration below 40%.**
- **Decreased engine coolant concentrations below 40% will decrease the corrosion protection characteristics of the engine coolant and may cause engine damage.**
- **Decreased engine coolant concentrations below 40% will decrease the freeze protection characteristics of the engine coolant and may cause engine damage.**
- **Refer to the chart on the coolant container to ensure the coolant concentration in your vehicle will provide adequate protection at the temperatures in which you drive.**

Vehicles driven year-round in non-extreme climates should use a 50/50 mixture of engine coolant and distilled water for optimum cooling system and engine protection.

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WHAT YOU SHOULD KNOW ABOUT AUTOMOTIVE FUELS

Important safety precautions

Do not overfill the fuel tank. The pressure in an overfilled tank may cause leakage and lead to fuel spray and fire.

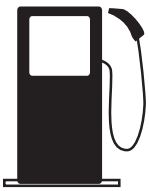
The fuel system may be under pressure. If the fuel filler cap is venting vapor or if you hear a hissing sound, wait until it stops before completely removing the fuel filler cap. Otherwise, fuel may spray out and injure you or others.

If you do not use the proper fuel filler cap, excessive pressure or vacuum in the fuel tank may damage the fuel system or cause the fuel cap to disengage in a collision, which may result in possible personal injury.

Automotive fuels can cause serious injury or death if misused or mishandled.

Gasoline may contain benzene, which is a cancer-causing agent.

Observe the following guidelines when handling automotive fuel:



- Extinguish all smoking materials and any open flames before fueling your vehicle.
- Always turn off the vehicle before fueling.
- Automotive fuels can be harmful or fatal if swallowed. Fuel such as gasoline is highly toxic and if swallowed can cause death or permanent injury. If fuel is swallowed, call a physician immediately, even if no symptoms are immediately apparent. The toxic effects of fuel may not be visible for hours.
- Avoid inhaling fuel vapors. Inhaling too much fuel vapor of any kind can lead to eye and respiratory tract irritation. In severe cases, excessive or prolonged breathing of fuel vapor can cause serious illness and permanent injury.

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- Avoid getting fuel liquid in your eyes. If fuel is splashed in the eyes, remove contact lenses (if worn), flush with water for 15 minutes and seek medical attention. Failure to seek proper medical attention could lead to permanent injury.
- Fuels can also be harmful if absorbed through the skin. If fuel is splashed on the skin and/or clothing, promptly remove contaminated clothing and wash skin thoroughly with soap and water. Repeated or prolonged skin contact with fuel liquid or vapor causes skin irritation.
- Be particularly careful if you are taking “Antabuse” or other forms of disulfiram for the treatment of alcoholism. Breathing gasoline vapors, or skin contact could cause an adverse reaction. In sensitive individuals, serious personal injury or sickness may result. If fuel is splashed on the skin, promptly wash skin thoroughly with soap and water. Consult a physician immediately if you experience an adverse reaction.

When refueling always shut the engine off and never allow sparks or open flames near the filler neck. Never smoke while refueling. Fuel vapor is extremely hazardous under certain conditions. Care should be taken to avoid inhaling excess fumes.

The flow of fuel through a fuel pump nozzle can produce static electricity, which can cause a fire if fuel is pumped into an ungrounded fuel container.

Use the following guidelines to avoid static build-up when filling an ungrounded fuel container:

- Place approved fuel container on the ground.
- DO NOT fill a fuel container while it is in the vehicle (including the cargo area).
- Keep the fuel pump nozzle in contact with the fuel container while filling.
- DO NOT use a device that would hold the fuel pump handle in the fill position.

Fuel Filler Cap

Your fuel tank filler cap has an indexed design with a 1/8 turn on/off feature.

When fueling your vehicle:

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1. Turn the engine off.

2. Carefully turn the filler cap counterclockwise 1/8 of a turn until it stops.

3. Pull to remove the cap from the fuel filler pipe.

4. To install the cap, align the tabs on the cap with the notches on the filler pipe.

5. Turn the filler cap clockwise 1/8 of a turn until it stops.

If the “Service Engine Soon/Check Engine” indicator comes on and stays on after you start the engine, the fuel filler cap may not be properly installed. Turn off the engine, remove the fuel filler cap, align the cap properly and reinstall it.

If you must replace the fuel filler cap, replace it with a fuel filler cap that is designed for your vehicle. The customer warranty may be void for any damage to the fuel tank or fuel system if the correct genuine Ford or Motorcraft fuel filler cap is not used.

The fuel system may be under pressure. If the fuel filler cap is venting vapor or if you hear a hissing sound, wait until it stops before completely removing the fuel filler cap. Otherwise, fuel may spray out and injure you or others.

If you do not use the proper fuel filler cap, excessive pressure or vacuum in the fuel tank may damage the fuel system or cause the fuel cap to disengage in a collision, which may result in possible personal injury.

Choosing the right fuel

Use only UNLEADED FUEL. The use of leaded fuel is prohibited by law and could damage your vehicle.

Do not use fuel containing methanol. It can damage critical fuel system components.

Your vehicle was not designed to use fuel or fuel additives with metallic compounds, including manganese-based compounds containing MMT.

Repairs to correct the effects of using a fuel for which your vehicle was not designed may not be covered by your warranty.

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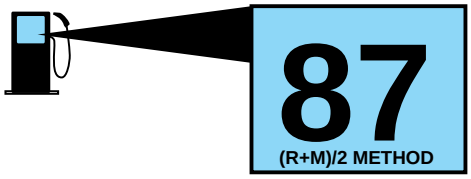
Octane recommendations



Your vehicle is designed to use "Regular" unleaded gasoline with pump (R+M)/2 octane rating of 87. We do not recommend the use of gasolines labeled as "Regular" that are sold with octane ratings of 86 or lower in high altitude areas.

For Cougar S vehicles, please use "Premium" unleaded gasoline with an octane rating of 91.

Do not be concerned if your engine sometimes knocks lightly. However, if it knocks heavily under most driving conditions while you are using fuel with the recommended octane rating, see your dealer or a qualified service technician to prevent any engine damage.

Fuel quality

If you are experiencing starting, rough idle or hesitation driveability problems during a cold start, try a different brand of "Regular" unleaded gasoline. "Premium" unleaded gasoline is not recommended (particularly in the United States) because it may cause these problems to become more pronounced. If the problems persist, see your dealer or a qualified service technician.

It should not be necessary to add any aftermarket products to your fuel tank if you continue to use high quality fuel of the recommended octane rating. Aftermarket products could cause damage to the fuel system. Repairs to correct the effects of using an aftermarket product in your fuel may not be covered by your warranty.

Many of the world's automakers issued the World-wide Fuel Charter that recommends gasoline specifications to provide improved performance and emission control system protection for your vehicle. Gasolines that meet the World-wide Fuel Charter should be used when available. Ask your fuel supplier about gasolines that meet the World-wide Fuel Charter. In Canada, look for fuels that display the **Auto Makers' Choice**™ logo.

Cleaner air

Ford endorses the use of reformulated "cleaner-burning" gasolines to improve air quality.

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ESSENTIALS OF GOOD FUEL ECONOMY

Measuring techniques

Your best source of information about actual fuel economy is you, the driver. You must gather information as accurately and consistently as possible. Fuel expense, frequency of fill-ups or fuel gauge readings are NOT accurate as a measure of fuel economy. We do not recommend taking fuel economy measurements during the first 1 600 km (1 000 miles) of driving (engine break-in period). You will get a more accurate measurement after 3 000 km–5 000 km (2 000 miles-3 000 miles).

Filling the tank

The advertised fuel capacity of the fuel tank on your vehicle is equal to the rated refill capacity of the fuel tank as listed in the *Refill capacities* section of this chapter.

The advertised capacity is the amount of the indicated capacity and the empty reserve combined. Indicated capacity is the difference in the amount of fuel in a full tank and a tank when the fuel gauge indicates empty. Empty reserve is the small amount of fuel remaining in the fuel tank after the fuel gauge indicates empty.

The amount of usable fuel in the empty reserve varies and should not be relied upon to increase driving range. When refueling your vehicle after the fuel gauge indicates empty, you might not be able to refuel the full amount of the advertised capacity of the fuel tank due to the empty reserve still present in the tank.

For consistent results when filling the fuel tank:

- Turn the engine/ignition switch to the off position prior to refueling, an error in the reading will result if the engine is left running.
- Use the same filling rate setting (low — medium — high) each time the tank is filled.
- Allow no more than 2 automatic click-offs when filling.
- Always use fuel with the recommended octane rating.
- Use a known quality gasoline, preferably a national brand.
- Use the same side of the same pump and have the vehicle facing the same direction each time you fill up.
- Have the vehicle loading and distribution the same every time.

Your results will be most accurate if your filling method is consistent.

Calculating fuel economy

1. Fill the fuel tank completely and record the initial odometer reading (in kilometers or miles).

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2. Each time you fill the tank, record the amount of fuel added (in liters or gallons).

3. After at least three to five tank fill-ups, fill the fuel tank and record the current odometer reading.

4. Subtract your initial odometer reading from the current odometer reading.

5. Follow one of the simple calculations in order to determine fuel economy:

Multiply liters used by 100, then divide by total kilometers traveled.

Divide total miles traveled by total gallons used.

Keep a record for at least one month and record the type of driving (city or highway). This will provide an accurate estimate of the vehicle's fuel economy under current driving conditions. Additionally, keeping records during summer and winter will show how temperature impacts fuel economy. In general, lower temperatures give lower fuel economy.

Driving style — good driving and fuel economy habits

Give consideration to the lists that follow and you may be able to change a number of variables and improve your fuel economy.

Habits

- Smooth, moderate operation can yield up to 10% savings in fuel.
- Steady speeds without stopping will usually give the best fuel economy.
- Idling for long periods of time (greater than one minute) may waste fuel.
- Anticipate stopping; slowing down may eliminate the need to stop.
- Sudden or hard accelerations may reduce fuel economy.
- Slow down gradually.
- Driving at reasonable speeds (traveling at 88 km/h [55 mph] uses 15% less fuel than traveling at 105 km/h [65 mph]).
- Revving the engine before turning it off may reduce fuel economy.
- Using the air conditioner or defroster may reduce fuel economy.
- You may want to turn off the speed control in hilly terrain if unnecessary shifting between third and fourth gear occurs. Unnecessary shifting of this type could result in reduced fuel economy.

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- Warming up a vehicle on cold mornings is not required and may reduce fuel economy.
- Resting your foot on the brake pedal while driving may reduce fuel economy.
- Combine errands and minimize stop-and-go driving.

Maintenance

- Keep tires properly inflated and use only recommended size.
- Operating a vehicle with the wheels out of alignment will reduce fuel economy.
- Use recommended engine oil. Refer to *Lubricant specifications* in this chapter.
- Perform all regularly scheduled maintenance items. Follow the recommended maintenance schedule and owner maintenance checks found in your vehicle scheduled maintenance guide.

Conditions

- Heavily loading a vehicle or towing a trailer may reduce fuel economy at any speed.
- Carrying unnecessary weight may reduce fuel economy (approximately 0.4 km/L [1 mpg] is lost for every 180 kg [400 lb] of weight carried).
- Adding certain accessories to your vehicle (for example bug deflectors, rollbars/light bars, running boards, ski/luggage racks) may reduce fuel economy.
- Using fuel blended with alcohol may lower fuel economy.
- Fuel economy may decrease with lower temperatures during the first 12–16 km (8–10 miles) of driving.
- Driving on flat terrain offers improved fuel economy as compared to driving on hilly terrain.
- Transmissions give their best fuel economy when operated in the top cruise gear and with steady pressure on the gas pedal.
- Close windows for high speed driving.

EPA window sticker

Every new vehicle should have the EPA window sticker. Contact your dealer if the window sticker is not supplied with your vehicle. The EPA window sticker should be your guide for the fuel economy comparisons with other vehicles.

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It is important to note the box in the lower left corner of the window sticker. These numbers represent the Range of L/100 km (MPG) expected on the vehicle under optimum conditions. Your fuel economy may vary depending upon the method of operation and conditions.

EMISSION CONTROL SYSTEM

Your vehicle is equipped with various emission control components and a catalytic converter which will enable your vehicle to comply with applicable exhaust emission standards. To make sure that the catalytic converter and other emission control components continue to work properly:

- Use only the specified fuel listed.
- Avoid running out of fuel.
- Do not turn off the ignition while your vehicle is moving, especially at high speeds.
- Have the items listed in your scheduled maintenance guide performed according to the specified schedule.

The scheduled maintenance items listed in the scheduled maintenance guide are essential to the life and performance of your vehicle and to its emissions system.

If other than Ford, Motorcraft or Ford-authorized parts are used for maintenance replacements or for service of components affecting emission control, such non-Ford parts should be equivalent to genuine Ford Motor Company parts in performance and durability.

Do not park, idle, or drive your vehicle in dry grass or other dry ground cover. The emission system heats up the engine compartment and exhaust system, which can start a fire.

Illumination of the “Check Engine” light, charging system warning light or the temperature warning light, fluid leaks, strange odors, smoke or loss of engine power, could indicate that the emission control system is not working properly.

Exhaust leaks may result in entry of harmful and potentially lethal fumes into the passenger compartment.

Do not make any unauthorized changes to your vehicle or engine. By law, vehicle owners and anyone who manufactures, repairs, services, sells, leases, trades vehicles, or supervises a fleet of vehicles are not

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permitted to intentionally remove an emission control device or prevent it from working. Information about your vehicle's emission system is on the Vehicle Emission Control Information Decal located on or near the engine. This decal identifies engine displacement and gives some tune up specifications.

Please consult your *Warranty Guide* for complete emission warranty information.

Readiness for Inspection/Maintenance (I/M) testing

In some localities, it may be a legal requirement to pass an I/M test of the on-board diagnostics system. If your "Check Engine/Service Engine Soon" light is on, refer to the description in the *Warning lights and chimes* section of the *Instrument cluster* chapter. Your vehicle may not pass the I/M test with the "Check Engine/Service Engine Soon" light on.

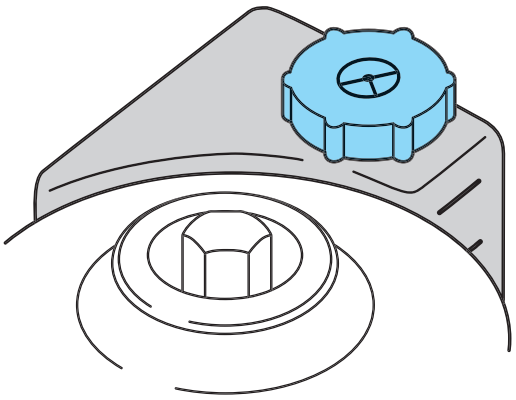
If the vehicle's powertrain system or its battery has just been serviced, the on-board diagnostics system is reset to a "not ready for I/M test" condition. To ready the on-board diagnostics system for I/M testing, a minimum of 30 minutes of city and highway driving is necessary as described below:

- First, at least 10 minutes of driving on an expressway or highway.
- Next, at least 20 minutes driving in stop-and-go, city-type traffic with at least four idle periods.

Allow the vehicle to sit for at least eight hours without starting the engine. Then, start the engine and complete the above driving cycle. The engine must warm up to its normal operating temperature. Once started, do not turn off the engine until the above driving cycle is complete.

CHECKING AND ADDING POWER STEERING FLUID

Check the power steering fluid. Refer to the scheduled maintenance guide for the service interval schedules. If adding fluid is necessary, use only MERCON® ATF.



1. Start the engine and let it run until it reaches normal operating temperature (the engine coolant temperature gauge indicator will be near the center of the normal area between H and C).

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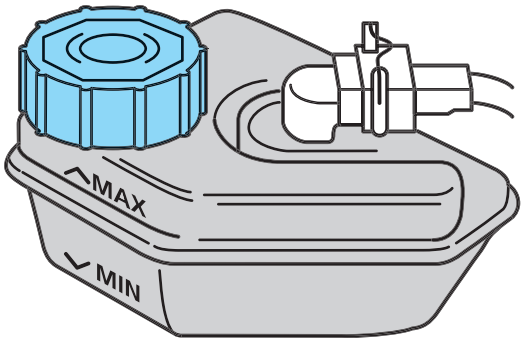
2. While the engine idles, turn the steering wheel left and right several times.
3. Turn the engine off.
4. Check the fluid level in the reservoir. It should be between the MIN and MAX lines. Do not add fluid if the level is in this range.
5. If the fluid is low, add fluid in small amounts, continuously checking the level until it reaches the range between the MIN and MAX lines. Be sure to put the cap back on the reservoir.

BRAKE FLUID

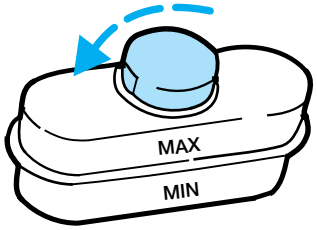
Checking and adding brake fluid

Brake fluid should be checked and refilled as needed. Refer to the scheduled maintenance guide for the service interval schedules.

1. Clean the reservoir cap before removal to prevent dirt or water from entering the reservoir.



2. Visually inspect the fluid level.
3. If necessary, add brake fluid from a clean un-opened container until the level reaches MAX. Do not fill above this line.



4. Use only brake fluids certified to meet Ford specification ESA-M6C25–A. Refer to *Lubricant specifications* in this chapter. DOT 3 fluid is recommended. However, if DOT 3 is not available, DOT 4 fluid can be used.

Brake fluid is toxic. If brake fluid contacts the eyes, flush eyes with running water for 15 minutes. Seek medical attention if irritation persists. If taken internally, drink water and induce vomiting. Seek medical attention immediately.

If you use DOT 5 or any other brake fluid that is not DOT 3 or DOT 4, you will cause permanent damage to your brakes.

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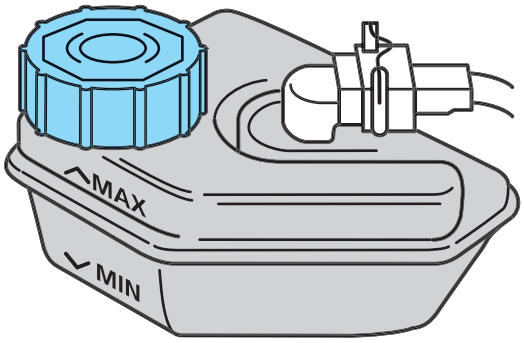
Do not let the fluid level in the reservoir for the master cylinder fall below the MIN mark. If master cylinder runs dry, this may cause the brakes to fail.

CLUTCH FLUID (IF EQUIPPED)

The clutch master cylinder and brake master cylinder are part of the same system; both are refillable through the brake master cylinder with brake fluid. For more information on brake fluid maintenance, refer to *Brake fluid* in this chapter.



Brake fluid is toxic. If brake fluid contacts the eyes, flush eyes with running water for 15 minutes. Seek medical if irritation persists. If taken internally, drink water and induce vomiting. Seek medical attention immediately.

TRANSMISSION FLUID

Checking automatic transmission fluid

Refer to your scheduled maintenance guide for scheduled intervals for fluid checks and changes. Your transaxle does not consume fluid. However, the fluid level should be checked if the transaxle is not working properly, i.e., if the transaxle slips or shifts slowly or if you notice some sign of fluid leakage.

Automatic transmission fluid expands when warmed. To obtain an accurate fluid check, drive the vehicle until it is warmed up (approximately 30 km [20 miles]). If your vehicle has been operated for an extended period at high speeds, in city traffic during hot weather or pulling a trailer, the vehicle should be turned off for about 30 minutes to allow fluid to cool before checking.

1. Drive the vehicle 30 km (20 miles) or until it reaches normal operating temperature.

2. Park the vehicle on a level surface and engage the parking brake.

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3. With the parking brake engaged and your foot on the brake pedal, start the engine and move the gearshift lever through all of the gear ranges. Allow sufficient time for each gear to engage.

4. Latch the gearshift lever in P (Park) and leave the engine running.

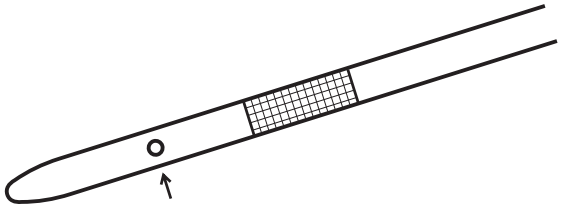
5. Remove the dipstick, wiping it clean with a clean, dry lint free rag. If necessary, refer to *Identifying components in the engine compartment* in this chapter for the location of the dipstick.

6. Install the dipstick making sure it is fully seated in the filler tube.

7. Remove the dipstick and inspect the fluid level. The fluid should be in the designated areas for normal operating temperature.

Low fluid level

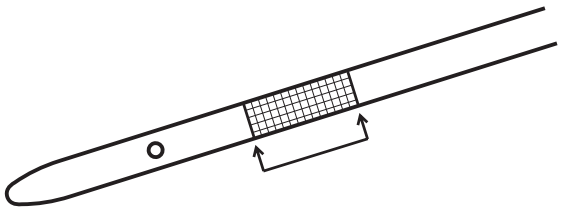
Do not drive the vehicle if the fluid level is at the bottom of the dipstick and the outside temperatures are above 10°C (50°F).



Correct fluid level

The transmission fluid should be checked at normal operating temperatures 66°C-77°C (150°F-170°F) on a level surface. The normal operating temperature can be reached after approximately 30 km (20 miles) of driving.

The transmission fluid should be in this range if at normal operating temperature (66°C-77°C [150°F-170°F]).



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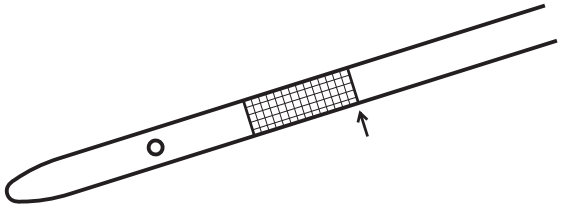
High fluid level

Fluid levels above the safe range may result in transaxle failure. An overfill condition of transmission fluid may cause shift and/or engagement concerns and/or possible damage.

High fluid levels can be caused by an overheating condition.



Adjusting automatic transmission fluid levels

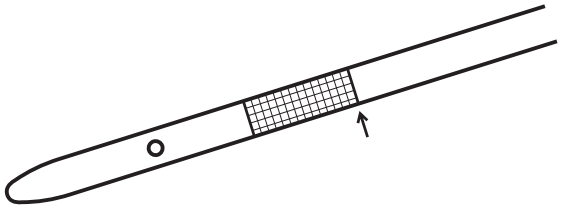
Before adding any fluid, make sure the correct type is used. The type of fluid used is normally indicated on the dipstick and also in the *Lubricant specifications* section in this chapter.

Use of a non-approved automatic transmission fluid may cause internal transaxle component damage.

If necessary, add fluid in 250 mL (1/2 pint) increments through the filler tube until the level is correct.

If an overfill occurs, excess fluid should be removed by a qualified technician.

An overfill condition of transmission fluid may cause shift and/or engagement concerns and/or possible damage.



Do not use supplemental transmission fluid additives, treatments or cleaning agents. The use of these materials may affect transmission operation and result in damage to internal transmission components.

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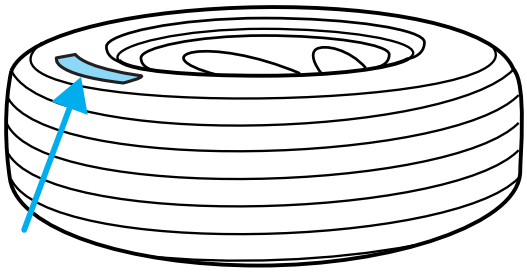
INFORMATION ABOUT UNIFORM TIRE QUALITY GRADING



New vehicles are fitted with tires that have a rating on them called Tire Quality Grades. The Quality grades can be found where applicable on the tire sidewall between tread shoulder and maximum section width. For example:

- **Treadwear 200 Traction AA Temperature A**

These Tire Quality Grades are determined by standards that the United States Department of Transportation has set.

Tire Quality Grades apply to new pneumatic tires for use on passenger cars. They do not apply to deep tread, winter-type snow tires, space-saver or temporary use spare tires, tires with nominal rim diameters of 10 to 12 inches or limited production tires as defined in Title 49 Code of Federal Regulations Part 575.104(c)(2).

U.S. Department of Transportation-Tire quality grades: The U.S. Department of Transportation requires Ford to give you the following information about tire grades exactly as the government has written it.

Treadwear

The treadwear grade is a comparative rating based on the wear rate of the tire when tested under controlled conditions on a specified government test course. For example, a tire graded 150 would wear one and one-half (1 1/2) times as well on the government course as a tire graded 100. The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices, and differences in road characteristics and climate.

Traction AA A B C

The traction grades, from highest to lowest are AA, A, B, and C. The grades represent the tire's ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance.

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The traction grade assigned to this tire is based on straight-ahead braking traction tests, and does not include acceleration, cornering, hydroplaning or peak traction characteristics.

Temperature A B C

The temperature grades are A (the highest), B and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel. Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The grade C corresponds to a level of performance which all passenger car tires must meet under the Federal Motor Vehicle Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law.

The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, underinflation, or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure.

SERVICING YOUR TIRES

Checking the tire pressure

- Use an accurate tire pressure gauge.
- Check the tire pressure when tires are cold, after the vehicle has been parked for at least one hour or has been driven less than 5 km (3 miles).
- Adjust tire pressure to recommended specifications found on the tire inflation placard located on the passenger side door.

Improperly inflated tires can affect vehicle handling and can fail suddenly, possibly resulting in loss of vehicle control.

Tire rotation

Because your vehicle's tires perform different jobs, they often wear differently. To make sure your tires wear evenly and last longer, rotate them as indicated in the scheduled maintenance guide. If you notice that the tires wear unevenly, have them checked.

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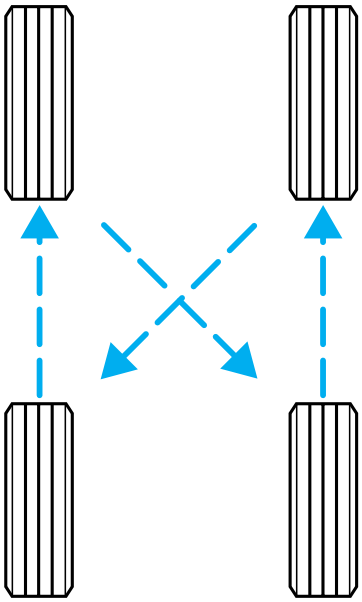
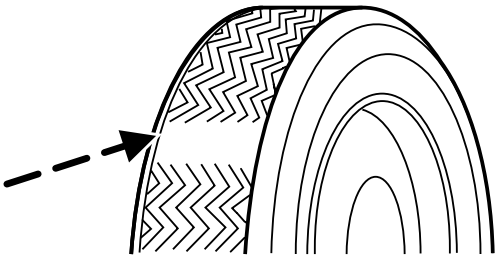
- Four tire rotation



Replacing the tires

Replace the tires when the wear band is visible through the tire treads.



When replacing full size tires, never mix radial bias-belted, or bias-type tires. Use only the tire sizes that are listed on the Certification or Tire Label. Make sure that all tires are the same size, speed rating, and load-carrying capacity. Use only the tire combinations recommended on the label. If you do not follow these precautions, your vehicle may not drive properly and safely.

Make sure that all replacement tires are of the same size, type, load-carrying capacity and tread design (e.g., “All Terrain”, “Touring”, etc.), as originally offered by Ford.

Failure to follow these precautions may adversely affect the handling of the vehicle and make it easier for the driver to lose control and roll over.

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Tires that are larger or smaller than your vehicle's original tires may also affect the accuracy of your speedometer.

SNOW TIRES AND CHAINS

Driving too fast for conditions creates the possibility of loss of vehicle control. Driving at very high speeds for extended periods of time may result in damage to vehicle components.

Snow tires must be the same size and grade as the tires you currently have on your vehicle.

The tires on your vehicle have all-weather treads that provide traction in rain or snow.

The use of snow cables is not recommended for this vehicle, as damage to your vehicle may occur under extreme handling or rough road conditions. However, if you choose to operate the vehicle with snow cables, avoid these conditions and follow the manufacturer's recommendations.

Do not use any type of tire chains, as this will likely cause damage to your vehicle.

MOTORCRAFT PART NUMBERS

Component	2.0L engine	2.5L engine
Air filter element	FA-1612	FA-1613
Fuel filter	FG-800A	FG-800A
Oil filter	FL-2005	FL-820
PCV valve	EV-224	EV-152
Battery	BXT-40R	BXT-40R
Cabin air filter	FP4	FP4
Crankcase ventilation filter	FA-1621	—
Spark plugs [1]	AZFS-22F # 1+2[2] AZFS-22FE # 3+4	AWSF-32F

[1] Refer to Vehicle Emissions Control Information (VECI) decal for spark plug gap information.

[2] If a spark plug is removed for inspection, it must be reinstalled in the same cylinder. If a spark plug needs to be replaced, use only spark plugs with the service number suffix letter "FE" as shown on the engine decal.

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REFILL CAPACITIES

Fluid	Ford Part Name	Application	Capacity
Brake fluid	Motorcraft High Performance DOT 3 Motor Vehicle Brake Fluid	All	Fill to MAX mark
Engine coolant[1]	Motorcraft Specialty Orange Engine Coolant	2.0L engine	6.6L (7.0 quarts)[2]
		2.5L engine	9.5L (10.0 quarts)[2] 9.7L (10.2 quarts)[3]
Engine oil (includes filter change)	Motorcraft SAE 5W-20 Premium Synthetic Blend Motor Oil	2.0L engine	4.25L (4.5 quarts)
		2.5L engine	5.5L (5.8 quarts)
Fuel tank capacity	N/A	All	58.5L (15.4 gallons)
Power steering fluid	Motorcraft MERCON® ATF	All	Fill to MAX mark
Transmission fluid[4]	Motorcraft MERCON® ATF	Automatic transaxles[4]	9.6L (10.2 quarts)
	Motorcraft Full Synthetic Manual Transmission Fluid	Manual transaxles[5]	2.6L (2.7 quarts)
Windshield washer fluid	Ultra-Clear Windshield Washer Concentrate	All	Fill to top of reservoir

[1]Add the coolant type originally equipped in your vehicle.

[2]Total capacity.

[3]With automatic transaxle.

[4]Ensure the correct automatic transmission fluid is used. Transmission fluid requirements are indicated on the dipstick or on the dipstick handle. MERCON® and MERCON® V are not interchangeable. DO NOT mix MERCON® and MERCON® V. Refer to your scheduled maintenance guide to determine the correct service interval.

[5]Service refill capacity is determined by filling the transmission to the bottom of the filler hole with the vehicle on a level surface.

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LUBRICANT SPECIFICATIONS

Item	Ford Part Name or Equivalent	Ford Part Number	Ford Specification
Brake fluid	Motorcraft High Performance DOT 3 Motor Vehicle Brake Fluid	PM-1	ESA-M6C25-A and DOT 3
Door latch, hood latch, auxiliary hood latch, trunk latch, seat tracks.	Multi-Purpose Grease	XG-4 or F5AZ-19G209-AA	ESR-M1C159-A
Lock cylinder	Penetrating and Lock Lubricant	XL-1	none
Automatic transaxle	Motorcraft MERCON® ATF	XT-2-QDX	MERCON®
Manual transaxle	Motorcraft Full Synthetic Manual Transmission Fluid	XT-M5-QS	WSD-M2C200–C
Engine oil	Motorcraft SAE 5W-20 Premium Synthetic Blend Motor Oil	XO-5W20-QSP	WSS-M2C153-H and API Certification Mark
Constant velocity joints	CV Joint Grease (High Temp.)	XG-2	ESP-M1C207-A
Engine coolant	Motorcraft Specialty Orange Engine Coolant	VC-2	WSS-M97B44–D
Power steering fluid	Motorcraft MERCON® ATF	XT-2-QDX	MERCON®
Windshield washer fluid	Ultra-clear Windshield Washer Concentrate	C9AZ-19550-AC	ESR-M17P5-A

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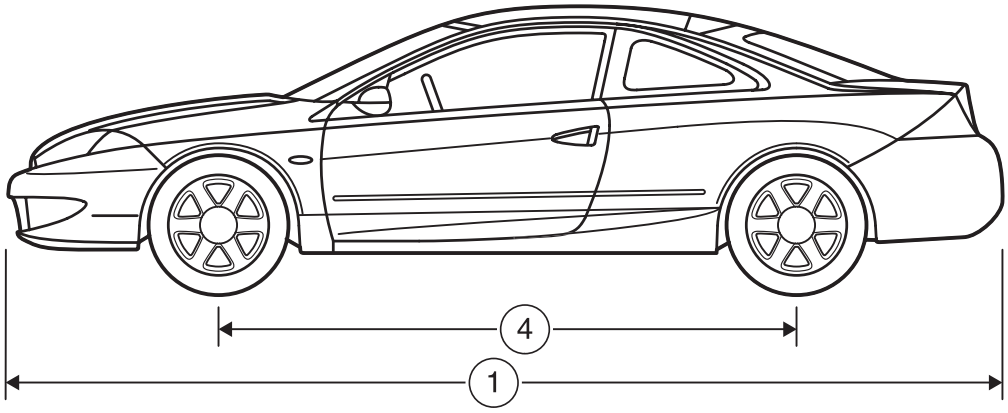
ENGINE DATA

Engine	2.0L engine	2.5L engine
Cubic inches	121	152
Required fuel	87 octane	87 octane
Firing order	1–3–4–2	1–4–2–5–3–6
Spark plug gap	1.37 mm (0.054 inch)	1.37 mm (0.054 inch)
Ignition system	Electronically Controlled	Electronically Controlled

VEHICLE DIMENSIONS

Vehicle dimensions	mm (in)
(1) Overall length	4720 (186)
(2) Overall width	1769 (69.6)
(3) Overall height	1325 (52.2)
(4) Wheelbase	2 704 (106.5)
(5) Track - Front	1506 (59.3)
(5) Track - Rear	1491 (58.7)



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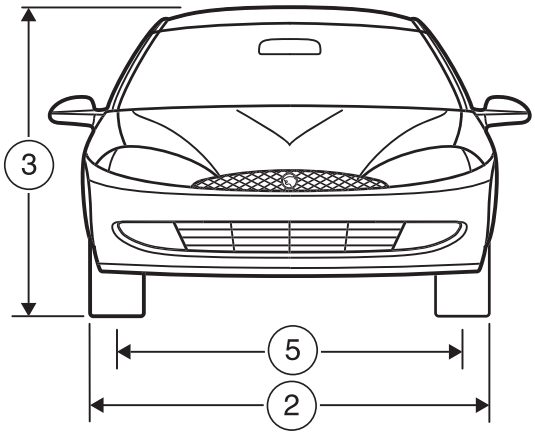
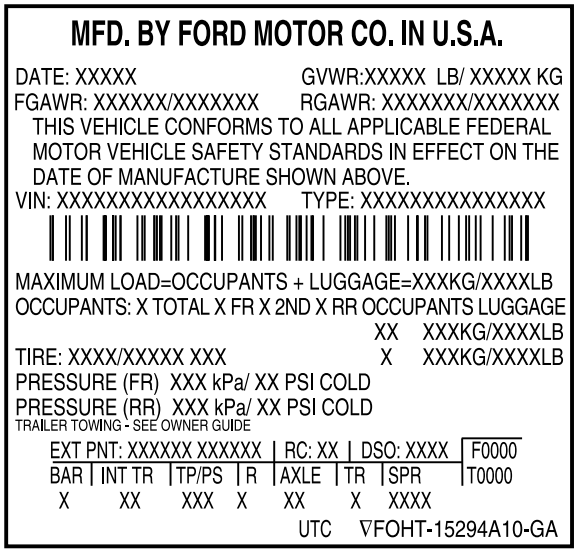


IDENTIFYING YOUR VEHICLE

Certification label

The National Highway Traffic Safety Administration Regulations require that a Certification label be affixed to a vehicle and prescribe where the Certification label may be located. The Certification label is located on the driver's door.



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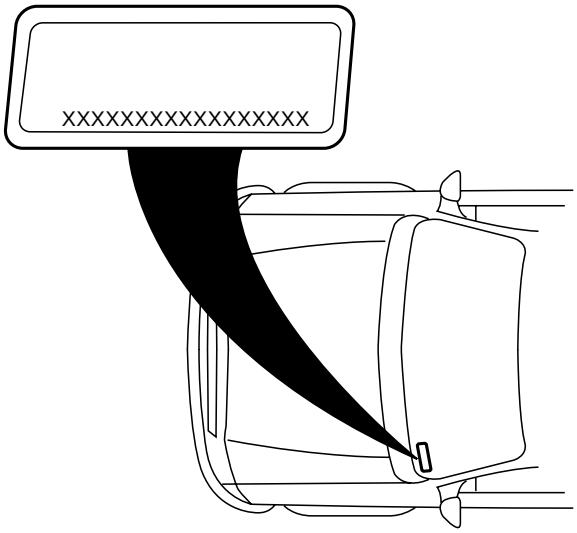
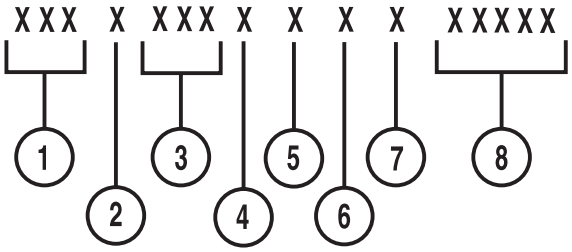
Vehicle identification number

The vehicle identification number is attached to a metal tag and is located on the driver side instrument panel. (Please note that in the graphic XXXX is representative of your vehicle identification number.)





1. World manufacturer identifier
2. Brake type and gross vehicle weight rating (GVWR)
3. Vehicle line, series, body type
4. Engine type
5. Check digit
6. Model year
7. Assembly plant
8. Production sequence number

Engine number

The engine number (the last eight numbers of the vehicle identification number) is stamped on the engine block and transmission.

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Accessories

FORD ACCESSORIES FOR YOUR VEHICLE

A wide selection of genuine Ford accessories are available for your vehicle through your local authorized Ford, Lincoln, Mercury or Ford of Canada dealer. These quality accessories have been specifically engineered to fulfill your automotive needs; they are custom designed to complement the style and aerodynamic appearance of your vehicle. In addition, each accessory is made from high quality materials and meets or exceeds Ford's rigorous engineering and safety specifications. Ford Motor Company will repair or replace any properly dealer-installed Ford accessory found to be defective in factory-supplied materials or workmanship during the warranty period, as well as any component damaged by the defective accessory. The accessory will be warranted for whichever provides you the greatest benefit:

- 12 months or 20 000 km (12 000 miles) (whichever occurs first), or
- the remainder of your new vehicle limited warranty.

This means that genuine Ford accessories purchased along with your new vehicle and installed by the dealer are covered for the full length of your New Vehicle's Limited Warranty — 3 years or 60 000 km (36 000 miles) (whichever occurs first). Contact your dealer for details and a copy of the warranty.

Not all accessories are available for all models.

Vehicle Security

Remote keyless entry

Styled wheel protector locks

Vehicle security systems

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Comfort and convenience

Cargo liner
Cargo net
Cargo organizer
Dash trim
Engine block heater
First aid kit
Gearshift knob
Highway safety kit
Remote start

Travel equipment

Console armrest
Daytime running lights (DRL)
Removable luggage rack
Removable luggage rack adapters (bike, ski and snowboard)
Fog lamps
Speed control

Protection and appearance equipment

Car cover
Cargo liner
Carpet floor mats
Flat splash guards
Front end covers (full and mini)
Hood Deflectors
Lubricants and oils
Molded splash guards
Molded vinyl floor mats
Side window deflector
Styled hood deflector
Touch-up paint
Universal floor mats

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Accessories

For maximum vehicle performance, keep the following information in mind when adding accessories or equipment to your vehicle:

- When adding accessories, equipment, passengers and luggage to your vehicle, do not exceed the total weight capacity of the vehicle or of the front or rear axle (GVWR or GAWR as indicated on the Safety compliance certification label). Consult your dealer for specific weight information.
- The Federal Communications Commission (FCC) and Canadian Radio Telecommunications Commission (CRTC) regulate the use of mobile communications systems - such as two-way radios, telephones and theft alarms - that are equipped with radio transmitters. Any such equipment installed in your vehicle should comply with FCC or CRTC regulations and should be installed only by a qualified service technician.
- Mobile communications systems may harm the operation of your vehicle, particularly if they are not properly designed for automotive use or are not properly installed. When operated, such systems may cause the engine to stumble or stall or cause the transmission to be damaged or operate improperly. In addition, such systems may be damaged or their performance may be affected by operating your vehicle. (Citizens band [CB] transceivers, garage door openers and other transmitters with outputs of five watts or less will not ordinarily affect your vehicle's operation.)
- Ford cannot assume responsibility for any adverse effects or damage that may result from the use of such equipment.

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