Table of Contents

Table of Contents

Table of Contents

Introduction

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

Introduction

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.

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.

Introduction

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.

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 baby seats should **NEVER** be used in front of a passenger side air bag.

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	

Vehicle Symbol Glossary

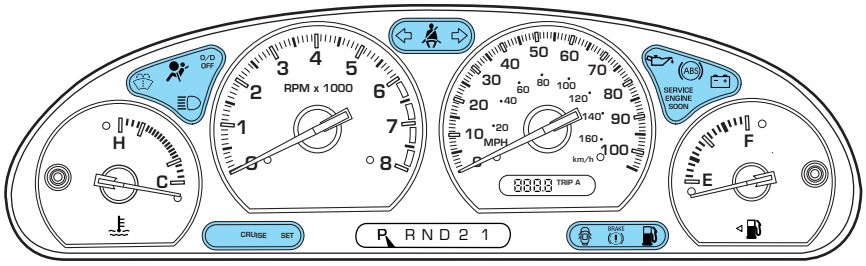
Power Window Lockout		Child Safety Door Lock/Unlock	
Interior Luggage Compartment Release Symbol		Panic Alarm	
Engine Oil		Engine Coolant	
Engine Coolant Temperature		Do Not Open When Hot	
Battery		Avoid Smoking, Flames, or Sparks	
Battery Acid		Explosive Gas	
Fan Warning		Power Steering Fluid	
Maintain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

Instrument Cluster

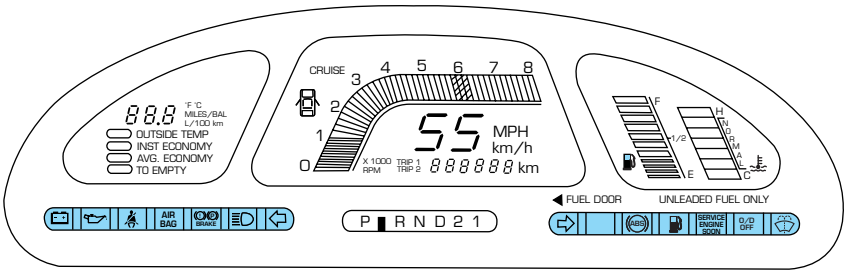
WARNING LIGHTS AND CHIMES

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.**

Standard analog instrument cluster



Optional electronic instrument cluster



Service engine soon

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. The vehicle will usually be drivable and will not require towing.

Light turns on solid:

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

1. The vehicle has run out of fuel.

2. Poor fuel quality or water in the fuel.

3. 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.

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

- Standard analog instrument cluster

- Optional electronic instrument cluster

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) (if equipped)

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.

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

• Standard analog instrument cluster

• Optional electronic instrument cluster

AIR
BAG

Illuminates to confirm that the air bags 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.

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).

Low washer fluid

Illuminates when the windshield washer fluid is low.

Speed control

• Standard analog instrument cluster

CRUISE SET

The “CRUISE” light comes on when the ON control is pressed.

The “SET” light comes on when either the COAST/SET or RES/ACCEL controls are pressed. The “SET” light turns off when the cruise cancel control is pressed or the brake is applied. Both the “CRUISE” and “SET” lights turn off when the OFF control is pressed or the ignition is turned to the OFF position.

• Optional electronic instrument cluster

CRUISE

This light comes on when either the COAST/SET or RES/ACCEL controls are pressed. It turns off when the cruise cancel control is pressed, the brake is applied or the ignition is turned to the OFF position.

O/D off

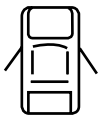
Illuminates when the overdrive function has been turned OFF using the Transmission Control Switch (TCS) on the gearshift. If the light does not come on or the light flashes steadily, have your vehicle serviced as soon as possible, damage to the transmission could occur.

O/D
OFF

Door ajar

• Standard analog instrument cluster

• Optional electronic instrument cluster



Illuminates when any door is open (or not fully closed).

Turn signals

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.

High beams

Illuminates when the high beam headlamps are turned on.

Safety belt warning chime

Sounds to remind you to fasten your safety belts.

Headlamps on warning chime

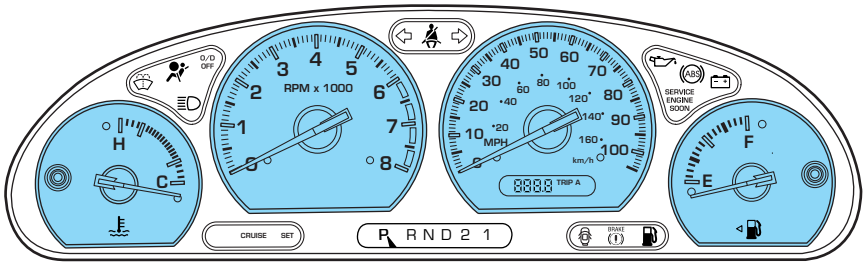
Sounds when the headlamps or parking lamps are on, the key is removed from the ignition and the driver's door is opened.

Key-in-ignition warning chime

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

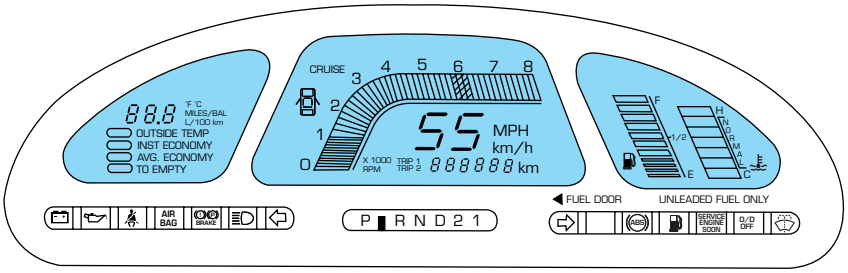
GAUGES

Standard analog instrument cluster gauges



Instrument Cluster

Optional electronic instrument cluster gauges



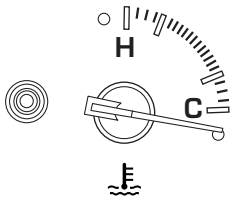
Engine coolant temperature gauge

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 it enters the red section, the engine is overheating. Stop the vehicle as soon as safely possible, switch off the ignition and let it cool. Refer to *Engine coolant* in the *Maintenance and specifications* chapter.

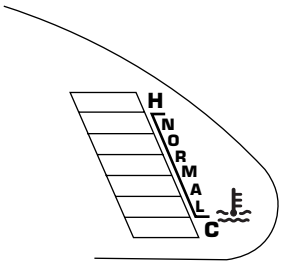
This gauge indicates the temperature of the engine coolant, not the coolant level. If the coolant is not at its proper level or mixture, the gauge indication will not be accurate.

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.

- Standard analog instrument cluster



- Optional electronic instrument cluster

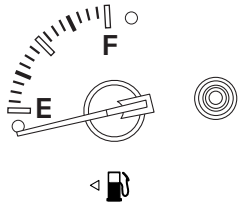


Fuel gauge

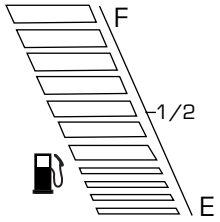
Displays approximately how much fuel is in the fuel tank. The fuel gauge may vary slightly when the vehicle is in motion or on a grade.

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

- Standard analog instrument cluster



- Optional electronic instrument cluster

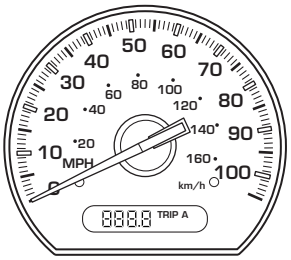


Instrument Cluster

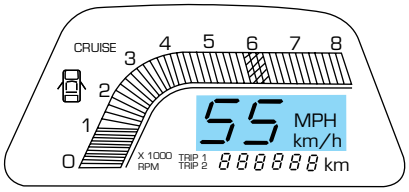
Speedometer

Indicates the current vehicle speed.

- Standard analog instrument cluster



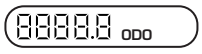
- Optional electronic instrument cluster



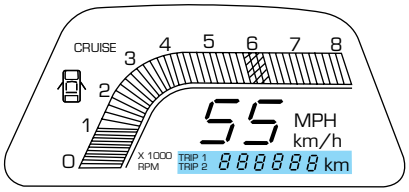
Odometer

Registers the total kilometers (miles) of the vehicle.

- Standard analog instrument cluster



- Optional electronic instrument cluster



Refer to *Electronic Message Center* in the *Driver controls* chapter for information on how to switch the display from metric to English measurements.

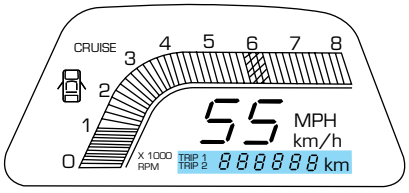
Trip odometer

Registers the kilometers (miles) of individual journeys.

- Standard analog instrument cluster

To reset, press and hold the control for one second.

- Optional electronic instrument cluster



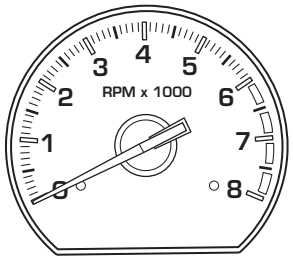
Refer to *Electronic Message Center* in the *Driver controls* chapter for information on how to switch the display from Trip 1 and Trip 2 features on the electronic instrument cluster.

Tachometer

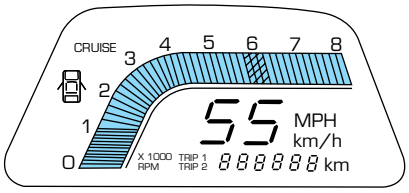
Indicates the engine speed in revolutions per minute.

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

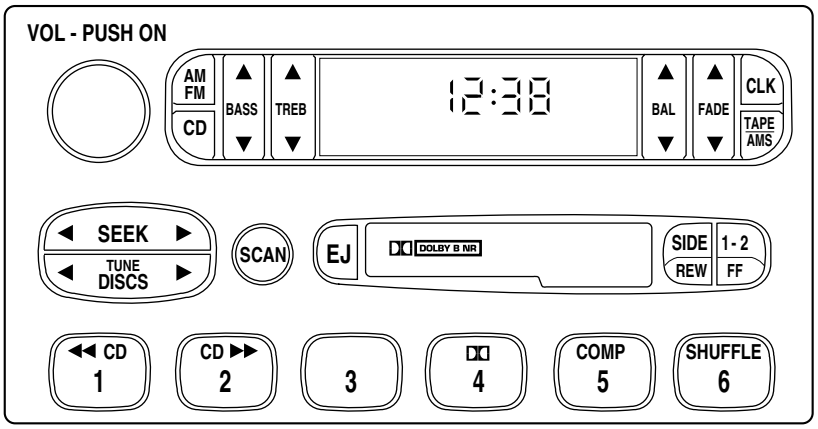
- Standard analog instrument cluster



- Optional electronic instrument cluster

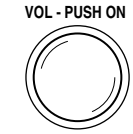


AM/FM STEREO/CASSETTE (CD CHANGER COMPATIBLE)



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 certain 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.

Bass adjust

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

Treble adjust

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

Speaker balance adjust

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

Speaker fade adjust

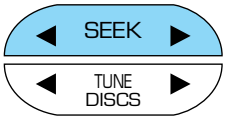
Speaker sound can be adjusted between the front and rear speakers.

Seek function

The seek function control works in radio or CD changer mode.

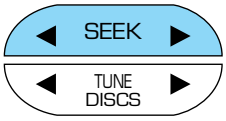
Seek function in radio mode

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



Seek function for CD changer (if equipped)

- Press ◀ to seek to the previous track of the current disc. If a selection has been playing for three seconds or more and you press ◀ , the CD changer will replay that selection from the beginning.
- 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 changer mode (if equipped).

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 changer mode (if equipped)

Press the SCAN control to hear a brief 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 SCAN control again.

AM/FM select

The AM/FM select control works in radio, tape and CD changer modes (if equipped).

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 changer mode (if equipped)

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

Radio station memory preset

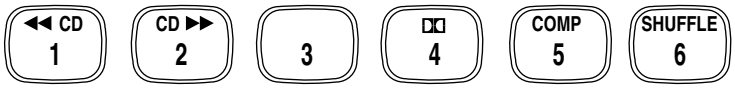
The radio is equipped with six station memory preset controls. These controls can be used to select up to six preset AM stations and twelve FM stations (six in FM1 and six in FM2).

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 on the control you selected.

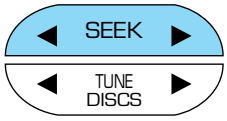


Setting the clock

Press CLK to toggle between listening frequencies and clock mode while in radio mode.

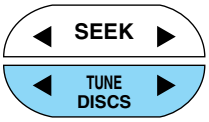
To set the hour, press and hold the CLK control and press the SEEK control:

- ◀ to decrease hours and
- ▶ to increase hours.



To set the minute, press and hold the CLK control and press the TUNE control:

- ◀ to decrease minutes and
- ▶ to increase minutes.

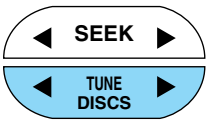


The CLK control will allow you to switch between media display mode (radio station, stereo information, etc.) and clock display mode (time). When in clock mode, the media information will display for 10 seconds, when the radio is turned on, and then revert to clock information. Any time that the media is changed, (new radio station, etc.), the media information will again display for 10 seconds before reverting back to the clock. In media mode, the media information will always be displayed.

Tune adjust

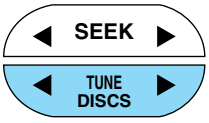
The tune control works in radio and CD changer modes (if equipped).

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.

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 disc.
- Press ▶ to select the next disc in the CD changer. Hold the control to fast-forward through the remaining discs.

Tape select

- To enter tape mode while in radio or CD changer mode, press the TAPE control.
- If no tape is found, NO TAPE appears in the display.

Automatic Music Search

The Automatic Music Search feature allows you to quickly locate the beginning of the tape selection being played or to skip to the next selection.

To activate the feature, momentarily depress the TAPE AMS button. Then, press either REW (for the beginning of the current selection) or FF (to advance to the next selection). The tape deck stops and returns to play mode when the AMS circuit senses a blank section on the tape.

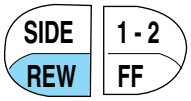
In order to ensure proper operation of the AMS feature, the tape MUST have a blank section of at least four seconds duration between programs.

CD changer select (if equipped)

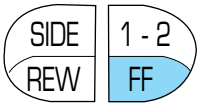
- To enter CD changer mode while in radio or tape mode, press the CD control.

Rewind

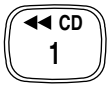
The rewind control works in tape and CD changer (if equipped) modes.



To rewind in tape mode, press the SIDE/REW control.



Press the 1–2/FF control to stop rewinding the tape.



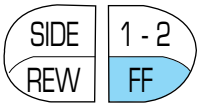
To rewind in CD changer mode, press the CD control.

Press the control again to deactivate rewind mode.

Fast forward

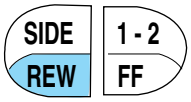
The fast forward control works in tape and CD changer modes.

To fast forward in tape mode, press the 1–2/FF control.



Tape direction will automatically reverse when the end of the tape is reached.

Press the SIDE/REW control to stop the fast forward of the tape.

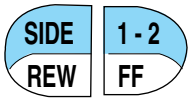


To fast forward in CD changer mode, press the CD control.

Press the control again to deactivate fast forward mode.

Tape direction select

Press SIDE and 1–2 at the same time to play the alternate side of a tape.



Eject function

Press the control to stop and eject a tape.

Compression feature (if equipped)

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

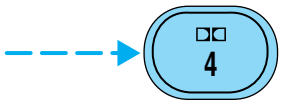
Press the COMP control to activate and deactivate compression adjust.

Shuffle feature (if equipped)

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

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

Dolby® noise reduction



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

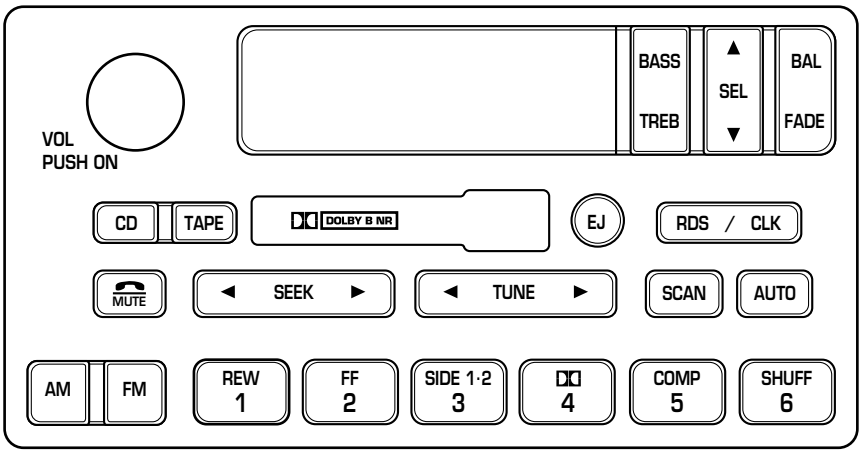
Press the control to activate (and deactivate) Dolby® noise reduction.

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

Rear audio controls (if equipped)

Your vehicle may be equipped with rear audio controls for the rear seat passengers. Refer to *Rear Seat Controls* in this Chapter for more information.

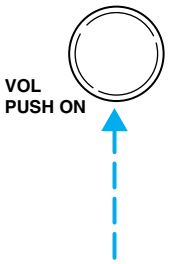
PREMIUM AM/FM CASSETTE (CD CHANGER COMPATIBLE)



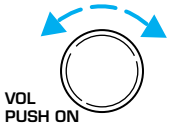
Your audio system is equipped with selective lighting, a unique lighting strategy. This lighting feature is operable when the headlamps are illuminated. During the operation of any selected mode, lighting for the individual function controls will either illuminate or turn off. Those controls which have a function for the specific mode of operation selected will be lit, while the controls which have no function for that mode will be turned off.

Volume/power control

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



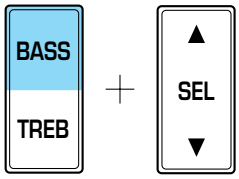
Turn the control to raise or lower volume.



If the volume is set above a certain 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.

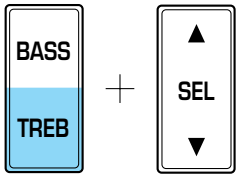
Bass adjust

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



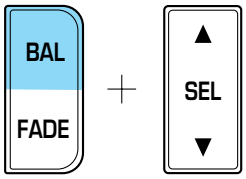
Treble adjust

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



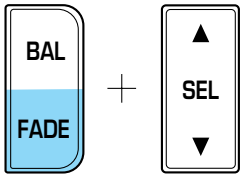
Speaker balance adjust

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



Speaker fade adjust

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



Seek function

The seek function control works in radio, tape or CD changer mode (if equipped).

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 or return to the beginning of the current selection.
- Press ► to listen to the next selection on the tape.

Seek function for CD changer (if equipped)

- Press ◄ to seek to the previous track of the current disc. If a selection has been playing for three seconds or more and you press ◄ , the CD changer will replay that selection from the beginning.

- 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 changer mode (if equipped).

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 tape mode

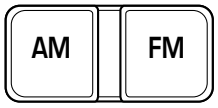
Press the SCAN control to hear a short sampling of all selections on the tape. (The tape scans in a forward direction. At the end of the tape's first side, direction automatically reverses to the opposite side of the tape.) To stop on a particular selection, press the control again.

Scan function in CD 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.

AM/FM select

The AM/FM select control works in radio, tape and CD changer modes (if equipped).



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 or CD changer mode (if equipped)

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

Radio station memory preset

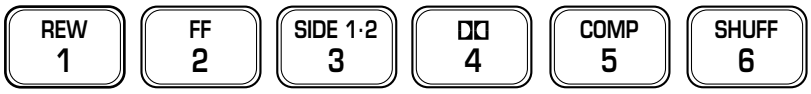
The radio is equipped with six station memory preset controls. These controls can be used to select up to six preset AM stations and twelve FM stations (six in FM1 and six in FM2).

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 on 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.

Starting autoset memory preset

1. Select a frequency using the AM/FM select controls.
2. Press the AUTO control.

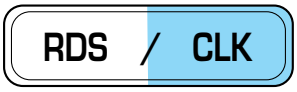
3. When the first six strong stations are filled, the station stored in memory preset control 1 will start playing.

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.

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

Setting the clock

Press the CLOCK control until SELECT HOUR or SELECT MINS is displayed.



Use the SEL control to manually set the time.

- Press ▲ to increase hours/minutes.
- Press ▼ to decrease hours/minutes.

Tune adjust

The tune control works in radio or CD changer mode (if equipped).

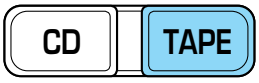
Tune adjust in radio mode

- 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.

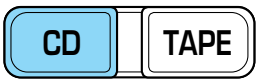
Tune adjust for CD changer

- 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 disc.
- Press ► to select the next disc in the CD changer. Hold the control to fast-forward through the remaining discs.

Tape/CD changer mode select (if equipped)



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



- To begin CD play (if CD[s] are loaded), press the CD control. The first track of the disc will begin playing. After that, CD play will begin where it stopped last.

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.

Rewind

The rewind control works in tape and CD changer modes (if equipped).

- In tape mode, radio play will continue until rewind is stopped (with the TAPE or FF control) or the beginning of the tape is reached.
- In CD changer mode, pressing the REW control for less than three seconds results in slow rewind. Pressing the control for more than three seconds results in fast rewind.

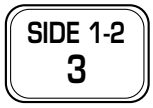
Fast forward

The fast forward control works in tape and CD changer modes (if equipped).

- In the tape mode, tape direction will automatically reverse when the end of the tape is reached.
- In CD changer mode, pressing the control for less than three seconds results in slow forward action. Pressing the control for more than three seconds results in fast forward action.

Tape direction select

Press SIDE 1–2 to play the alternate side of a tape.



Eject function

Press the control to stop and eject a tape.

Dolby® noise reduction

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

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

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

Compression feature (if equipped)

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 (if equipped)

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

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

Mute mode

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

Radio Data System (RDS) feature

When selected, the RDS (Radio Data System) function performs the following:

- Displays the radio station call letters
- Displays the type of music format (jazz, country, rock)
- Searches for a particular type of music format by selecting the SEEK control
- Allows traffic information broadcasts to be turned on and off with the SEL control

Press the RDS/CLK control until RDS OFF is displayed.

- Use the SEL control to select ON or OFF.

Traffic

- Press the RDS control until TRAFFIC is displayed.

- Use the SEL control to select ON or OFF. With the feature on, use the SEEK or SCAN control to find a radio station broadcasting a traffic report (if it is broadcasting RDS data).

Traffic information is not available in most U.S. markets.

Program type

- Press the RDS control until FIND program type is displayed.

- Use the SEL control to select the program type. With the feature on, use the SEEK or SCAN control to find the desired program type from the following selections:

- Classic
- Country
- Info
- Jazz
- Oldies
- R & B
- Religious
- Rock
- Soft
- Top 40

Show

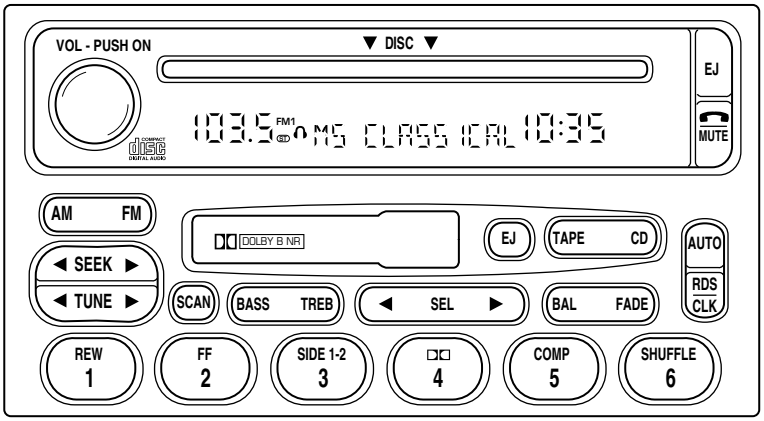
- With RDS activated, press the RDS control until SHOW is displayed.

- Use the SEL control to select the program TYPE, station NAME or NONE (no text displayed).

Rear audio controls (if equipped)

Your vehicle may be equipped with rear audio controls for the rear seat passengers. Refer to *Rear Seat Controls* in this Chapter for more information.

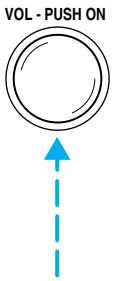
SUPER SOUND AM/FM STEREO/CASSETTE/SINGLE CD PLAYER (CD CHANGER COMPATIBLE)



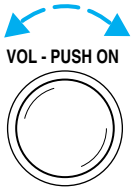
Your audio system is equipped with selective lighting, a unique lighting strategy. This lighting feature is operable when the headlamps are illuminated. During the operation of any selected mode, lighting for the individual function controls will either illuminate or turn off. Those controls which have a function for the specific mode of operation selected will be lit, while the controls which have no function for that mode will be turned off.

Volume/power control

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



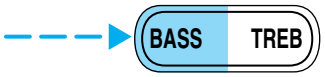
Turn control to raise or lower volume.



If the volume is set above a certain 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. If you wish to maintain your preset volume level, turn the audio system off with the power control before switching off the ignition.

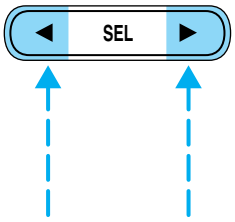
Bass adjust

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



Press the BASS control then press:

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

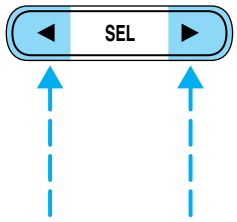


Treble adjust

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

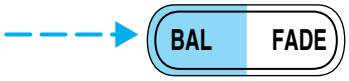
Press the TREB control then press:

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



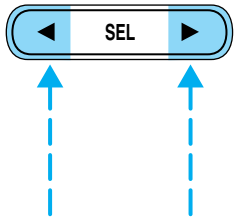
Speaker balance adjust

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.

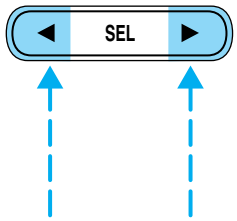


Speaker fade adjust

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

Press the FADE control then press:

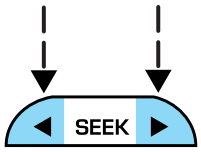
- ▶ to shift sound to the front and
- ◀ to shift sound to the rear.



Seek function

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

Seek function in radio mode

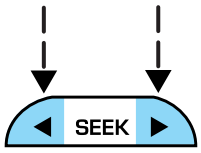


- Press ◀ to find the next listenable station down the frequency band.
- Press ▶ to find the next listenable station up the frequency band.

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 for CD changer (if equipped)



- Press ◀ to seek to the previous track of the current disc. If a selection has been playing for three seconds or more and you press ◀ , the CD changer will replay that selection from the beginning.
- 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.

Scan function in tape mode

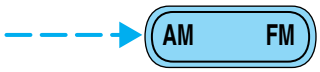
Press the SCAN control to hear a short sampling of all selections on the tape. (The tape scans in a forward direction. At the end of the tape's first side, direction automatically reverses to the opposite side of the tape.) To stop on a particular selection, press the control again.

Scan function in CD 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.

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 mode

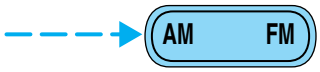
Press this control to stop CD play and begin radio play.

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).

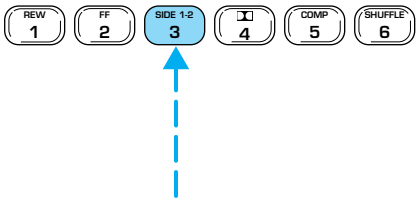
Setting memory preset stations

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 on the control you selected.

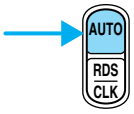


Autoset memory preset

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.

Starting autoset memory preset

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

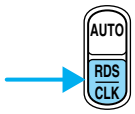


If there are less than six strong stations available on the frequency band, the remaining memory preset controls will all store the last strong station available.

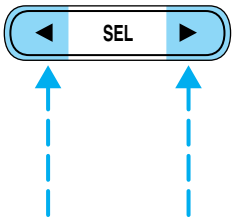
To deactivate autoset and return to your audio system's manually set memory stations, press the AUTO control again.

Setting the clock

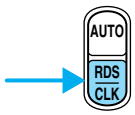
Press the RDS/CLK control until SELECT HOUR is displayed and press:



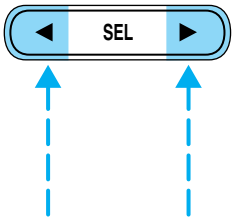
- ◀ to decrease hours and
- ▶ to increase hours.



To set the minute, press the RDS/CLK control until SELECT MIN is displayed and press:



- ◀ to decrease minutes and
- ▶ to increase minutes.

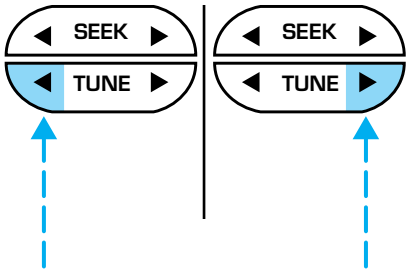


Tune adjust

The tune control works in radio or CD mode.

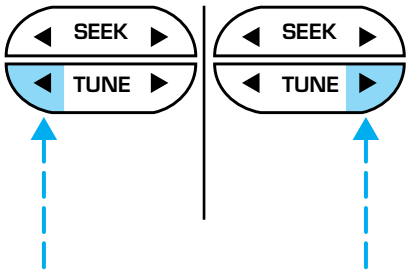
Tune adjust in radio mode

- 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.



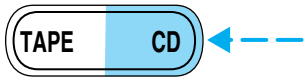
Tune adjust for CD changer (if equipped)

- 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 disc.
- Press ▶ to select the next disc in the CD changer. Hold the control to fast-forward through the remaining discs.



Tape/CD/CD changer (if equipped) 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 the button during rewind or fast forward to stop the rewind or fast forward function.

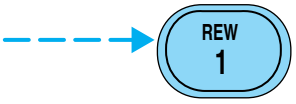


- To begin CD play (if CD(s) are loaded), press the CD control. The first track of the disc will begin playing. After that CD play will begin where it stopped last.

If equipped with a CD changer, press the CD control to toggle between single CD and CD changer play.

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.

Rewind

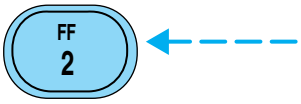


The rewind control works in tape and CD modes.

- 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 for less than three seconds results in slow rewind. Pressing the control for more than three seconds results in fast rewind.

Fast forward

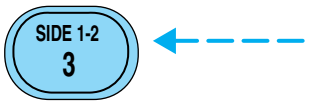
The fast forward control works in tape and CD modes.



- In the tape mode, tape direction will automatically reverse when the end of the tape is reached.
- In CD mode, pressing the control for less than three seconds results in slow forward action. Pressing the control for more than three seconds results in fast forward action.

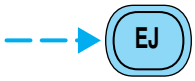
Tape direction select

Press SIDE 1–2 to play the alternate side of a tape.



Eject function

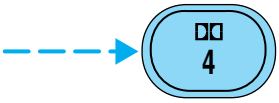
Press the control to stop and eject a tape.



Press the control to stop and eject a CD.

Dolby® noise reduction

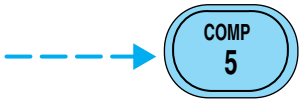
Dolby® noise reduction operates only in tape mode. Dolby® noise reduction reduces the amount of hiss and static during tape playback.



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

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

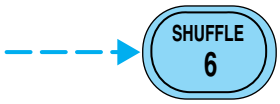
Compression adjust



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

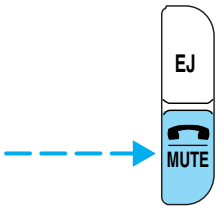


The shuffle feature operates in CD mode and plays all tracks on the current disc in random order. If equipped with the CD changer, the shuffle feature continues to the next disc after all tracks on the current disc are played.

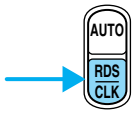
Press the SHUFFLE control to start this feature. Random order play will continue until the SHUFFLE control is pressed again.

Mute mode

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



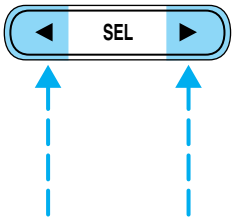
Radio Data System (RDS) feature



When selected, the RDS (Radio Data System) function performs the following:

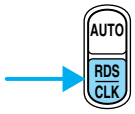
- Displays the radio station call letters.
- Displays the type of music format (jazz, country, rock).
- Searches for a particular type of music format by selecting the SEEK control.
- Allows traffic information broadcasts to be turned on and off with the SEL control.

Press the RDS control. Use the SEL control to select ON or OFF to enable or disable the feature.



RDS traffic announcement

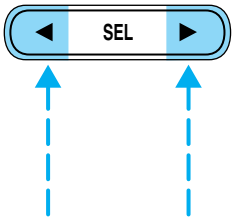
When set ON, this traffic feature will interrupt tape or CD play to play a traffic report broadcast from a FM RDS station.



To activate the traffic feature:

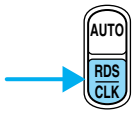
- Press the RDS control until TRAFFIC is displayed.

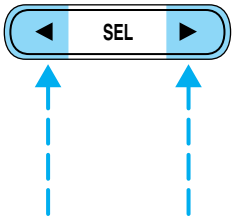
To see if any stations in your area are capable of broadcasting an RDS traffic alert, press SCAN or SEEK while TRAFFIC ON is displayed. The radio will then SCAN or SEEK only to traffic capable stations.



RDS select program type

- Press the RDS control until FIND program type is displayed.



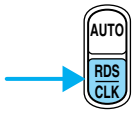


- Use the SEL control to select the desired program type. With the feature ON (FIND program type), press the SEEK, AUTOSET, or SCAN control to find only stations of the selected type from the following selections:
- Classic
- Country
- Info
- Jazz/R&B
- Religious

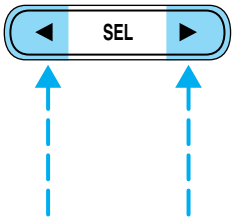
- Rock
- Soft
- Top 40

RDS show

RDS sends information with the FM broadcast, including: station name, station type, and/or radio text. To view this information:



- With the RDS menu enabled, press the RDS control until SHOW is displayed.
- Use the SEL control to select TYPE, NAME, TEXT or NONE. When your radio is turned to a RDS station, RDS station TYPE, station NAME, or TEXT message will be displayed along with the frequency. Press SEL in order to scroll through the text messages.

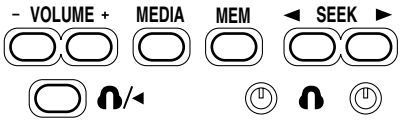


Rear audio controls (if equipped)

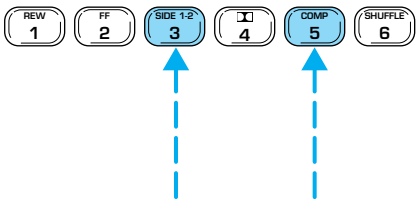
Your vehicle may be equipped with rear audio controls for the rear seat passengers. Refer to *Rear Seat Controls* in this Chapter for more information.

REAR SEAT CONTROLS (IF EQUIPPED)

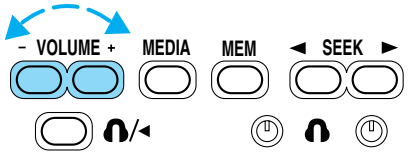
The Rear Seat Controls (RSC) allow the rear seat passengers to operate the radio, tape, CD or CD changer (if equipped).



Simultaneously press the memory preset controls 3 and 5 to engage the RSC. will appear in the radio display. Press 3 and 5 again to disengage the RSC.



ADJUSTING THE VOLUME

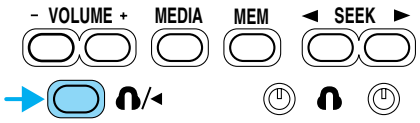


Press the + control to increase volume.

Press the — control to decrease volume.

From the RSC, the speaker volume can not be set higher than the current volume radio setting. Once in headphone mode, the RSC volume controls will only change the headphone volume level (muting the speakers will not mute the headphones).

USING HEADPHONES



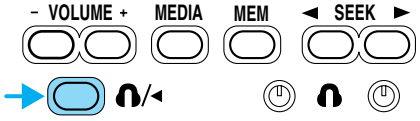
Plug a 3.6 mm headphone (not included) into either one of the two jacks. Press /◀ to operate the headphones.

The speakers will cut out once the speaker on/off control is pressed. Press /◀ again to deactivate headphones.

PERSONAL AUDIO SYSTEM (IF EQUIPPED)

If your vehicle is equipped with the Premium AM/FM cassette or the Super Sound AM/FM Stereo/Cassette/Single CD Player, your vehicle is equipped with the Personal Audio System.

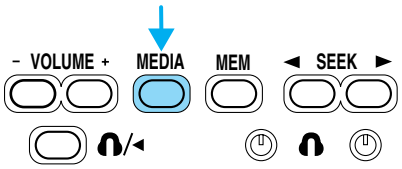
The Personal Audio System allows the rear seat passengers to listen to one media source (radio, tape, CD, or CD changer if equipped) while the front seat passengers listen to another. However, front and rear seat passengers can not listen to two different radio stations simultaneously.



The rear speakers will cut out once the speaker on/off control is pressed. DUAL PLAY will appear in the audio display, signaling that your Personal Audio System has been activated. A soft audible sound may be heard from the rear speakers. The front speaker will remain playing for the front passengers. Press the /◀ control again to deactivate the headphones (Personal Audio System). SINGLE PLAY will appear in the digital display of the audio system, signaling that your Personal Audio System has been deactivated.

MEDIA SELECT

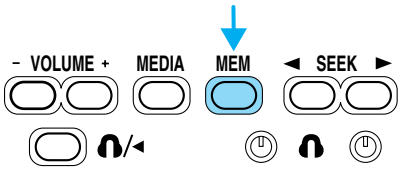
Push the MEDIA control to toggle between AM, FM1, FM2, tape, or CD changer (if equipped).



MEMORY PRESET CONTROL

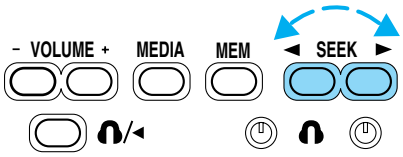
Push the MEM control successively to allow rear sear passengers to scroll through the six memory presets in AM, FM1, or FM2.

Push the MEM control in CD changer mode (if equipped) to advance to the next disc.



SEEK FUNCTION

- Press ◄ to find the next listenable station down the frequency band.
- Press ► to find the next listenable station up the frequency band.



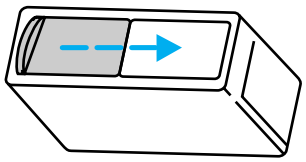
In CD changer mode (if equipped), use the SEEK function to access the next ► or previous ◄ selection.

In tape mode, use the SEEK function to access the next ► or previous ◄ selection.

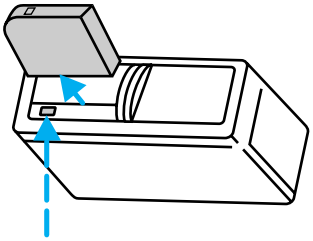
CD CHANGER (IF EQUIPPED)

The CD changer is located in the center console of your vehicle.

1. Slide the door to access the CD changer magazine.

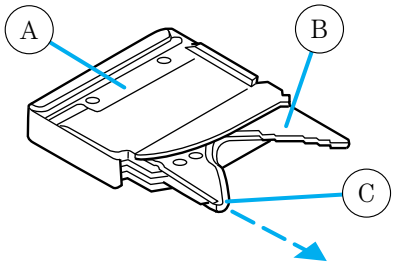


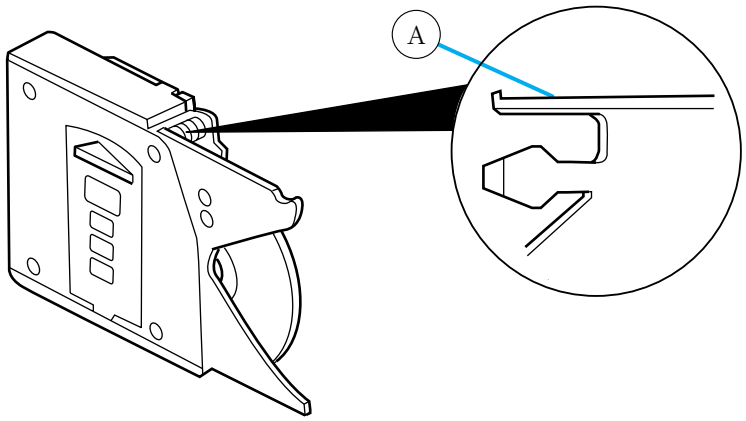
2. Press EJECT to eject the magazine.



3. Turn the magazine (A) over.

4. Using the disc holder release knob (C), pull the disc holder (B) out of the magazine.

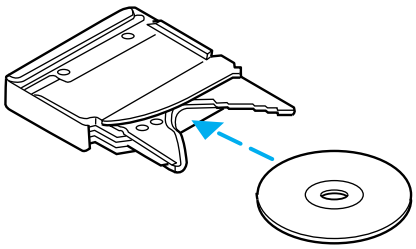




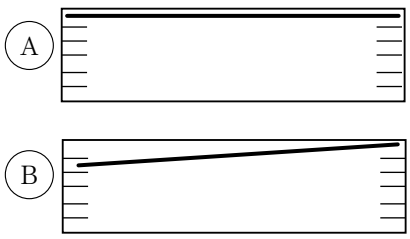
If you pull too hard on the disc holder, the disc holder may come completely out of the magazine. If this happens, reinsert the disc holder back into the magazine while pressing on the lever (A).

5. Line up the CD with the groove of the disc holder. Ensure that the label on the CD faces downwards.

6. Press in on the disc holder until it locks securely into the magazine. If the disc holders are not fully locked into the magazine, the unit will not operate.



Ensure that the disc holder is evenly inserted and at the same level as the magazine (A). The unit will not operate if the disc holder is not inserted at the same level (B).



Radio power must be turned on to play the CDs in the changer. The magazine may be stored in the glove box when not being used.

The CD magazine may be inserted or ejected with the radio power on or off.

ONLY use the magazine type supplied with the CD changer, other types will damage the unit.

Keep the CD changer door closed. Coins and foreign objects will damage the CD player and void your audio system warranty.

Do not insert any promotional (odd shaped or sized) discs, or discs with removable labels into the CD player as jamming may occur.

TROUBLESHOOTING THE CD CHANGER (IF EQUIPPED)

The laser beam used in the compact disc player is harmful to the eyes. Do not attempt to disassemble the case.

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 your changer does not work, it may be that:

- A disc is already loaded where you want to insert a disc.
- The disc is inserted with the label surface downward.
- The disc is dusty or defective.
- The player's internal temperature is above 60°C (140°F). Allow the player to cool down before operating.
- A disc with format and dimensions not within industry standards is inserted.

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.

CD AND CD CHANGER CARE

- Handle discs by their edges only. Never touch the playing surface.
- Do not expose discs to direct sunlight or heat sources for extended periods of time.
- Do not insert more than one disc into each slot of the CD changer magazine.

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.

CLEANING CASSETTE PLAYER

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.

CASSETTE AND CASSETTE PLAYER CARE

- Use only cassettes that are 90 minutes long or less.
- Do not expose tapes to direct sunlight, high humidity, extreme heat or extreme cold. Allow tapes that may have been exposed to extreme temperatures to reach a moderate temperature before playing.
- Tighten very loose tapes by inserting a finger or pencil into the hole and turning the hub.
- Remove loose labels before inserting tapes.
- Do not leave tapes in the cassette player for a long time when not being played.

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.

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.

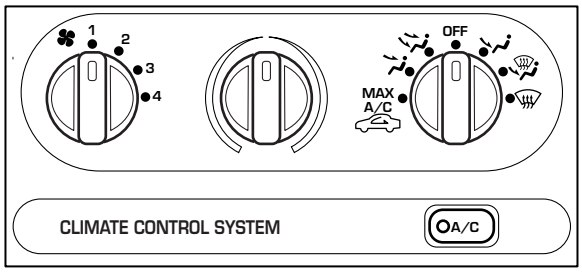
The audio system automatically switches to single channel reception if it will improve the reception of a station normally received in stereo.

AUDIO SYSTEM WARRANTIES AND SERVICE

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

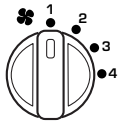
If service is necessary, see your dealer or a qualified technician.

MANUAL HEATING AND AIR CONDITIONING SYSTEM



Fan speed control

Controls the volume of air circulated in the vehicle.

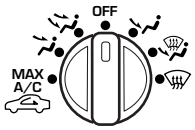


Temperature control knob

Controls the temperature of the airflow inside the vehicle.

Mode Selector Control

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



A/C Control A/C

This control is used to manually enable or disable the operation of the air conditioning in all modes. In all modes, the air conditioning will only function if the outside temperature is about 4°C (40°F) or higher. When A/C is selected (ON) the indicator will be lit. When A/C is selected again (OFF) the indicator will not be lit.

The air condition operates in MAX A/C and when the A/C control is depressed. However, the air conditioning will only function if the outside temperature is about 4°C (40°F) or higher.

Since the air conditioner removes considerable moisture from the air during operation, it is normal if clear water drips on the ground under the air conditioner drain while the system is working and even after you have stopped the vehicle.

- MAX A/C – Uses recirculated air to cool the vehicle. MAX A/C is noisier than A/C modes but more economical and will cool the inside of the vehicle faster. In this mode, the air conditioning will automatically engage if the outside temperature is about 4°C (40°F) or higher and the A/C indicator will automatically light. Airflow will be from the instrument panel registers. This mode can also be used to prevent undesirable odors from entering the vehicle.
- (Panel) – Distributes outside air through the instrument panel registers. Heating and air conditioning capabilities are provided in this mode. Push A/C to cool the vehicle below the outside temperature.
- OFF – Outside air is shut out and the fan will not operate. For short periods of time only, use this mode to reduce undesirable odors from entering the vehicle.
- (Panel and floor) – Distributes outside air through the instrument panel registers and the front and rear floor ducts. Heating and air conditioning capabilities are provided in this mode. Push A/C in order to cool the vehicle below the outside temperature. For added customer comfort, when the temperature control knob is anywhere in between the full hot and full cold positions, the air distributed through the front and rear floor ducts will be slightly warmer than the air sent to the instrument panel registers.
- (Floor) – Distributes outside air through the front and rear floor ducts. Heating and air conditioning capabilities are provided in this mode. Push A/C in order to cool the vehicle below the outside temperature.

Operating tips

- In humid weather conditions, place the climate control system in Defrost mode before driving. This will reduce fogging on your windshield. Once the windshield has been cleared, operate the climate control system as desired.
- To reduce humidity buildup inside the vehicle in cold weather conditions, don't drive with the climate control system in the OFF or MAX A/C position.

- To reduce humidity buildup inside the vehicle in warm weather conditions, don't drive with the climate control system in the OFF position.
- Under normal weather conditions, your vehicle's climate control system should be left in any position other than the MAX A/C or OFF when the vehicle is parked. This allows the vehicle to "breathe" through the outside air inlet duct.
- Under snowy or dirty weather conditions, your vehicle's climate control system should be left in the OFF position when the vehicle is parked. This allows the climate control system to be free from contamination of outside pollutants.
- If your vehicle has been parked with the windows closed during warm weather conditions, the air conditioner will perform more efficiently in cooling the vehicle if driven for two or three minutes with the windows open. This will force most of the hot, stale air out of the vehicle. Once the vehicle has been "aired out", operate the climate control system as desired.
- Do not put objects under the front seat which may interfere with the airflow to the rear seats (if equipped).
- Remove any snow, ice or leaves from the air intake area (at the bottom of the windshield and underneath the hood).
- Do not place objects over the defroster outlets. These objects can block airflow and reduce visibility through your windshield. Avoid placing small objects on top of the instrument panel. These objects may fall down into the defroster outlets and block airflow, in addition to, damaging the climate control system.

To aid in side window defogging/demisting in cold weather conditions:

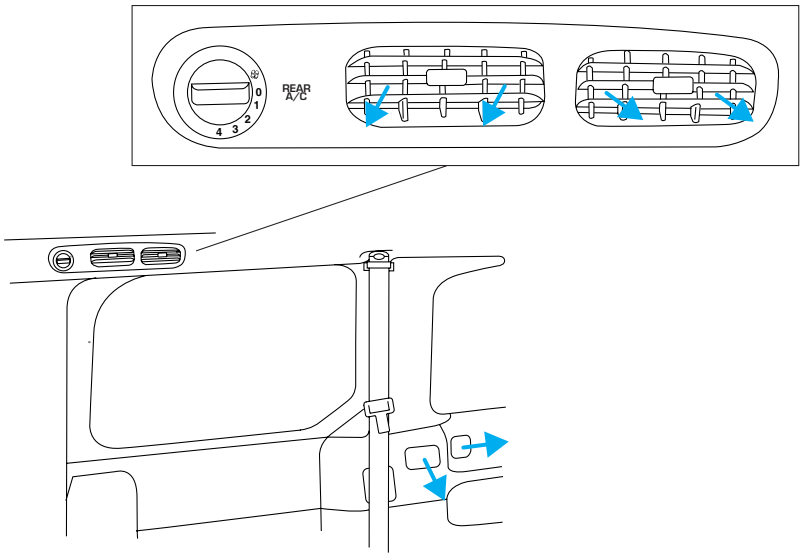
1. Select the position that distributes air through the Panel and Floor.
2. Set the temperature control to full heat.
3. Set the fan speed to full fan.
4. Direct the outer panel vents towards the side windows.
5. To increase airflow to the outer panel vents, close the central panel vents.

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

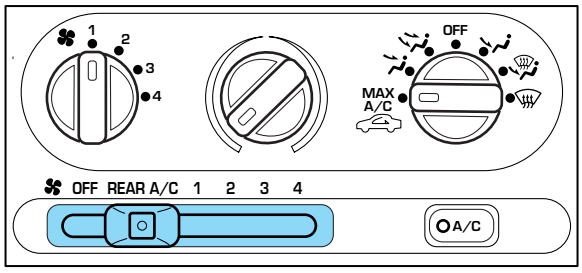
REAR PASSENGER AIR CONDITIONING SYSTEM (IF EQUIPPED)

This system allows the rear seat occupants to adjust their air conditioning comfort level.

The rear A/C fan speed control allows the rear passengers to control the volume of air that is distributed from the rear registers.

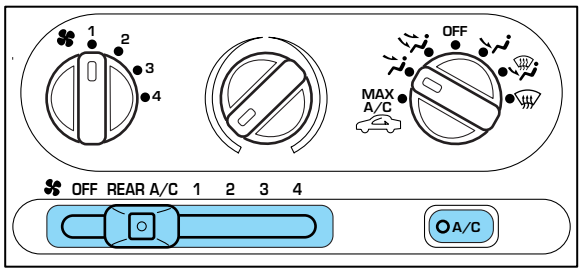


The rear seat A/C system is controlled from the main climate control system on the instrument panel. Ensure that the control is set to REAR A/C to engage the rear passenger compartment air conditioning system.

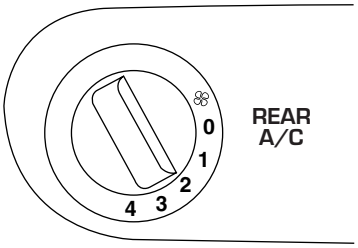


Turning the Rear A/C on

1. Set the main climate control rear fan control to Rear A/C; set the mode selector to any position (other than OFF), and depress the A/C control.



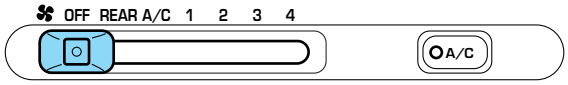
2. Set the fan speed on the Rear A/C fan control to a number between 1–4 to regulate the airflow to the rear seat section.



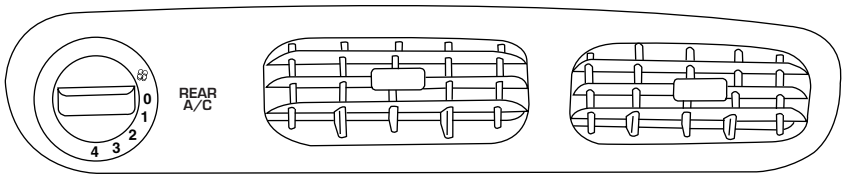
The Rear A/C fan speed may be adjusted by the front seat passengers. For example, if the Rear A/C fan speed is set at 4, the Rear A/C control on the main climate control system may be adjusted to a lower setting and will override that of the rear seat setting.

Turning the Rear A/C off:

There are two ways to turn the rear air conditioning system off. The first way is to set the Rear Fan Control on the main climate control system to OFF.



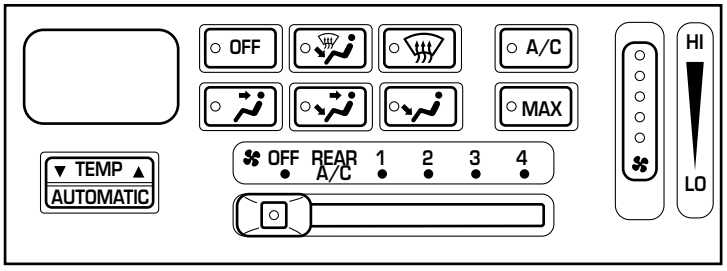
You can also set the Rear Fan Control on the main climate control system to Rear A/C and turn the Rear A/C Fan Control to 0.



For maximum cooling for the front seat passengers, set the rear fan switch to the OFF (0) position.

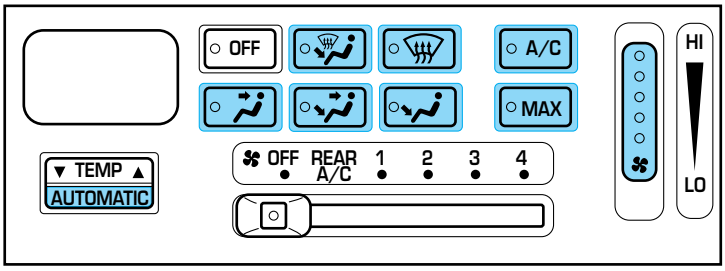
Please note that the rear passenger air conditioning system is designed for air conditioning purposes only, and does not heat the rear compartment. Rear compartment heating is provided by the underseat floor ducts. Refer to Rear Seat Heating.

ELECTRONIC AUTOMATIC TEMPERATURE CONTROL (EATC) SYSTEM (IF EQUIPPED)



The EATC system will maintain a selected temperature and automatically control airflow. You can override automatic operation with any of the override controls or the fan speed control.

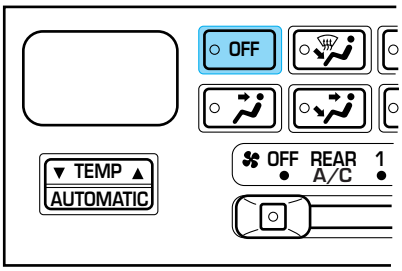
Turning the EATC system on



Press AUTOMATIC, any of the override controls or the fan speed control. The EATC system will only operate when the vehicle is running.

Turning the EATC system off

Press OFF.



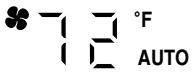
Automatic operation

Press AUTOMATIC and select the desired temperature. The selected temperature and the word AUTO will appear in the display window. The EATC system will either heat or cool to achieve the selected temperature. The system will automatically determine fan speed, airflow location and if outside air or recirculated air is required. Fan speed remains automatic unless the fan speed thumbwheel is turned or the steering wheel fan speed control (if equipped) is pressed.

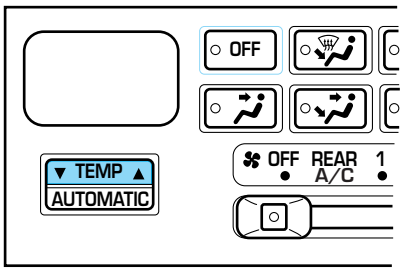
When in AUTOMATIC and weather conditions require heat, air will be sent to the floor. However, if the engine is not warm enough to provide heat, the fan will be at a low speed and the air will be directed to the windshield. In approximately 3½ minutes or less, the fan speed will start to increase and the airflow location will change to the floor area.

If unusual conditions exist (i.e.-window fogging, etc.), the manual override controls allow you to select airflow locations and the fan control allows you to adjust fan speed as necessary.

Temperature selection



The display window indicates the selected temperature, function (AUTO or one of the override controls) and manual control of fan speed ( ) if automatic fan speed is not desired.

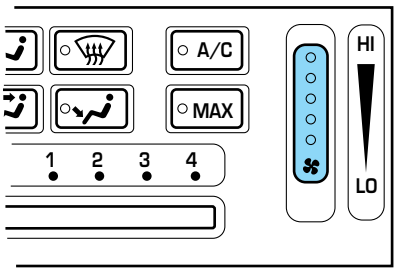


To control the temperature, select any temperature between 15°C (60°F) and 32°C (90°F) by pressing the temperature controls. However, individual temperature settings between 15°C (60°F) and 18°C (65°F) cannot be selected. The 15°C (60°F) and 18°C (65°F) temperatures are the lowest settings available.

For continuous maximum cooling, push the temperature control until 15°C (60°F) is shown in the display window. The EATC will continue maximum cooling (disregarding the displayed temperature) until a warmer temperature is selected by pressing the temperature controls.

For continuous maximum heating, push the temperature controls until 32°C (90°F) is shown in the display window. The EATC will continue maximum heating (disregarding the displayed temperature) until a cooler temperature is selected by pressing the temperature control.

Fan speed ( )

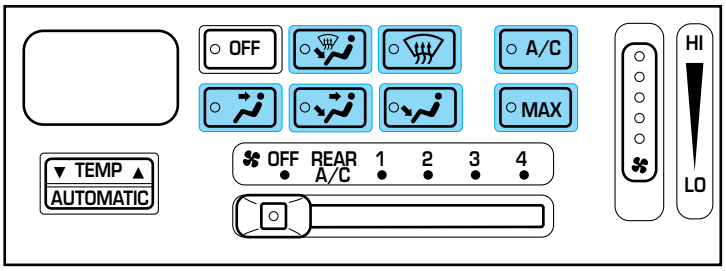


When AUTOMATIC is pressed, fan speed is adjusted automatically for existing conditions. You can override fan speed at any time. To control fan speed manually, use the thumbwheel to cancel automatic fan speed operation. Rotate the thumbwheel or press the steering wheel controls (if equipped) up for higher fan speed or down for lower fan speed.

The display will show to indicate manual fan operation.

To return to automatic fan operation, press AUTOMATIC.

Manual override controls



The override controls allow you to:

- manually control where the airflow is directed
- manually control the air conditioning operation
- manually select between outside or recirculated air during air conditioning operation

The air conditioning can operate in all modes except OFF. It will also operate only when required when AUTOMATIC has been selected. However, the air conditioning will only function if the outside temperature is about 4°C (40°F) or higher.

Since the air conditioner removes considerable moisture from the air during operation, it is normal if clear water drips on the ground under the air conditioner drain while the system is working and even after you have stopped the vehicle.

- OFF-Outside air is shut out and the fan will not operate. For short periods of time only, use this mode to reduce undesirable odors from entering the vehicle.
- (Floor and defrost) - Distributes outside air through the windshield defroster ducts and the front and rear floor ducts. Heating and air conditioning capabilities are provided in this mode. For added customer comfort, when the temperature control knob is anywhere in between the full hot and full cold positions, the air distributed through the front and rear floor ducts will be slightly warmer than the air sent to the windshield defroster ducts.

- (Defrost) - Distributes outside air through the windshield defroster ducts. It can be used to clear ice or fog from the windshield. If the temperature is about 4°C (40°F) or higher, the air conditioner will automatically dehumidify the air to reduce fogging.
- (Panel) - Distributes outside air through the instrument panel registers. Heating and air conditioning capabilities are provided in this mode. Push A/C to cool the vehicle below the outside temperature.
- (Panel and floor) - Distributes outside air through the instrument panel registers and the front and rear floor ducts. Heating and air conditioning capabilities are provided in this mode. Push A/C to cool the vehicle below the outside temperature. For added customer comfort, when the temperature control is anywhere in between the full hot and full cold, the air distributed through the front and rear floor ducts will be slightly warmer than the air sent to the instrument panel registers.
- (Floor) - Allows for maximum heating by distributing outside air through the front and rear floor ducts. Heating and air conditioning capabilities are provided in this mode. Push A/C to cool the vehicle below the outside temperature.
- MAX A/C - Uses recirculated air to cool the vehicle. MAX A/C is noisier than A/C but more economical and will cool the inside of the vehicle faster. After pressing the MAX control, both the MAX and A/C indicators will light and the airflow will be from the instrument panel registers. In this mode, the air conditioning will automatically engage if the outside temperature is about 4°C (40°F) or higher.

Cooling your vehicle with outside air using override controls

Cooling your vehicle with air conditioned outside air using just the A/C override control is quieter but less economical than using both the A/C and the MAX control. It also has less cooling capacity and is not recommended for high outside temperatures.

In order to cool your vehicle with outside air using the override controls:

1. Select the override control , or .
2. Press A/C . The indicator light on A/C will illuminate.
3. Select the desired temperature for your comfort level.
4. Adjust the fan speed override knob to the position of your choice.

During periods of high humidity, vapor may be emitted from the air outlets when using the A/C system with outside air. This can be corrected by using MAX A/C to cool the vehicle.

Rear seat heating

Rear seat heating is provided through the floor ducts located under the front seats. Airflow and temperature to the rear seating are regulated by the main climate control system.

Operating tips

- In humid weather, select  (Defrost) before driving. This will reduce fogging on your windshield. Once the windshield has been cleared, operate the climate control system as desired.
- To reduce humidity buildup inside the vehicle in cold weather conditions, do not drive with the climate control system in the OFF or MAX A/C position.
- To reduce humidity buildup inside the vehicle in warm weather conditions, do not drive with the climate control system in the OFF position.
- Under normal weather conditions, your vehicle's climate control system should be left in any position other than MAX A/C or OFF when the vehicle is parked. This allows the vehicle to "breathe" through the outside air inlet duct.
- Under snowy or dirty weather conditions, your vehicle's climate control system should be left in the OFF position when the vehicle is parked. This allows the climate control system to be free from contamination of outside pollutants.
- If your vehicle has been parked with the windows closed during warm weather conditions, the air conditioner will perform more efficiently in cooling the vehicle if driven for two or three minutes with the windows open. This will force most of the hot, stale air out of the vehicle. Once the vehicle has been "aired out", operate the climate control system as desired.

- Do not place objects under the front seat that will interfere with the airflow to the rear seats.
- Remove any snow, ice or leaves from the air intake area at the base of the windshield.
- Do not place objects over the defroster outlets. These objects may block airflow and reduce visibility through your windshield. Avoid placing small objects on top of your instrument panel. These objects can fall down into the defroster outlets and block airflow, in addition to, damaging the climate control system.

To aid in defogging/demisting in cold weather conditions:

1. Select  .
2. Set the temperature control to full heat
3. Set the fan speed to HI
4. Direct the outer panel vents towards the side windows

To increase airflow to the outer panel vents, close the central panel vents.

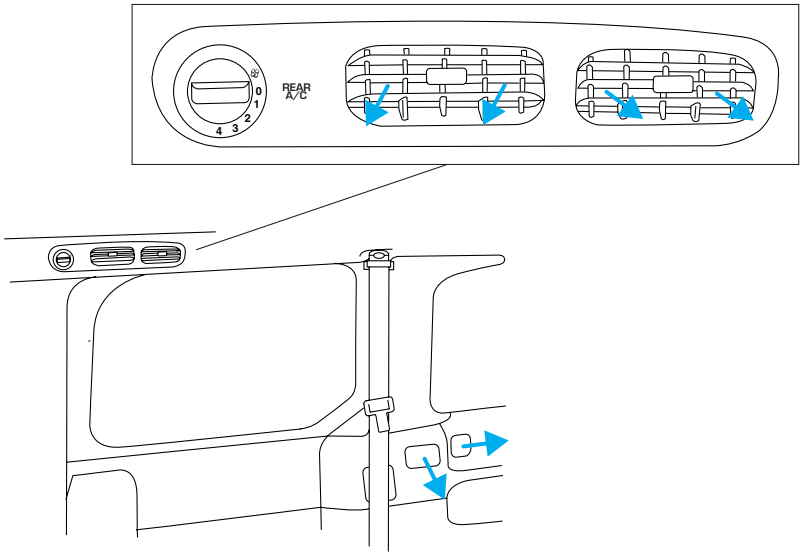
Do not place objects on top of the instrument panel, as these objects may become projectiles in a collision or sudden stop.

REAR PASSENGER AIR CONDITIONING SYSTEM — EATC SYSTEMS

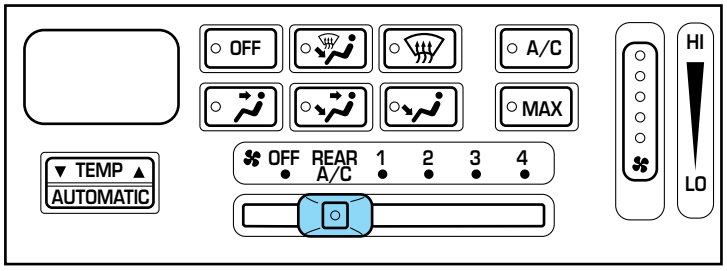
On vehicles equipped with front passenger EATC systems, the vehicle will also have rear passenger compartment climate controls, which allow the rear seat occupants to adjust their air conditioning level.

Climate Controls

The rear A/C fan speed control allows rear passengers to control the volume of air that is distributed from the rear registers.

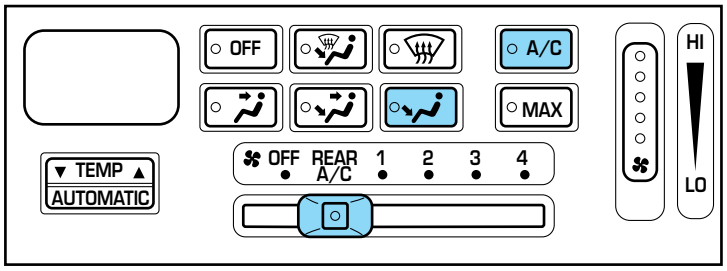


The rear seat A/C system is controlled from the main climate control system on the instrument panel. Ensure that the control is set to REAR A/C to engage the rear passenger compartment air conditioning system.

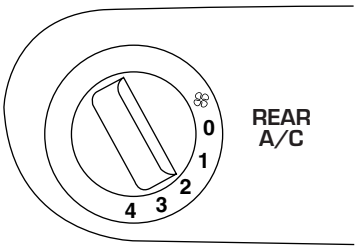


Turning the Rear A/C on

1. Set the main climate control rear fan control to Rear A/C; set the mode selector to any position (other than OFF), and depress the A/C control.

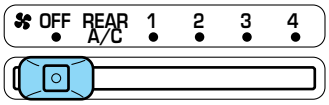


2. Set the fan speed on the Rear A/C fan control to a number between 1–4 to regulate the airflow to the rear seat section.

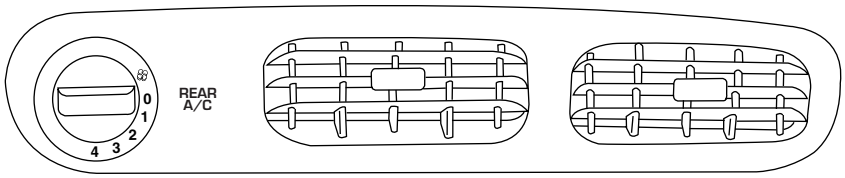


Turning the Rear A/C off:

There are two ways to turn the rear air conditioning system off. The first way is to turn the Rear Fan Control on the main climate control system to OFF.



You can also turn the Rear Fan Control on the main climate control system to Rear A/C and turn the Rear A/C Fan Control to 0.



For maximum cooling for the front seat passengers, set the rear fan switch to the OFF (0) position.

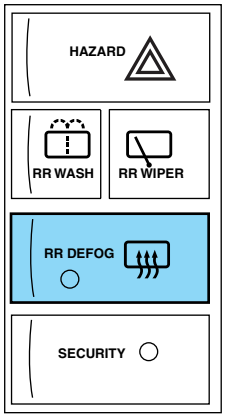
Please note that the rear passenger air conditioning system is designed for air conditioning purposes only, and does not heat the rear compartment. Rear compartment heating is provided by the underseat floor ducts. Refer to Rear Seat Heating.

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.

- The 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 15 minutes or when the ignition is turned to the OFF position. To manually turn off the defroster before 15 minutes have passed, push the control again.

ODOR AND PARTICULATE AIR FILTRATION SYSTEM (IF EQUIPPED)

The odor and particulate air filtration system is designed to reduce the concentration of objectionable exterior odors as well as airborne particles such as dust, spores and pollen in the air being supplied to the interior of the vehicle. The extent of EXTERIOR odor reduction depends on the odor itself and the perceptional threshold of the individual. The odor and particulate filtration system gives the following benefits to customers:

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

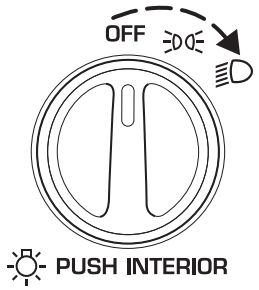
The filter is located just in front of the windshield under the cowl grille on the passenger side of the vehicle.

For more information, or to replace the filter, see your Ford, Lincoln or Mercury Dealer.

HEADLAMP CONTROL

Rotate the headlamp control clockwise to the first position to turn on the parking lamps. Rotate clockwise to the second position to also turn on the headlamps.

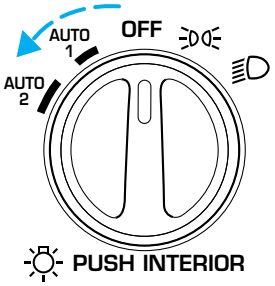
Push the control to turn on the interior lamps. Push control again to turn off the interior lamps.



Autolamp control (if equipped)

The autolamp system provides light sensitive automatic on-off control of the low-beam exterior lights normally controlled by the headlamp control.

The autolamp system also keeps the lights on for a preselected period of time after the ignition switch is turned to OFF.

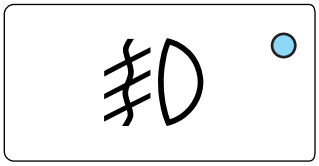


- To turn autolamps on, rotate the headlamp control counter clockwise to one of the two settings. The AUTO 1 position has a preselected time lapse of approximately 25 seconds. The AUTO 2 position has a preselected time lapse of approximately 2½ minutes.
- To turn autolamps off, rotate the headlamp control clockwise to the OFF position.

Foglamp control (if equipped)

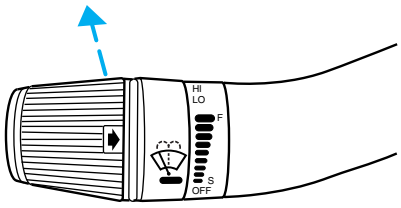
Turn on the low-beam headlamps and press the foglamp control to activate the foglamps. The foglamp control will illuminate when the foglamps are on.

Press the foglamp control a second time to deactivate the foglamps.



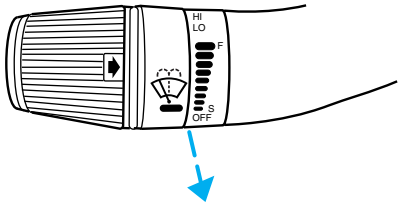
High beams

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.

- Push and hold top of control to brighten.
- Push and hold bottom of control to dim.

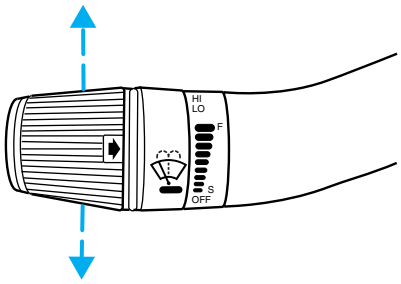
The dome lamp will not illuminate if the control switch is in the OFF position.

AIMING THE HEADLAMPS

The headlamps on your vehicle are properly aimed at the assembly plant. If your vehicle has been in an accident the alignment of your headlamps should be checked by a qualified service technician.

TURN SIGNAL CONTROL ⇦⇨

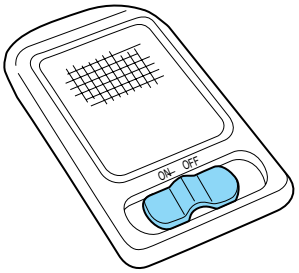
- Push down to activate the left turn signal.
- Push up to activate the right turn signal.
- In vehicles equipped with daytime running lights, use of the turn signals will shut off the highbeams in daytime driving.



INTERIOR LAMPS

Dome lamps

The front dome lamp is located overhead between the driver and passenger seats.

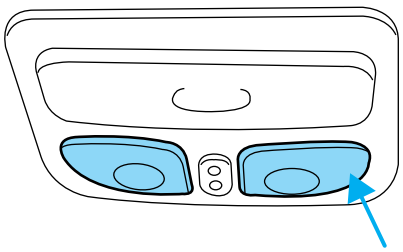


The dome lamp will stay on if the control is moved to the ON position. When the control is in the middle position, the lamp will only come on when a door is opened. If the control is moved to the OFF position, the lamp will not come on at all.

The dome lamp will illuminate whenever a front door is opened. If either front door has been opened from the outside, the lamp will remain on for 15 seconds after the door is shut. If any other door has been opened from the inside, the lamp will shut off immediately after the door is closed.

Map lamps (if equipped)

The map lamps are located on the overhead console and the side roof panels. Press the lamp lens to activate the lamps.



BULBS

Replacing exterior bulbs

It is a good idea to check the operation of the following lights frequently:

- Headlamps
- Turn signals
- Cornering lamps
- High-mount brakelamp
- Tail lamps
- Brakelamps
- Backup lamps
- License plate lamps

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 and an “E” for Europe 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.

Lights

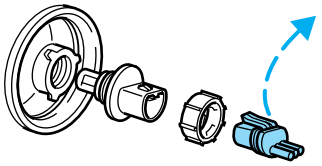
Function	Number of bulbs	Trade number
Parking lamps (front)	2	3157
Headlamps	2	9007
License plate lamps	2	194
High mount brakelamps	2	912
Backup lamps	2	3156
Brakelamps	1	3157
Cornering lamps	2	3157
Side marker lamps	2	194
Cargo liftgate lamp	1	211-2
Dome lamps	2	211-2
Turn signal lamps (front)	2	3157 AK (amber)
Turn signal lamps (rear)	2	3156
Tail Lamps	2	3157
Personal reading lamps	2	578
Stepwell lamps	4	194
Glove compartment	1	194
All replacement bulbs are clear in color except where noted.		
To replace all instrument panel lights - see your dealer.		

Replacing headlamp bulbs

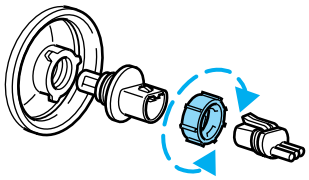
To remove the headlamp bulb:

1. Make sure headlamp switch is in OFF position, then open the hood.

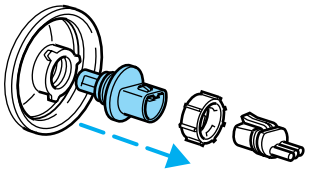
2. Disconnect the electrical connector from the bulb by pulling rearward.



3. Remove the bulb retaining ring by rotating it counterclockwise (when viewed from the rear) to free it from the bulb socket, and slide the ring off the plastic base. Keep the ring to retain the new bulb.



4. Without turning, remove the old bulb from its socket by gently pulling it straight back out of the lamp assembly.



To install the new bulb:

Handle a halogen headlamp bulb carefully and keep out of children's reach. Grasp the bulb only by 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.

1. With the flat side of the new bulb's plastic base facing upward, insert the glass end of the bulb into the lamp assembly. Turn the bulb left or right to align the grooves in the plastic base with the tabs in the lamp assembly. When the grooves are aligned, push the bulb into the lamp assembly until the plastic base contacts the rear of the lamp assembly.

2. Install the bulb retaining ring over the plastic base until it contacts the rear of the socket by rotating clockwise until you feel a "stop."

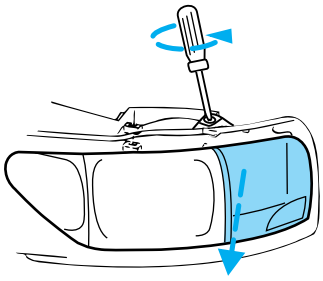
3. Connect the electrical connector into the rear of the plastic base until it snaps, locking it into position.

4. Turn the headlamps on and make sure they work properly. If the headlamp was correctly aligned before you changed the bulb, you should not need to align it again.

Replacing front cornering/side marker lamp bulbs

1. Remove screw from the lamp assembly.

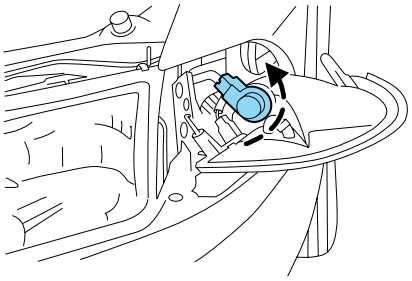
2. Disengage lamp assembly (it has a snap fit).



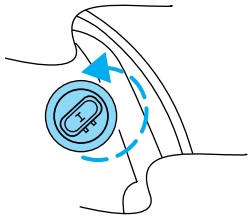
3. Remove bulb socket by turning it counterclockwise about ¼ turn, then slide it out of the lamp assembly.

4. Carefully pull bulb straight out of the socket and push in the new bulb.

5. To complete installation, follow removal procedure in the reverse order.

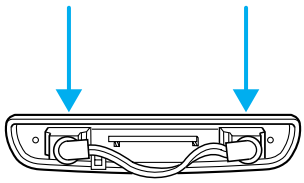


Replacing front turn signal lamp bulbs

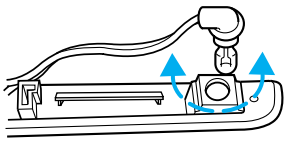


1. Remove bulb socket by turning it counterclockwise, then slide it out of the lamp assembly.
2. Carefully pull bulb straight out of the socket and push in the new bulb.
3. To complete installation, follow removal procedure in the reverse order.

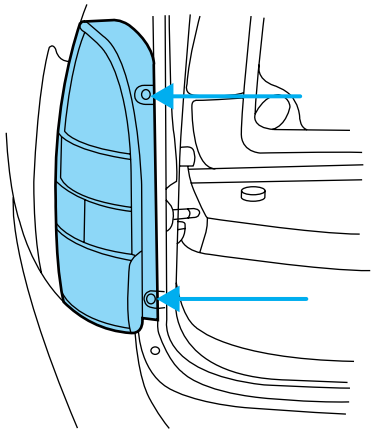
Replacing high-mount brakelamp bulbs



1. Remove the two screws and lamp assembly from vehicle.
2. Remove the bulb by rotating socket counterclockwise and pulling it out of the lamp assembly.
3. Pull bulb straight out of socket and push in the new bulb.
4. To complete installation, follow removal procedure in the reverse order.

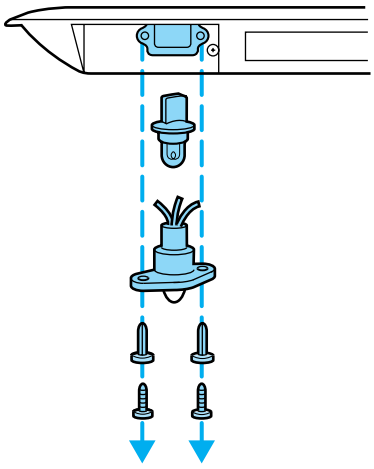


Replacing tail lamp/backup/turn signal lamp bulbs



1. Open the liftgate to expose the lamp assemblies.
2. Remove the two screws from the lamp assembly.
3. Carefully remove the lamp assembly by pulling it rearward.
4. Rotate bulb socket counterclockwise and remove from lamp assembly.
5. Carefully pull bulb straight out of the socket and push in the new bulb.
6. To complete installation, follow removal procedure in the reverse order.

Replacing license plate lamp bulbs

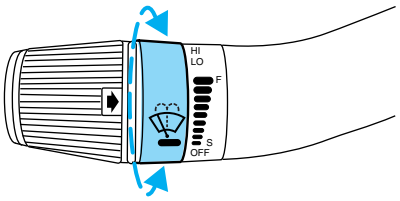


1. Remove two screws, grommets and the license plate lamp assembly from the liftgate.
2. Remove bulb socket by turning counterclockwise.
3. Carefully pull the bulb from the socket and push in the new bulb.
4. Install the lamp assembly on liftgate with two grommets, ensuring the grommets are pushed all the way in to the liftgate and secure with two screws.

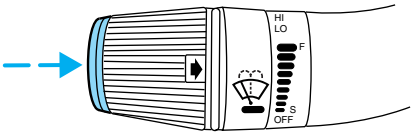
WINDSHIELD WIPER/WASHER CONTROLS

Rotate the windshield wiper control to the desired interval, low or high speed position.

The bars of varying length are for intermittent wipers. When in this position rotate the control upward for fast intervals and downward for slow intervals.

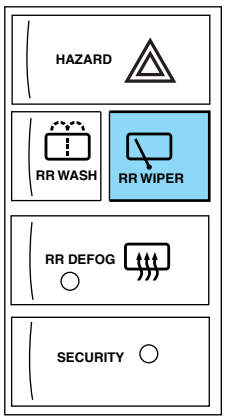


Push the control on the end of the stalk to activate washer. Push and hold for a longer wash cycle. The washer will automatically shut off after ten seconds of continuous use.

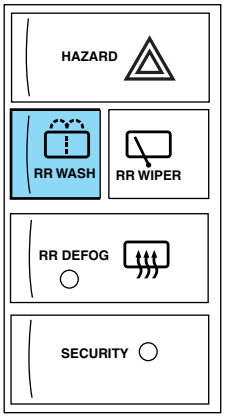


Rear window wiper/washer controls

Press the wiper control to activate the rear wiper. Press again to turn off the wiper. The wiper operates at a pre-set interval.



Press the washer control to activate the rear washer. The wiper will come on when the washer control is pressed, if it is not already on.



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.

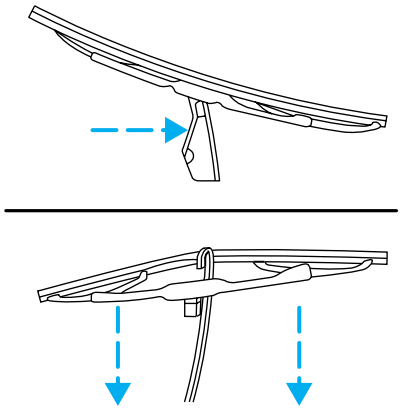
Checking the wiper blades

If the wiper blades do not wipe properly, clean both the windshield and wiper blades using undiluted windshield wiper solution or a mild detergent. Rinse thoroughly with clean water. To avoid damaging the blades, do not use fuel, kerosene, paint thinner or other solvents.

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.

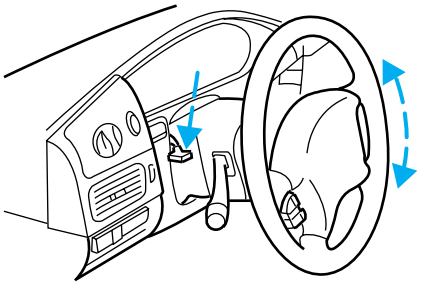


Rear window wiper blade

Refer to *Windshield wiper blades* in this section for more information on rear wiper blades.

TILT STEERING WHEEL

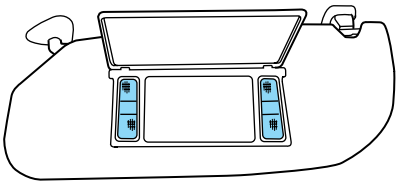
Push the tilt steering wheel lever downward to move the steering wheel up or down. Push the lever upward to lock the steering wheel in position.



Never adjust the steering wheel when the vehicle is moving.

ILLUMINATED VISOR MIRROR

To turn on the visor mirror lamps, lift the mirror cover.



OVERHEAD CONSOLE (IF EQUIPPED)

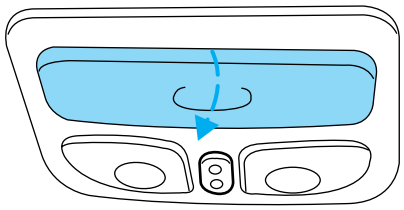
The appearance of your vehicle's overhead console will vary according to your option package.

Conversation mirror (if equipped)

The conversation mirror allows the driver to view the rear seating area.

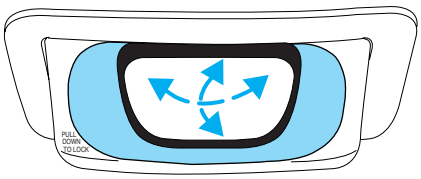
This does not replace the rear view mirror.

Push up to access the conversation mirror.



Pull down on the housing to lock it in place. Adjust the mirror, as needed, in any direction.

The rear view mirror may have to be adjusted to its lower arm position to prevent interference when the conversation mirror is extended down.



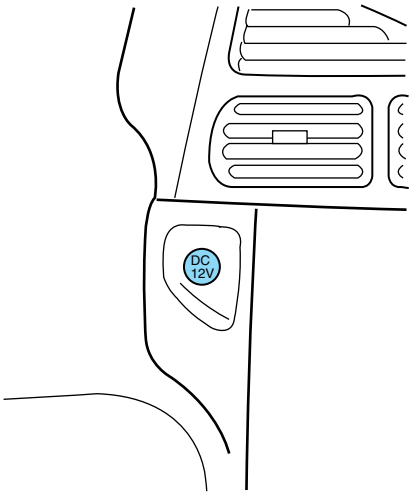
AUXILIARY POWER POINT 12V

Power outlets are designed for accessory plugs only. Do not hang any type of accessory or accessory bracket from the plug. Improper use of the power outlet can cause damage not covered by your warranty.

The power point is an additional power source for electrical accessories.

There are two auxiliary power points:

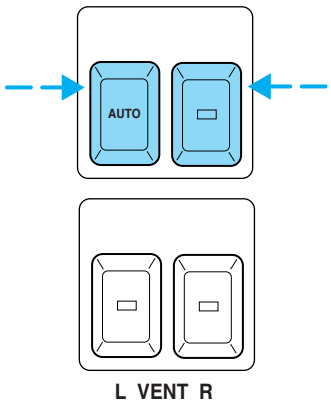
- One is located on the instrument panel.



- The second is located in the drivers side 2nd row trim panel.

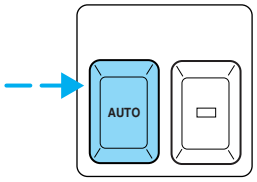
POWER WINDOWS

- Press and hold the switch to open.
- Pull up and hold the switch to close.



One touch down

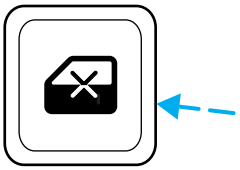
- Press AUTO completely down and release quickly. The driver's window will open fully. Depress again to stop window operation.



Window lock

The window lock feature allows only the driver to operate the power windows.

To lock out all the window controls except for the driver's press the control. Press the control again to restore the window controls.

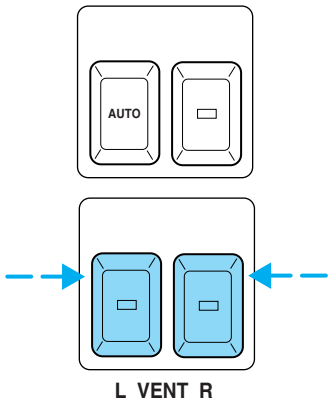


Accessory delay

With accessory delay, the window and moonroof switches may be used for up to 15 minutes after the ignition switch is turned to the OFF position or until either of the front doors are opened.

Power vent windows (if equipped)

Your vehicle may be equipped with rear power vent windows which are operated the same as the front power windows.

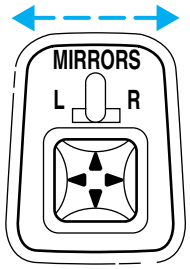


POWER SIDE VIEW MIRRORS

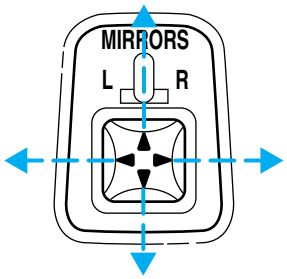
The ignition must be in ACC or ON position to adjust the power side view mirrors.

To adjust your mirrors:

1. Select L to adjust the left mirror or R to adjust the right mirror.



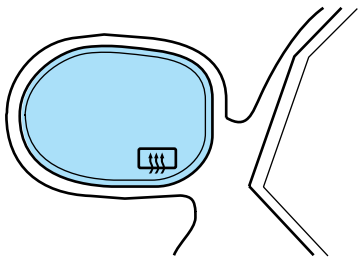
2. Move the control in the direction you wish to tilt the mirror.
3. Return to the center position to lock mirrors in place.



Heated outside mirrors (if equipped)

Both mirrors are heated automatically to remove ice, mist and fog when the rear window defrost is activated.

Do not remove ice from the mirrors with a scraper or attempt to readjust the mirror glass if it is frozen in place. These actions could cause damage to the glass and mirrors.



SPEED CONTROL

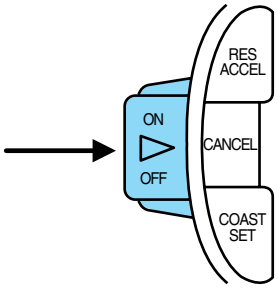
To turn speed control on

- 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.

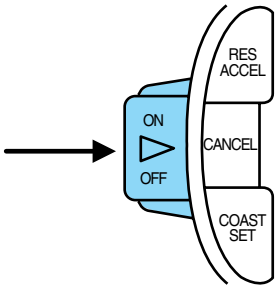
Do not use the speed control in heavy traffic or on roads that are winding, slippery, or unpaved.



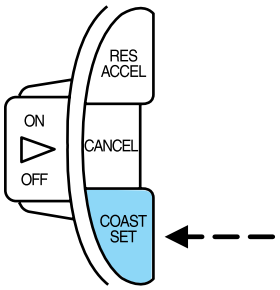
To turn speed control off

- Press OFF.

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



To set a speed



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

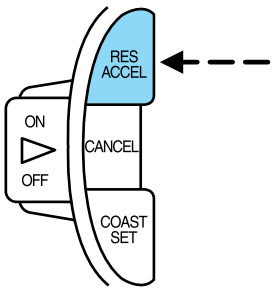
If you drive up or down a steep hill, your vehicle speed may vary momentarily slower or faster than the set speed. This is normal.

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.

If your vehicle slows down more than 12.2 km/h (8 mph) below your set speed on an uphill, your speed control will disengage. This is normal. Pressing RES/ACCEL 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

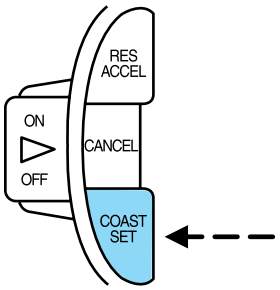


- Press and hold RES/ACCEL. Release the control when the desired vehicle speed is reached or
- Press and release RES/ACCEL to operate the Tap-Up function. Each press will increase the set speed by 1.6 km/h (1 mph) or
- Accelerate with your accelerator pedal. When the desired vehicle speed is reached,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

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.

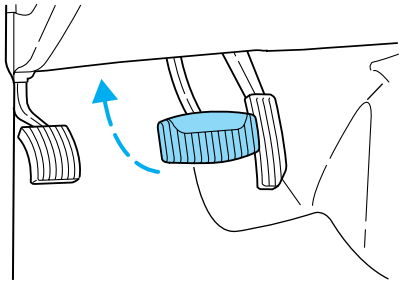
To set a lower set speed

- Press and hold COAST/SET. Release the control when the desired speed is reached or
- Press and release COAST/SET 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 COAST/SET.



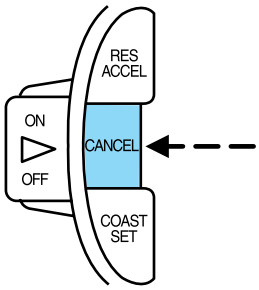
To disengage speed control

- Depress the brake pedal.



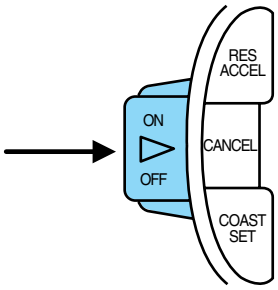
- Press CANCEL.

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



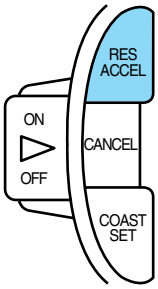
- Press OFF.

Pressing OFF will erase the previously programmed set speed.



To return to a previously set speed

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



Indicator light

- Standard analog instrument cluster

CRUISE SET

The “CRUISE” light comes on when the ON control is pressed.

The “SET” light comes on when either the COAST/SET or RES/ACCEL controls are pressed. The “SET” light turns off when the cruise CANCEL control is pressed or the brake is applied. Both the “CRUISE” and “SET” lights turn off when the OFF control is pressed or the ignition is turned to the OFF position.

- Optional electronic instrument cluster

CRUISE

This light comes on when either the COAST/SET or RES/ACCEL controls are pressed. It turns off when the cruise CANCEL control is pressed, the brake is applied or the ignition is turned to the OFF position.

STEERING WHEEL CONTROLS (IF EQUIPPED)

These controls allow you to operate some audio control features.

Audio control features

In Radio mode:

- Press NEXT to select the next preset station within the current radio band.

In Tape mode:

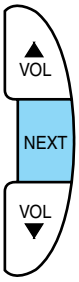
- Press NEXT to listen to the next selection on the tape.

In CD mode:

- Press NEXT to listen to the next track on the disc.

In any mode:

- Press VOL up or down to adjust the volume.



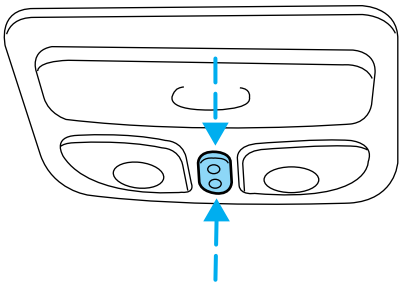
MOON ROOF (IF EQUIPPED)

To operate the moon roof:

- To open, press and hold the rear portion of the control. This will fully open the moon roof.
- To close, press and hold the front portion of the control.

To operate the moon roof vent position:

- To open, press and hold the front portion of the control. This will open the vent.



- To close, press and hold the rear portion of the control.

If the battery is disconnected, discharged, or a new battery is installed, the moon roof needs to be opened to the vent position to reset the moon roof positions.

If you open and close the moon roof repeatedly, the moon roof motor may overheat and shut down for 45 seconds while the motor cools.

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

HOMELINK® UNIVERSAL TRANSCEIVER (IF EQUIPPED)

The HomeLink® Universal Transceiver, located on the driver's visor, provides a convenient way to replace up to three hand-held transmitters with a single built-in device. This feature will learn the radio frequency codes of most current transmitters to operate garage doors, entry gate operators, security systems, entry door locks, and home or office lighting.

When programming your HomeLink® Universal Transceiver to a garage door or gate, be sure that people and objects are out of the way to prevent potential harm or damage.

Do not use the HomeLink® Universal Transceiver with any garage door opener that lacks safety stop and reverse features as required by U.S. federal safety standards (this includes any garage door opener model manufactured before April 1, 1982). A garage door which cannot detect an object, signaling the door to stop and reverse, does not meet current U.S. federal safety standards. For more information, contact HomeLink® at: **www.homelink.com** or **1–800–355–3515.**

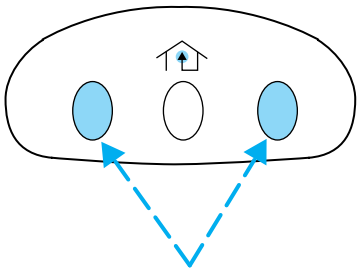
Retain the original transmitter for use in other vehicles as well as for future programming procedures (i.e. new HomeLink® equipped vehicle purchase). It is also suggested that upon the sale of the vehicle, the programmed Homelink® Universal Transceiver buttons be erased for security purposes, refer to *Programming* in this section.

Programming

Do not program the HomeLink® Universal Transceiver with the vehicle parked in the garage.

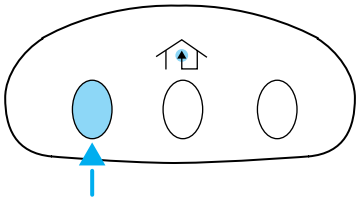
Note: Your vehicle may require the ignition switch to be turned to the ACC position for programming and/or operation of the HomeLink®. It is also recommended that a new battery be placed in the hand-held transmitter of the device being programmed to HomeLink® for quicker training and accurate transmission of the radio-frequency signal.

1. Press and hold the two outside buttons releasing only when the red light begins to flash after 20 seconds. **Do not** repeat step one to program additional hand-held transmitters to the remaining two HomeLink® buttons. This will erase previously programmed hand-held transmitter signals into HomeLink®.



2. Position the end of your hand-held transmitter 2–8 cm (1–3 inches) away from the HomeLink® Universal Transceiver surface (located on your visor) while keeping the red light in view.

3. Simultaneously press and hold both the HomeLink® and hand-held transmitter button. **Do not release the buttons until step 4 has been completed.**



Some entry gates and garage door openers may require you to replace step 3 with procedures noted in the "Gate Operator and Canadian Programming" section for Canadian residents.

4. The red light will flash slowly and then rapidly. Release both buttons when the red light flashes rapidly. (The rapid flashing light indicates acceptance of the hand-held transmitters' radio frequency signals.)

5. Press and hold the just-trained HomeLink® button and observe the red light. If the light is a constant red, programming is complete and your device should activate when the HomeLink® button is pressed and released. **Note:** To program the remaining two HomeLink® buttons, begin with step 2 in the "Programming" section — **do not** repeat step 1. If the red light blinks rapidly for two seconds and then turns to a continuous red, proceed with steps 6 through 8 to complete programming of a rolling code equipped device.

6. At the garage door opener receiver (motor-head unit) in the garage, locate the “learn” or “smart” button (usually near where the hanging antenna wire is attached to the unit).

7. Press and release the “learn” or “smart” button. (The name and color of the button may vary by manufacturer.)

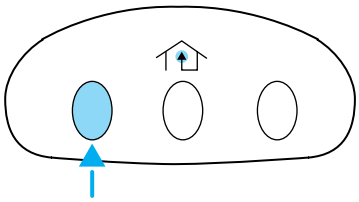
Note: There are 30 seconds in which to initiate step eight.

8. Return to the vehicle and firmly press, hold for two seconds and release the HomeLink® button. Repeat the press/hold/release sequence again, and, depending on the brand of the garage door opener (or other rolling code equipped device), repeat this sequence a third time to complete the programming.

HomeLink® should now activate your rolling code equipped device. To program additional HomeLink® buttons begin with step 2 in the “Programming” section. For questions or comments, please contact HomeLink at **www.homelink.com.** or **1–800–355–3515.**

Gate Operator & Canadian Programming

During programming, your hand-held transmitter may automatically stop transmitting — not allowing enough time for HomeLink® to accept the signal from the hand-held transmitter.

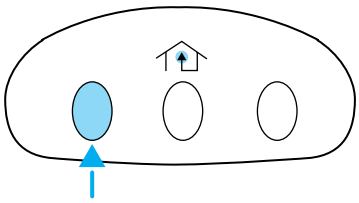


After completing steps 1 and 2 outlined in the *“Programming”* section, replace step 3 with the following:

Note: If programming a garage door opener or gate operator, it is advised to unplug the device during the “cycling” process to prevent overheating.

- Continue to press and hold the HomeLink® button (note step 3 in the “Programming” section) while you press and release — **every two seconds** (“cycle”) your hand-held transmitter until the frequency signal has been accepted by the HomeLink®. The red indicator light will flash slowly and then rapidly after HomeLink® accepts the radio frequency signal.
- Proceed with step 4 in the “Programming” section.

Operating the HomeLink® Universal Transceiver



To operate, simply press and release the appropriate HomeLink® button. Activation will now occur for the trained product (garage door, gate operator, security system, entry door lock, or home or office lighting etc.). For convenience, the hand-held transmitter of the device may also be used at any time. In the event that there are still programming difficulties, contact Homelink® at **www.homelink.com.**or **1–800–355–3515.**

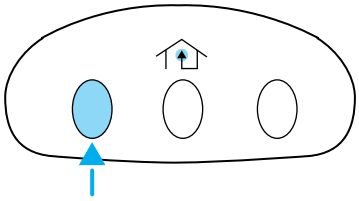
Rolling code programming

To train a garage door opener (or other rolling code equipped devices) with the rolling code feature, follow these instructions **after** completing the **"Programming"** in this section. (A second person may make the following training procedures quicker & easier)

1. Locate the **"learn" or "smart" button** on the garage door motor head unit. Exact location and color of the button may vary by product brand. If there is difficulty locating the "learn" or "smart" button refer to the device's owner manual or contact Homelink® at **1–800–355–3515** or on the Internet at **www.homelink.com.**

2. Press and release the "learn" or "smart" button on the garage door motor head unit.

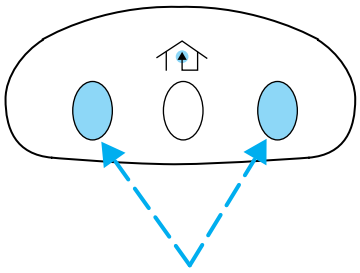
Note: Following step 2, there are 30 seconds in which to initiate step 3.



3. Press and release the programmed HomeLink® button. Press and release the HomeLink® button a *second time* to complete the training process. (Some garage door openers may require this procedure to be done a *third time* to complete the training.)

The rolling code equipped device should now recognize the Homelink signal and activate when the Homelink button is pressed. The remaining two buttons may now be programmed if this has not previously been done. Refer to the *"Programming"* in this section.

Erasing HomeLink® buttons



To erase the three programmed buttons (individual buttons cannot be erased):

- Press and hold the two outer HomeLink® buttons until the red indicator light begins to flash-after 20 seconds. Release both buttons. Do not hold for longer that 30 seconds.

HomeLink® is now in the train (or learning) mode and can be programmed at any time beginning with step 2 in the *"Programming"* section.

Reprogramming a single HomeLink® button

To program a device to HomeLink® using a HomeLink® button previously trained, follow these steps:

1. Press and hold the desired HomeLink® button. **Do NOT** release the button.

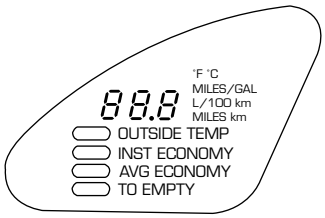
2. The red indicator light will begin to flash after 20 seconds. Without releasing the HomeLink® button, follow step 2 in the "Programming" section.

For questions or comments, contact HomeLink® at **www.homelink.com** or **1–800–355–3515.**

ELECTRONIC MESSAGE CENTER (IF EQUIPPED)

The electronic message center only works when the ignition is in the ON position.

The message center allows you to:



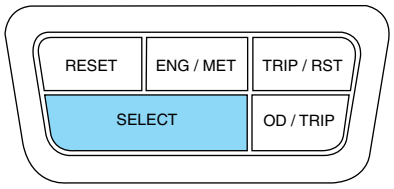
- display the outside temperature.
- change your gauges from English to metric units.
- monitor the instantaneous fuel economy.
- monitor the average fuel economy.
- see how many kilometers/miles you can drive before running out of fuel.

You can select different features for the message center to display by using the message center controls located to the left of the instrument panel.

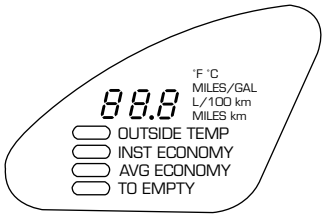
Selectable features

Select

Press this control to select the following features:



- OUTSIDE TEMP
- INST ECONOMY
- AVG ECONOMY
- TO EMPTY

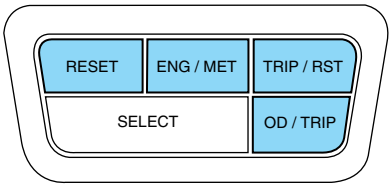


Reset

Press this control to reset the average fuel economy calculation.

Eng/met

Press this control to change your instrument cluster gauges from English to metric. To switch the Electronic Automatic Temperature Control (if equipped) display between Fahrenheit and Celsius, refer to *Temperature conversion* in this chapter.



Trip/rst

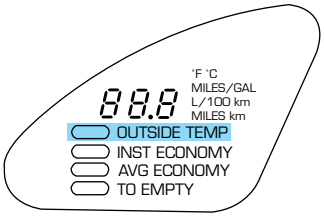
Press this control to reset the trip 1 and 2 odometer (which ever is displayed).

Od/trip

Press this control to switch between the permanent odometer mileage and the trip 1 and 2 odometer mileage.

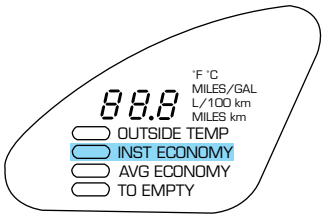
Message center functions

Outside temp



Press SELECT until the menu displays OUTSIDE TEMP. This will display the temperature of the air outside of your vehicle. The accurate temperature will be displayed after the vehicle has reached the outside temperature and is driven at speeds of 48 km/h (30 mph) or greater.

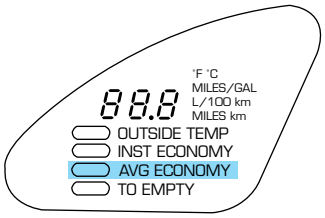
Inst economy



Press SELECT until the menu displays INST ECONOMY. This will display your fuel economy in liters/100 km or miles/gallon based on the type of traffic you are in.

Your vehicle must be moving to calculate instantaneous fuel economy. When your vehicle is not moving, this function shows 99 L/100km or 0 MILES/GAL. Instantaneous fuel economy cannot be reset.

Avg economy



Press SELECT until the menu displays AVG ECONOMY. This will display your average fuel economy in liters/100 km or miles/gallon.

If you calculate your average fuel economy by dividing liters of fuel used by 100 kilometers traveled (miles traveled by gallons used), your figure may be different than displayed for the following reasons:

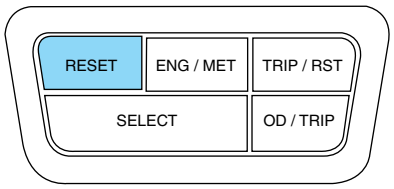
- your vehicle was not perfectly level during fill-up
- differences in the automatic shut-off points on the fuel pumps at service stations
- rounding of the displayed values to the nearest 0.1 liter (gallon)

Checking your highway fuel economy using the electronic message center display

Use the following procedure will allow you to accurately monitor your actual highway fuel economy. This procedure requires the vehicle speed control system to be set to highway speeds and must be run only on suitable roadways where long distance speed control can be safely maintained.

You may notice gradual improvement in fuel economy over the course of your vehicle's break-in period (approximately 1 600 kilometers [1 000 miles]).

1. Set the speed control. Refer to *Speed control* in this chapter.
2. Select AVG ECONOMY.
3. Press the RESET control to clear the system memory.



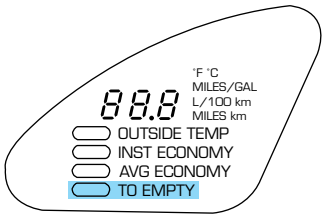
- *Actual highway fuel economy is now displayed.* This current average measure will change as the speed control system changes the engine speed to maintain a constant vehicle speed. This is most noticeable in hilly environments.

4. Drive the vehicle at least 8 km (5 miles) with the speed control system engaged to display a stabilized average.
5. Record the highway fuel economy for future reference.

It is important to press the RESET control after setting the speed control to get accurate highway fuel economy readings.

To empty

Press SELECT until the menu displays TO EMPTY. This will display how many kilometers or miles you can drive until you run out of fuel.

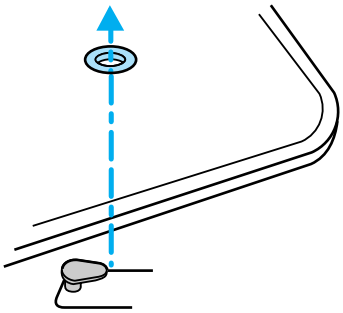


To ensure accuracy, turn the ignition off when you fill the fuel tank.

When the engine is restarted, the message center will display the last setting selected.

POSITIVE RETENTION FLOOR MAT

Position the floor mat so that the eyelet is over the pointed end of the retention post. Make sure that the mat does not interfere with the operation of the accelerator or the brake pedal. To remove the floor mat, reverse the installation procedure.



CENTER CONSOLE (IF EQUIPPED)

Your vehicle may be equipped with a variety of console features. These include:

- Utility compartment
- Cupholders
- Autovision® Entertainment System (if equipped)

Autovision® Entertainment System (if equipped)

Your vehicle may be equipped with an Autovision Entertainment System. This system offers the rear passengers a VHS video cassette player, a 6.4” LCD video screen, video game inputs and is integrated into the vehicle audio system. Refer to the Autovision Entertainment System User Manual for operating instructions or call 1-877–848–6434 for product assistance.

OVERDRIVE CONTROL

Activating overdrive

D (Overdrive) is the normal drive position for the best fuel economy.

The overdrive function allows automatic upshifts from third to fourth gear.

Deactivating overdrive

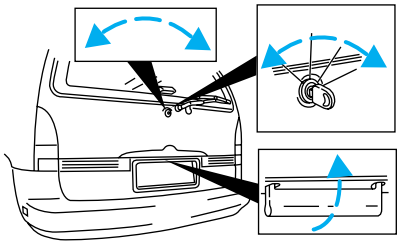
Press the Transmission Control Switch (TCS) located on the end of the gearshift lever. The O/D OFF indicator light will illuminate. The transaxle will operate in all gears except overdrive.

To return to normal overdrive mode, press the Transmission Control Switch again. The O/D OFF indicator light will no longer be illuminated.

When you shut off and re-start your vehicle, the transaxle will automatically return to normal D (Overdrive) mode.

For additional information about the gearshift lever and the transmission control switch operation refer to the *Automatic Transaxle Operation* section of the *Driving* chapter.

LIFTGATE



To open the liftgate window (if equipped), insert key into lock and turn clockwise. The window unlatches and the wiper moves out of the way.

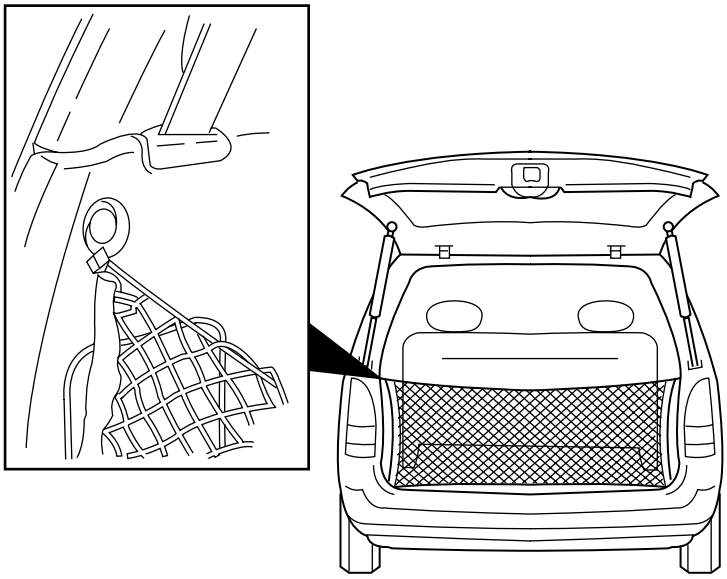
To open the liftgate, insert key into lock and turn counterclockwise. Pull back and upward on liftgate handle to fully open liftgate.

- The auto-rise feature automatically raises the liftgate or window (if equipped). In cold weather you may have to assist opening the liftgate or window since the auto-rise feature may slow down.
- Do not open the liftgate or liftgate window in a garage or other enclosed area with a low ceiling. If the liftgate window is raised and the liftgate is also opened, both liftgate and window could be damaged against a low ceiling.
- The liftgate can be locked by turning the key clockwise in between the upright key position and the liftgate window (if equipped) key position. Do not turn the key fully clockwise unless you wish to open the liftgate window (if equipped).

Make sure that the liftgate door and/or window are closed to prevent exhaust fumes from being drawn into the vehicle. This will also prevent passengers and cargo from falling out. If you must drive with the liftgate door or window open, keep the vents open so outside air comes into the vehicle.

Cargo Area Features

Rear Cargo net

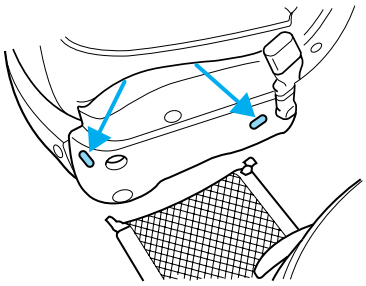


The cargo net helps stabilize lightweight objects in the cargo area. Attach the net to the anchors provided. The cargo restrained in the net must not exceed 22 kg (50 lbs.) or the net may not stay secured.

The front and/or rear cargo nets are not designed to restrain objects during a collision or heavy braking.

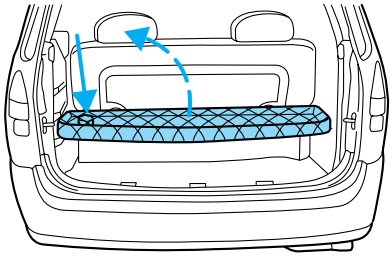
Front Cargo net (if equipped)

The front cargo net can be used to hold small items between the front seats. To install the net, secure the hooks into the retainers located on the inboard base of the front seats.



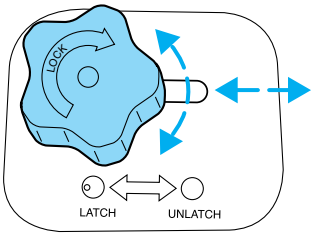
Parcel Shelf (if equipped)

Your vehicle may be equipped with a 14 kg (30 lbs.) maximum capacity parcel shelf located behind the rear seat of your vehicle which can be positioned to three different heights.



To remove the shelf:

1. Open the liftgate.
2. Disconnect the net loop from the retainer underneath the shelf to access the lock knob.
3. Turn the lock knob counterclockwise and slide the knob to the UNLATCH position.
4. Remove the shelf from the vehicle.



To install the shelf:

1. Position and slide the shelf into the right mounting bracket; then align the shelf into the left mounting bracket.
2. Slide the lock knob to the LATCH position and tighten the lock knob clockwise.
3. Connect the net loop to the retainer underneath the shelf and close the liftgate.

To secure objects on the shelf:

1. Disconnect the net loops from the retainers underneath the shelf.
2. Place the objects underneath the net and secure the net loops to the retainers underneath the shelf.

All objects loaded on the cargo shelf MUST BE SECURED UNDER THE CARGO NET. The net is permanently attached to the cargo shelf.

Do not load more than 14 kg (30 lbs.) on the parcel shelf.

Do not load the parcel shelf through the liftgate glass. You MUST open the entire rear liftgate to gain access to the rear net retainers under the shelf.

Make sure the rear seat back is in the rearmost/upright position when parcel shelf is loaded.

Do not load any objects on the parcel shelf that may obstruct your vision or strike occupants of the vehicle in the case of a sudden stop or collision.

Failure to secure cargo under the cargo net will increase the risk of the cargo striking occupants in the case of a sudden stop or collision.

To properly use child safety tethers in the 3rd row seat position, REMOVE THE PARCEL SHELF and tether child safety seat to the tether anchor located on the floor behind the 3rd row seat.

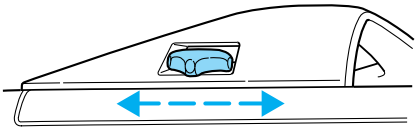
Do not place people or pets on or under the parcel shelf.

LUGGAGE RACK (IF EQUIPPED)

The front and rear cross-bar can be adjusted to fit the item being carried. Do not load more than 44 kg (100 lbs.) on the luggage rack.

To adjust cross-bar position:

1. Loosen the thumbwheel at both ends of the cross-bar.
2. Slide the cross-bar to the desired location.
3. Tighten the thumbwheel at both ends of the cross-bar.



Use adjustable tie down loops to secure the load.

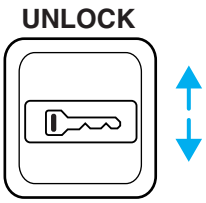
KEYS

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.

POWER DOOR LOCKS

Push control forward to unlock all doors and pull backward to lock all doors.



Anti-lockout

This feature prevents the front doors from being locked while the key is in the ignition and the driver's door is open. Remove the key from the ignition before exiting the vehicle.

Central locking

When unlocking the front doors with the key, turn the key once toward the rear of the vehicle to unlock that door only. Turn the key back to the original position and then to the rear a second time to unlock all doors.

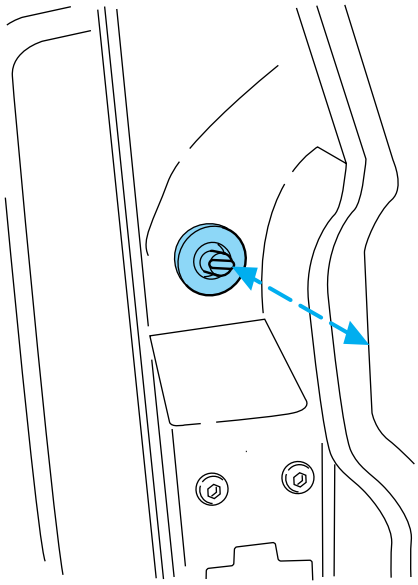
When locking, turn the key toward the front of the vehicle to lock all doors.

Childproof door locks

When these locks are set, the rear doors cannot be opened from the inside. The rear doors can be opened from the outside when the doors are unlocked.

The childproof locks are located on front edge of each sliding rear door and must be set separately for each door. Setting the lock for one door will not automatically set the lock for both doors.

Pull lock control out to engage the lock. Push control in to disengage childproof locks.



REMOTE ENTRY SYSTEM

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.

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:

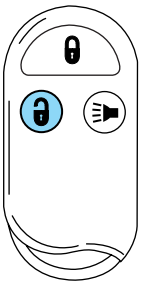
- lock or unlock all vehicle doors without a key.
- activate the panic alarm.

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.

Unlocking the doors

Press this control to unlock the driver's door. The interior lamps will illuminate and the parking and tail lamps will flash once.

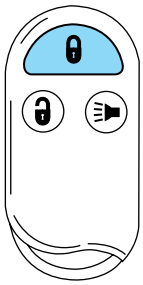
Press the control a second time within five seconds to unlock all doors.



Locking the doors

Press this control to lock all doors.

To confirm all doors are closed and locked, the horn will chirp and the lamps will flash. The horn chirp feature can be turned on/off by holding the LOCK and UNLOCK controls on the transmitter simultaneously for two seconds. The hazard lights will flash three times each time the system is toggled between active and non-active modes.

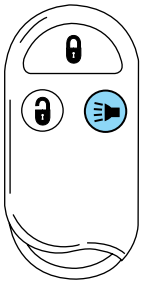


If any of the doors are ajar, the horn will not chirp and the lights will not flash.

Sounding a panic alarm

To activate the alarm, press and hold the PANIC control for longer than 1.5 seconds. The horn will sound and the headlamps and tail lights will flash for thirty (30) seconds.

To deactivate the alarm, press the LOCK or UNLOCK or hold the PANIC control down for longer than 1.5 seconds.



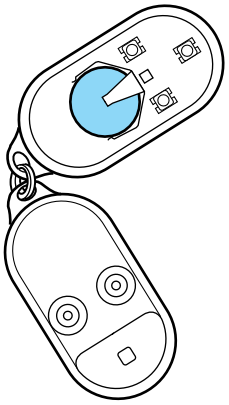
Replacing the battery

The transmitter is powered by one coin type three-volt lithium battery. 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

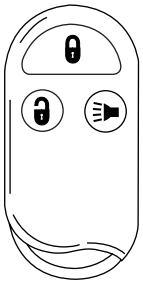
To replace the battery:

1. Twist a thin coin between the two halves of the transmitter near the key ring. DO NOT TAKE THE FRONT PART OF THE TRANSMITTER APART.
2. Place the positive (+) side of new battery up. Refer to the diagram inside the transmitter unit.
3. Snap the two halves back together.



Replacing lost transmitters

- Take all your vehicle's transmitters to your dealer if service is required.
- If you purchase additional transmitters (up to four may be programmed into memory), perform the following procedure.



With all doors closed and locked, insert and remove the key from the ignition six times within ten seconds. The park lamps will flash twice to confirm the programming mode has been entered.

Re-insert the key and turn to the ON position. Press any control on the first transmitter. The park lamps will flash twice to confirm the programming.

To program additional (up to four) transmitters yourself, perform the following procedure.

- Unlock, then lock the driver's door using the power door lock switch.
- Press any control on the next transmitter to be programmed. The park lamps will flash twice to confirm the acceptance of registration. Repeat this step for additional transmitters.

When programming is complete, open the driver's door. The park lamps will flash twice to confirm the end of programming.

All transmitters **must** be programmed at the same time.

Illuminated entry

The interior lamps illuminate when the remote entry system is used to unlock the door(s) or sound the panic alarm.

The system automatically turns off after 15 seconds or when the ignition is turned to the RUN position.

The inside lights will not turn off if:

- they have been turned on with the headlamp control, or
- any door is open.

The battery saver will shut off the interior lamps after 30 minutes if the front door is left open or after 60 minutes if the liftgate is left open.

ANTI-THEFT SYSTEM

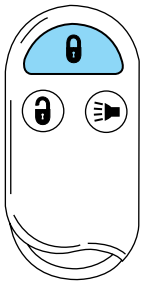
When armed, the anti-theft system will help prevent your vehicle from unauthorized entry.

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.

Arming the system

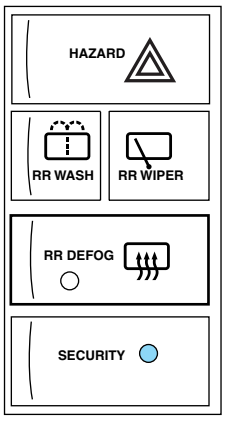
When unauthorized entry occurs, the system will flash headlamp lamps, tail lamps and the security indicator lamp, chirp the horn and disable the starting system.

The system is ready to arm whenever the key is removed from the ignition. Any of the following actions will prearm the alarm system:



- Lock the doors with the remote transmitter (doors opened or closed). The horn will chirp (if all doors are closed) to confirm that the control was pressed. The horn chirp feature can be turned on/off by holding the LOCK and UNLOCK controls on the transmitter simultaneously for two seconds. The hazard lights will flash three times each time the system is toggled between active and non-active modes.
- Open a door and press the power door lock control to lock the doors.

If a door is open, the system is prearmed and is waiting for the door to close. Once all the doors are closed, the security indicator lamp on the instrument panel will illuminate continuously when the system is prearmed.



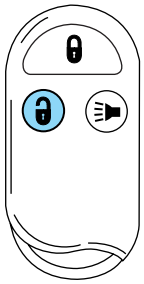
The system will arm in 30 seconds and the security indicator lamp will begin to flash.

Disarming the anti-theft system

Disarming an untriggered anti-theft system

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

- Unlock the doors by using your remote entry transmitter.
- Unlock the doors with a key. Turn the key full travel (toward the rear of the vehicle) to make sure the alarm disarms.
- Turn ignition to ACC or ON.



Triggering the anti-theft system

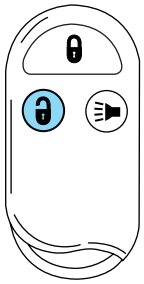
The armed system will be triggered if:

- Any door or liftgate is opened without using the door key or the remote entry transmitter. (if the vehicle is armed while in side the vehicle, inserting the key into the ignition will also trigger system.)

Disarming a triggered anti-theft system

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

- Press the unlock control using your remote entry transmitter.
- Unlock the doors with a key.

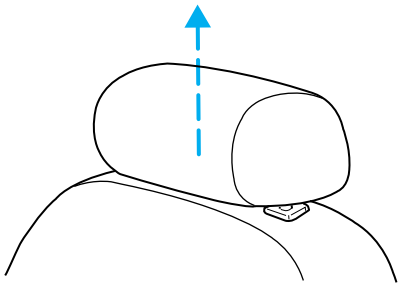


SEATING

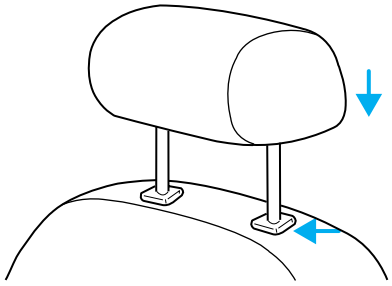
Adjustable head restraints (if equipped)

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.

The head restraints can be moved up and down.



Push side control and push down on head restraint to lower it.



Adjusting the front manual seat

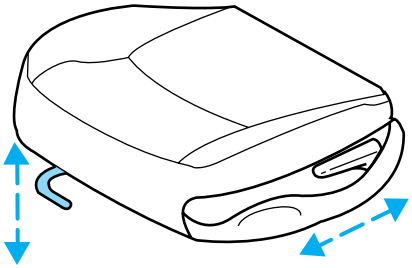
Never adjust the driver's seat or seatback when the vehicle is moving.

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

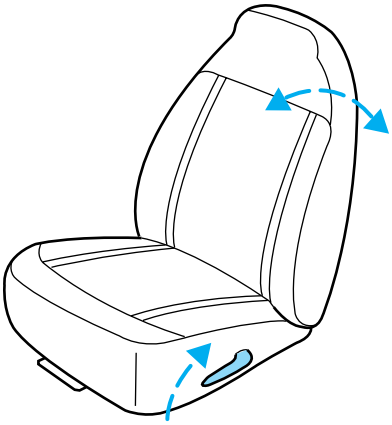
Always drive and ride with your seatback upright and the lap belt snug and low across the hips.

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.

Lift handle to move seat forward or backward.



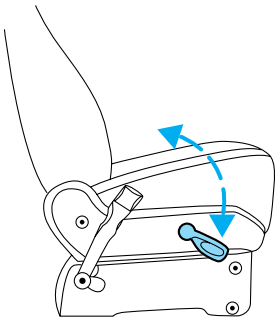
Pull lever up to adjust seatback.



Using the manual lumbar support (if equipped)

The lumbar control is located on the inboard side of the driver's seat.

Move the control up or down to adjust lumbar support.



Adjusting the power seats (if equipped)

The power seat controls are located on the outboard side of the seat.

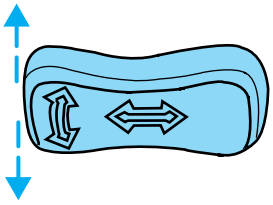
Never adjust the driver's seat or seatback when the vehicle is moving.

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

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.

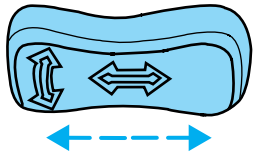
Move the control up or down to move the seat up and down.

- 6 way (driver seat)

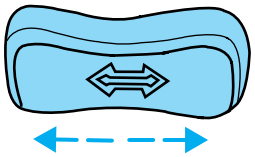


Slide the control forward or backward to move the seat forward or backward.

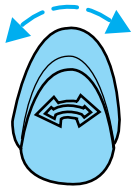
- 6 way (driver seat)



- 4 way (passenger seat)

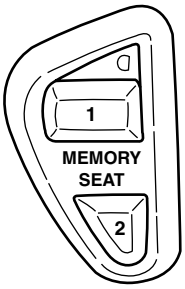


Rotate the vertical control to adjust the seatback.



Memory seats and mirrors (if equipped)

Some vehicles may only have the memory feature available for the seats.



The memory seat control is located on the driver's door panel. The control operates with the ignition in the OFF position or the ignition is in the ON position and the vehicle is in P (Park) or N (Neutral).

The two buttons provide three memory positions, one individual position for each button and a third position obtained by pressing buttons 1 and 2 simultaneously.

Position three (pressing 1 and 2 simultaneously) is always full rearward and downward for exit mode, but is not programmable.

To record the memory positions:

1. Move the seat and mirror to the desired position using the manual controls.

2. Press button 1 or 2 and hold for at least two seconds. The indicator light will stay on until the position is programmed. When the position has been programmed, the indicator light will flash three times. Repeat procedure for second position.

To record a remote entry transmitter:

1. Program a desired position to a memory switch as indicated above.

2. Press and hold the desired memory position button. Within ten seconds, press the unlock button on the transmitter while the memory button is pressed.

3. When the transmitter has been programmed, the indicator will flash five times. The indicator light will remain illuminated until the memory button is pressed again or ten seconds lapse.

To remove a programmed seat position:

1. Press and hold both memory seat buttons 1 and 2 and then press the unlock button on the remote entry transmitter.

REAR SEATS

Removable floor mats

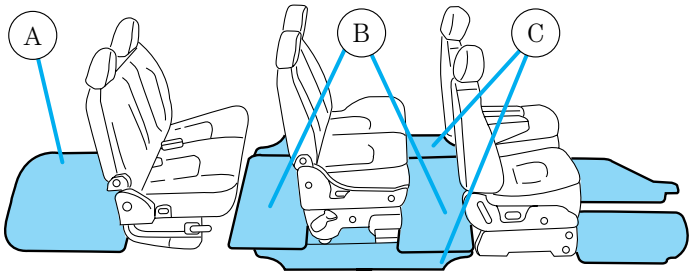
Whenever the floor mats are removed to adjust or move any of the rear seats, always reinstall the mats before passengers ride in the vehicle. The floor mats are specifically designed to keep objects out of the seat tracks.

- 7 passenger vehicle

A. Cargo mat (if equipped)

B. Narrow mats

C. Sliding door mats, LH/RH

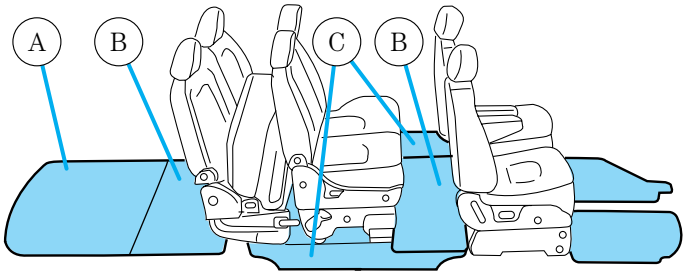


- 4 passenger vehicle (with third row seat in storage position)

A. Cargo mat (if equipped)

B. Narrow mats

C. Sliding door mats, LH/RH

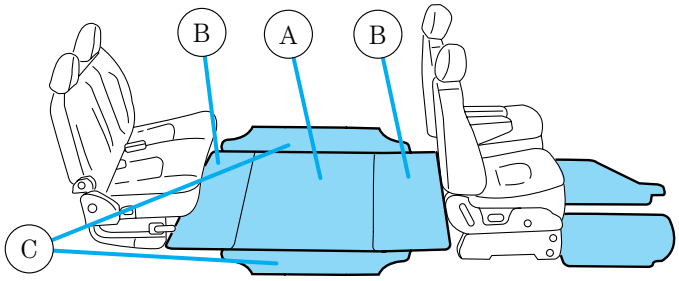


- 5 passenger vehicle (second row seats removed)

A. Cargo mat (if equipped)

B. Narrow mats

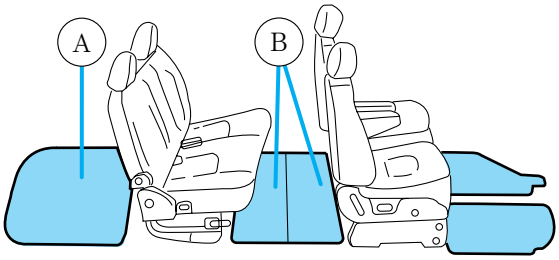
C. Sliding door mats, LH/RH



- 5 passenger vehicle (second row seats removed and third row bench seat moved forward to limousine seating position)

A. Cargo mat (if equipped)

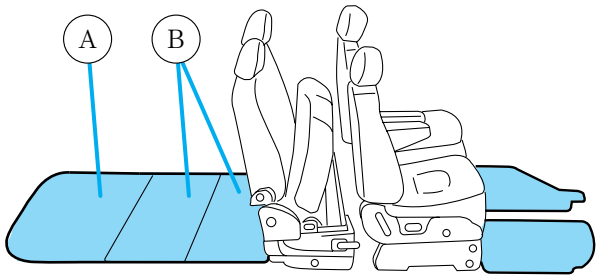
B. Narrow mats



- Two passenger vehicle (second row seats removed and third row seat stored in full forward position — if equipped with Rear Seat Entertainment System, the third row seat cannot be put into this position.)

A. Cargo mat (if equipped)

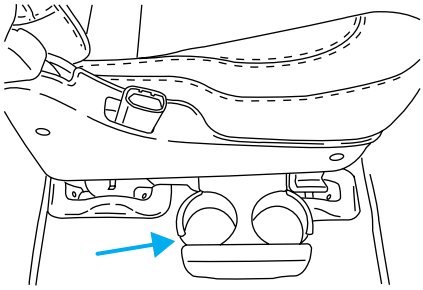
B. Narrow mats



Stowed cupholders

The vehicle is equipped with cupholders that pull out from the 2nd row seat:

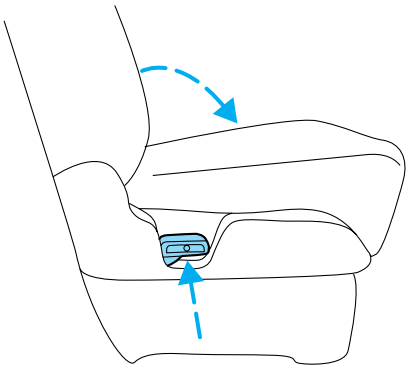
- Bench seat - below center of the seat cushion
- Bucket seat (driver's side only) - inboard side of seat base



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

Adjusting 2nd row bench

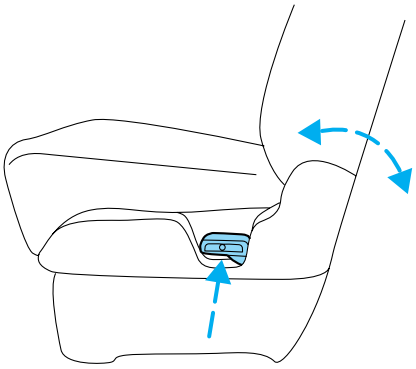
Pull control up to flip seatback to forward flat position.



2nd row bucket seats (if equipped)

- **Adjusting the left side bucket seat**

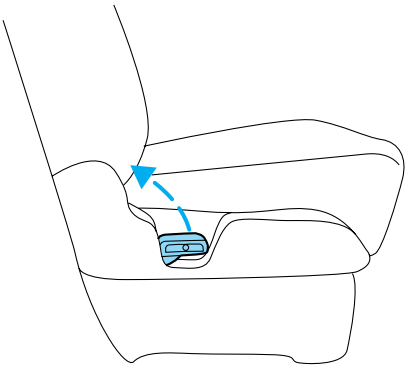
Pull control up to recline the seatback or fold the seatback flat.



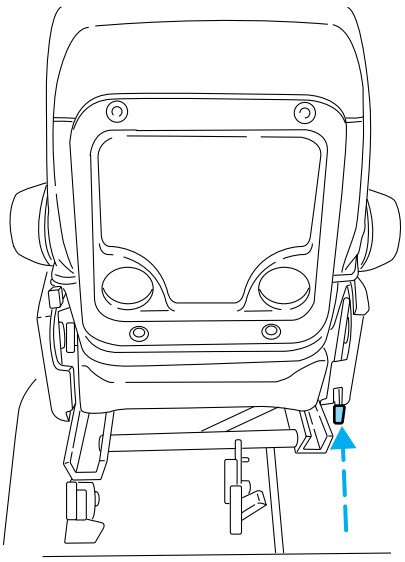
- **Adjusting the right side (E-Z Entry Tip Slide) bucket seat**

The E-Z Entry Tip Slide seat allows for easier entry and exit to and from the 3rd row seat. The E-Z Entry system will slide the seat and tip the seatback forward (the seatback must be in the upright position).

To enter the 3rd row seat, pull up on the seatback recline handle.

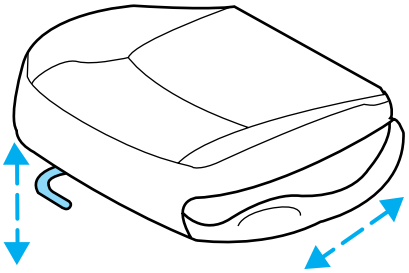


To exit the third row seat, pull up on the 3rd row access control.

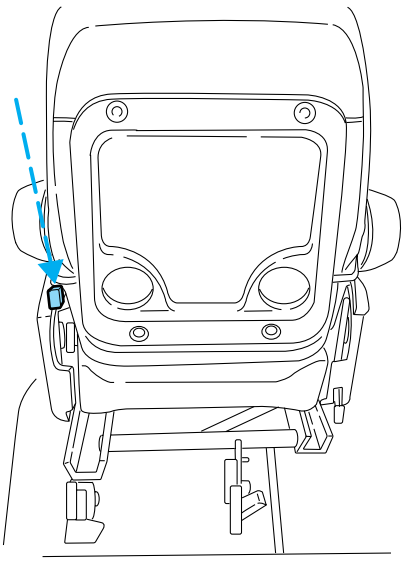


To return the seat to a seating position, move the seat rearward until the seat track locks. Then readjust the seatback.

Lift handle to move the seat forward or backward.



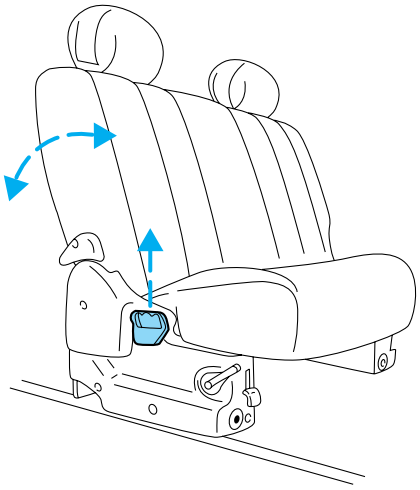
Pull control up to flip seatback to a forward flat position.

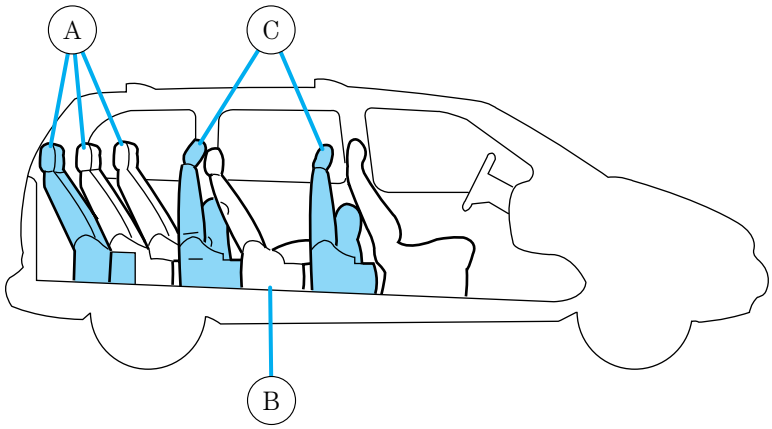


Adjusting 3rd row bench

Pull control up to adjust seatback position.

This control will also allow the seatback to be put in the forward flat position.





The entire seat can be moved to four seating positions and two storage positions.

Before rearranging the seats, remove any floor mats that might be in the way, see *Removable floor mats* in this chapter for instructions on placement of floor mats.

For vehicles equipped with a second row bench seat: If the three passenger bench seat is moved up to the second row position, the outside passenger (opposite the driver) should fasten the standard lap/shoulder belt. The secondary seat belt tongue is not fastened to the outside bottom of the seat (as does the two passenger bench seat). This is not required with the three passenger bench seat since the seat is much wider.

The seat tracks may have grease on them that could stain your clothing or vehicle fabric surfaces if care is not taken when handling the seats.

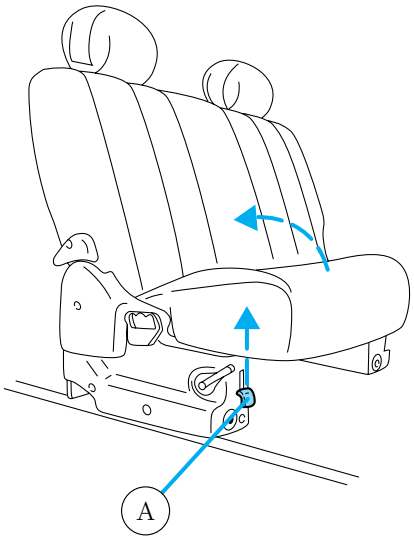
A. Three rearward seating positions

B. Limousine seating position (3rd row seat with 2nd row seat removed)

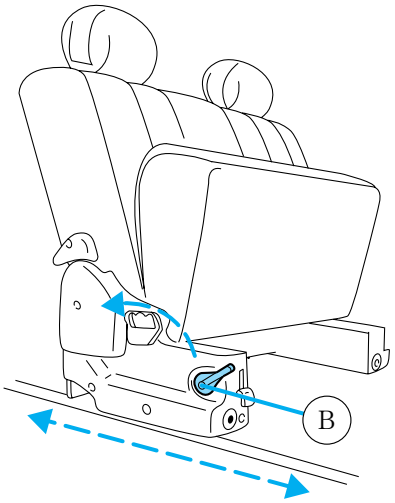
C. Two storage positions (If equipped with a Rear Seat Entertainment System, the second row seat cannot be locked in the forward most position.)

To move the seat to another seating or storage position:

1. Lift control (A) to release the seat cushion and flip the cushion up. The seat cushion must be moved to the storage position before the seat can be moved along the track.



2. Pull control (B) to move the seat forward or backward until it locks into position. The seat cushion cannot be lowered if the seat is in a storage position.



After sliding the seat, check to ensure that both sides of the seat are locked in position. This must be done before the vehicle is put into motion in order to prevent unintended movement of the seat.

Every time you adjust any seat, check to be sure that it is properly latched in the lock position of both seat tracks. If the seat is not properly latched, it could come loose and increase the risk of severe injury or death in an accident.

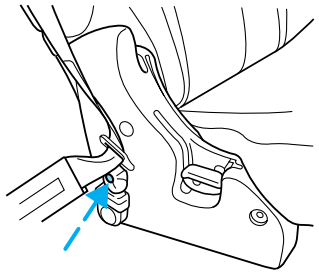
The 3rd row bench seat is not removable.

To remove the 2nd row seat(s):

Use the following instructions for both bench and bucket seats.

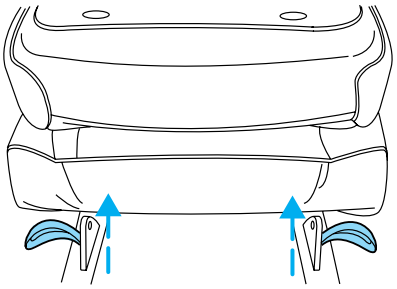
The seat tracks may have grease on them that could stain your clothing or vehicle fabric surfaces if care is not taken when handling the seats.

Fold the seatback flat before removing each seat. Refer to the *Adjusting 2nd row seats* portion of this section.



1. (Bench seats only) Disengage the lap/shoulder belt from the seat belt detach anchor by pushing the release control and lifting upward.

2. From behind the seat, pull up on the release straps located on each side of the seat, releasing the rear floor latches.



3. Lift up the back of the seat to clear the floor latches and then pull the seat rearward until the front hooks have come out of the floor anchors.

4. Remove the seat. Two people should lift and rotate the seat and remove it from vehicle.

To install the seat:

The bucket seats are not interchangeable due to the locations of the seat anchors on the floor of the vehicle. Each seat must be installed in its original position.

1. Position the seat in the vehicle.
2. Align seat front hooks to front anchors and push forward into place, lower back of seat into the rear anchors until both rear latches fully engage into place. Be sure that the seat is locked in place both front and back.
3. (Bench seats only) Make sure the safety belt is not twisted, then insert the seat belt tongue into detachable anchor until you hear a “click” and feel the latch engage.

Always latch the vehicle seat to the floor, whether the seat is occupied or empty. If not latched, the seat may cause injury during a sudden stop.

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.

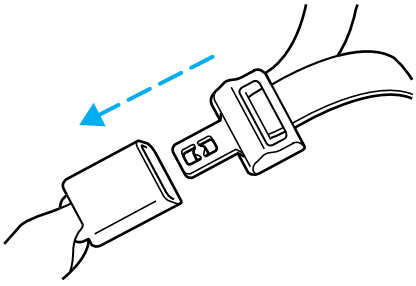
In a rollover crash, an unbelted person is significantly more likely to die than a person wearing a safety belt.

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.

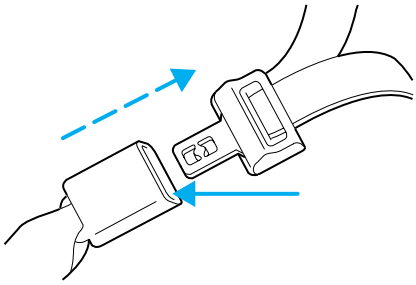
Always transport children 12 years old and under in the back seat and always properly use appropriate child restraints.

Combination lap and shoulder belts

1. Insert the belt tongue into the proper buckle (the buckle closest to the direction the tongue is coming from) until you hear a snap and feel it latch. Make sure the tongue is securely fastened in the buckle.



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



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

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.

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.

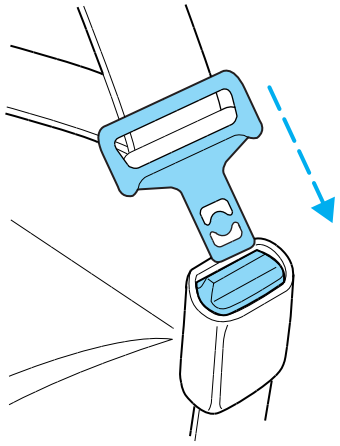
The automatic locking mode is not available on the driver safety belt.

When to use the automatic locking mode

- **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 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.

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 front passenger and rear outboard seat belt systems 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.

Safety belt pretensioner

Your vehicle is equipped with safety belt pretensioners at the driver and front outboard passenger seating positions.

The safety belt pretensioners are designed to activate only when the safety belts are fastened during certain frontal or near-frontal collisions. A safety belt pretensioner tightens the webbing of the lap and shoulder belts during a crash so that they fit more snugly.

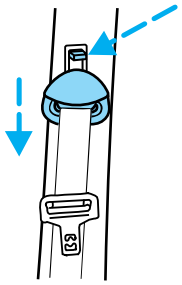
The driver and front outboard passenger safety belt system (including retractors, buckles and height adjusters) must be replaced if the vehicle is involved in a collision that activates the safety belt pretensioners. Refer to the *Safety belt maintenance* section in this chapter.

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

Front safety belt height adjustment

Your vehicle has safety belt height adjustments for the driver and front passenger. Adjust the height of the shoulder belt so the belt rests across the middle of your shoulder.

To lower the shoulder belt height, push the button and slide the height adjuster down. To raise the height of the shoulder belt, slide the height adjuster up. Pull down on the height adjuster to make sure 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.

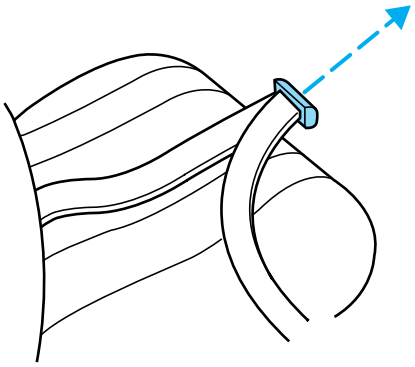
Lap belts

Adjusting the center lap belt

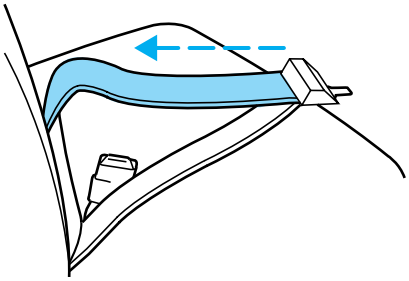
The lap belt does not adjust automatically.

The lap belt should fit snugly and as low as possible around the hips, not across the waist.

Insert the tongue into the correct buckle (the buckle closest to the direction the tongue is coming from). To lengthen the belt, turn the tongue at a right angle to the belt and pull across your lap until it reaches the buckle. To tighten the belt, pull the loose end of the belt through the tongue until it fits snugly across the hips.



Shorten and fasten the belt when not in use.



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 until safety belt is buckled.
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.

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

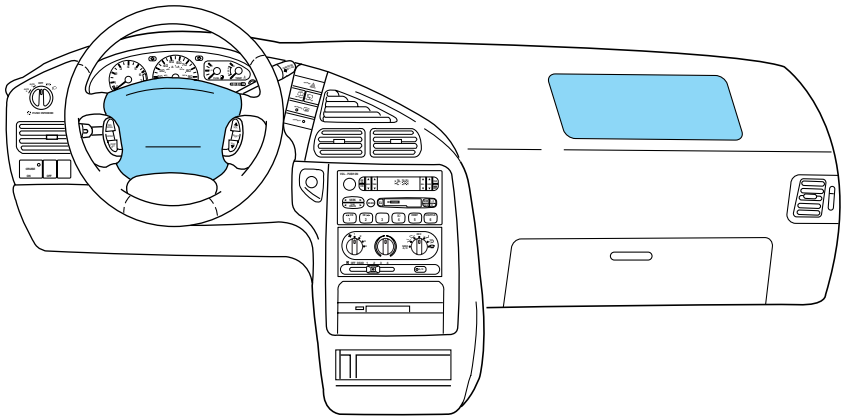
Inspect the safety belt systems periodically to make sure they work properly and are not damaged. Inspect the safety belts to make sure there are no nicks, tears or cuts, replacing if necessary. All safety belt assemblies, including retractors, buckles, front seat belt buckle assemblies, buckle support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

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. The front seat safety belt assemblies must be replaced if the pretensioners have been activated.

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)

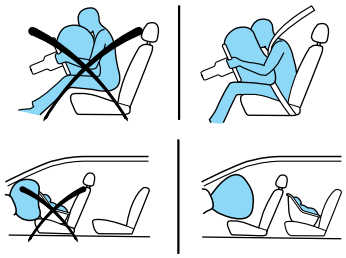


Your vehicle is equipped with a crash sensing and diagnostic module which records information about the air bag and sensor systems. In the event of a collision this module may save information related to the collision including information about the air bag system and impact severity. This information 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.

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.

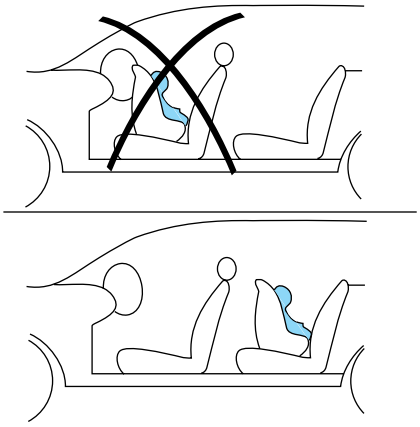
Do not attempt to service, repair, or modify the air bag supplemental restraint systems or its fuses. See your Ford or Lincoln Mercury dealer.

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

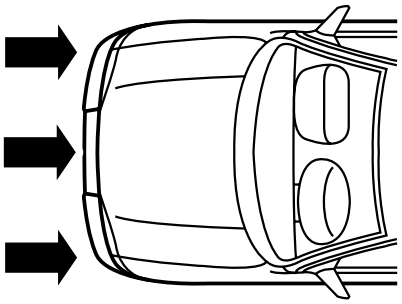
For additional important safety information, read all information on safety restraints in this guide.

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.

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.

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.

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.

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 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.

Determining if the system is operational

The SRS uses a readiness light in the instrument cluster 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.

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.

AIR
BAG

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.

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.

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

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.

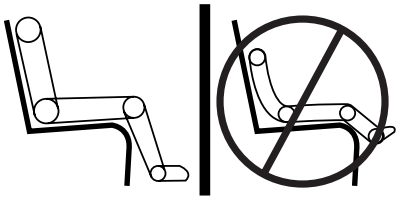
Booster seats position a child so that safety belts fit better. They lift the child up so that the lap belt rests low across the hips and the knees bend comfortably. Booster seats also make the shoulder belt fit better and more comfortably for growing children.

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.

- 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.

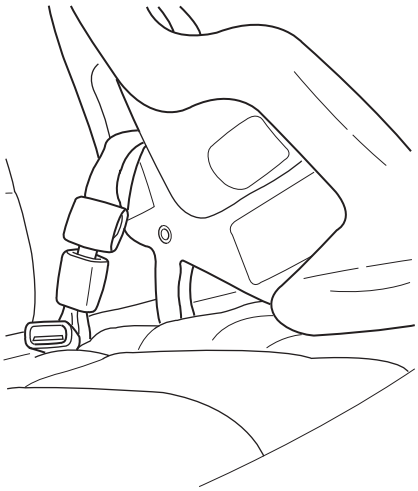
Never use pillows, books, or towels to boost a child. They can slide around and increase the likelihood of injury or death in a collision.

SAFETY SEATS FOR CHILDREN

Child and infant or child safety seats

Use a safety seat that is recommended for the size and weight of the child. 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* (passenger side front and outboard rear seating positions).

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*.

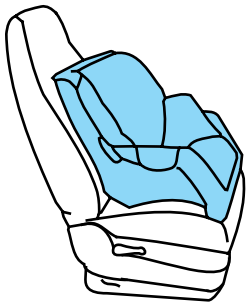
Carefully follow all of the manufacturer's instructions included with the safety seat you put in your vehicle. If you do not install and use the safety seat properly, the child may be injured in a sudden stop or collision.

To properly use child safety tethers in the 3rd row seat position, remove the parcel shelf and tether child safety seat to the tether anchor located on the bottom back side of the 3rd row seat.

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

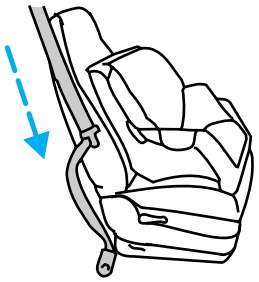
Air bags can kill or injure a child in a child seat. **NEVER** place a rear-facing child seat in front of an active air bag. If you must use a forward-facing child seat in the front seat, move the seat all the way back.

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

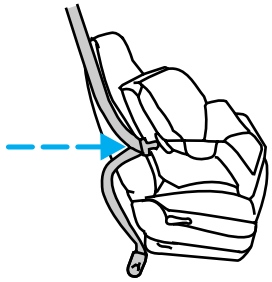


Children 12 and under should be properly restrained in the rear seat whenever possible.

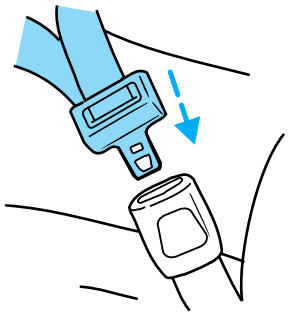
2. Pull down on the shoulder belt and then grasp the shoulder belt and lap belt together.



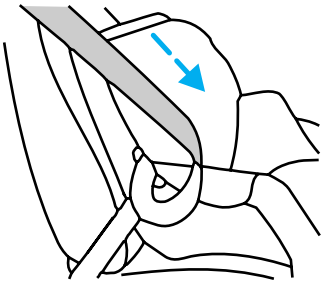
3. While holding the shoulder and lap belt portions together, route the tongue through the child seat according to the child seat manufacturer's instructions. Be sure the belt webbing is not twisted.



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.

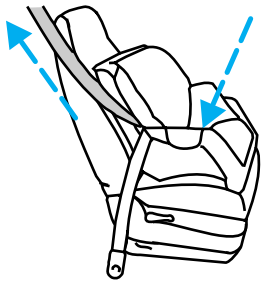


5. To put the retractor in the automatic locking mode, grasp the shoulder portion of the belt and pull downward until all of the belt is pulled out and a click is heard.



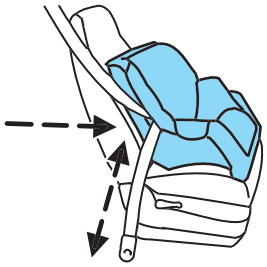
6. Allow the belt to retract. The belt will click as it retracts to indicate it is in the automatic locking mode.

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.

Installing child safety seats in the lap belt seating positions

1. Lengthen the lap belt. To lengthen the belt, hold the tongue so that its bottom is perpendicular to the direction of webbing while sliding the tongue up the webbing.

2. Place the child safety seat in the center seating position.

3. Route the tongue and webbing through the child seat according to the child seat manufacturer's instructions.

4. Insert the belt tongue into the proper buckle for the center seating position until you hear a snap and feel it latch. Make sure the tongue is securely fastened to the buckle by pulling on tongue.

5. Push down on the child seat while pulling on the loose end of the lap belt webbing to tighten the belt.

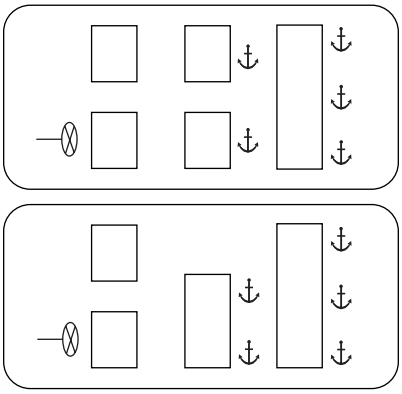
6. Before placing the child into the child seat, forcibly tilt the child seat from side to side and in forward direction to make sure that the seat is securely held in place. To check this, grab the seat at the belt path and attempt to move it side to side and forward and back. There should be no more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

Attaching safety seats with tether straps

Children should be placed in the rear in an appropriate child safety seat that is properly secured to the vehicle.

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.

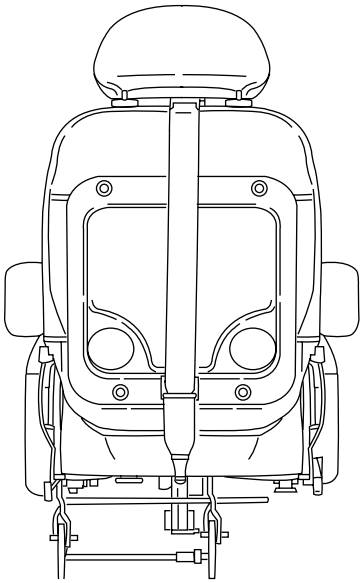
Tether strap anchors have been provided in your vehicle. The left side of the figure is the front of the vehicle.



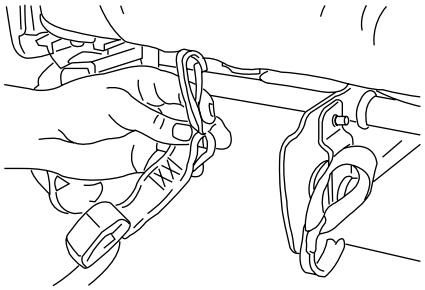
Second row seats

1. Position the child safety seat on the seat cushion.

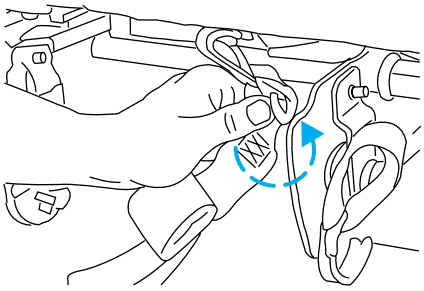
2. Route the child safety seat tether strap over the back of the seat, under the head restraint, and between the head restraint posts. If the top of the child seat hits the head restraint, try raising the head restraint to allow the child seat to fit further rearward.



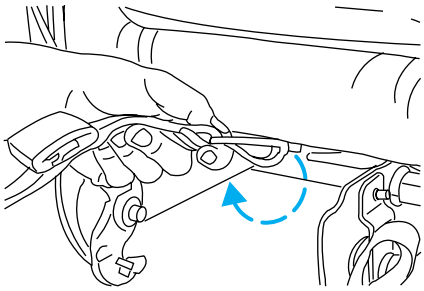
3. Grasp the tether strap and position it to the seat frame.



4. Rotate the tether strap.



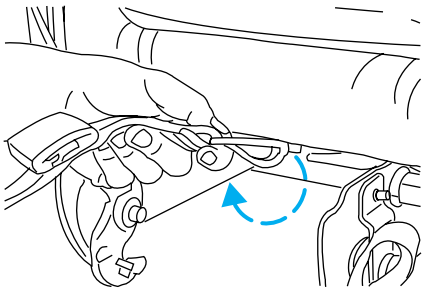
5. Clip the tether strap to the seat tether slot bracket at the lower rear portion of the seatback.



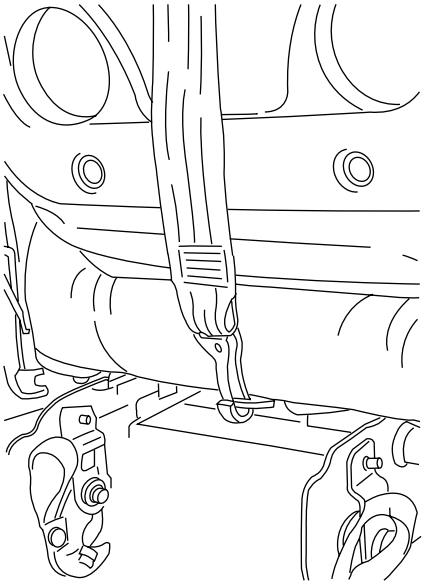
If the tether strap is clipped incorrectly (as shown) the child safety seat may not be retained properly in the event of a collision.

6. Rotate the tether strap clip.

7. Refer to the instructions in this section under *Installing child safety seats in combination lap and shoulder belt seating positions* to secure the child safety seat.



8. Tighten the child safety seat tether strap according to the manufacturer's instructions.



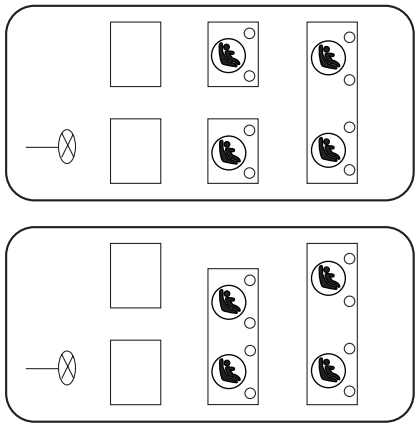
Third row seats

The third row seat child tether anchors are located on the bottom back side of the seat. Refer to *Second row seats* listed previously for installation instructions.

Attaching safety seats with LATCH (Lower Anchors and Tethers for CHildren) attachments for child seat anchors

Some child safety seats have two rigid or webbing mounted attachments that connect to two anchors at certain seating positions in your vehicle. This type of child seat eliminates the need to use seat belts to attach the child seat. For forward-facing child seats, the tether strap must also be attached to the proper tether anchor. See *Attaching safety seats with tether straps* in this chapter.

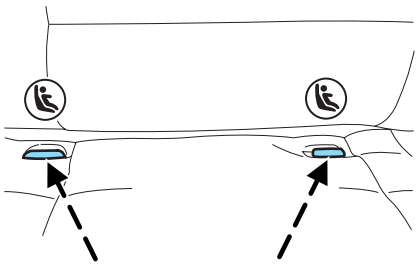
Your vehicle has LATCH anchors for child seat installation at the seating positions marked with the child seat symbol:



The anchors on both sides of the center of seat are provided only for child seats at the outboard seats, and are further apart than the pairs of lower anchors for child seat installation at other seats. A child seat with rigid LATCH attachments cannot be installed at the center seat. A child seat with LATCH attachments on belt webbing can be used at the center 3rd row seat unless a child seat at an outboard rear seat is attached to one of these lower anchors. Install a child seat onto the lower anchors at the center rear seat ONLY IF the child restraint manufacturer recommends that the child seat can be installed to anchors that are spaced up to 400 mm (15 in) apart.

Never attach two LATCH child safety seats to the same anchor. In a crash, one anchor may not be strong enough to hold two child safety seat attachments and may break, causing serious injury or death.

The lower anchors for child seat installation are located at the rear section of the rear seat between the cushion and seat back. The LATCH anchors are below the locator symbols on the seat back.



Follow the child seat manufacturer's instructions to properly install a child seat with LATCH attachments.

Attach LATCH lower attachments of the child seat only to the anchors shown.

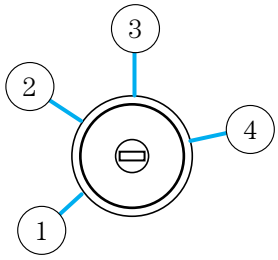
If you install a child seat with rigid LATCH attachments, do not tighten the tether strap enough to lift the child seat off the vehicle seat cushion when the child is seated in it. Keep the tether strap just snug without lifting the front of the child seat. Keeping the child seat just touching the vehicle seat gives the best protection in a severe crash.

Each time you use the safety seat, check that the seat is properly attached to the lower anchors and tether anchor. Try to tilt the child seat from side to side. Also try to tug the seat forward. Check to see if the anchors hold the seat in place.

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

STARTING

Positions of the ignition



1. OFF/LOCK, shuts off the engine and all accessories/locks the steering wheel, gearshift lever and allows key removal.

2. ACC, 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.

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

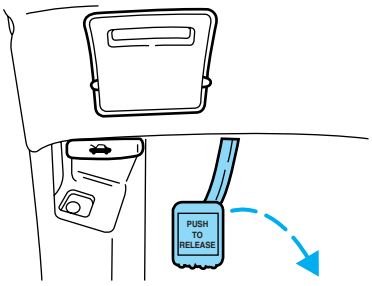
A computer system controls the engine's idle revolutions per minute (RPM). When the engine starts, the idle RPM runs higher than normal in order to warm the engine. If the engine idle speed does not slow down automatically, have the vehicle checked. Do not allow the vehicle to idle for more than 10 minutes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

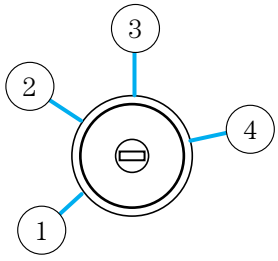
2. Make sure the headlamps and vehicle accessories are off.

3. Make sure the parking brake is set.



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

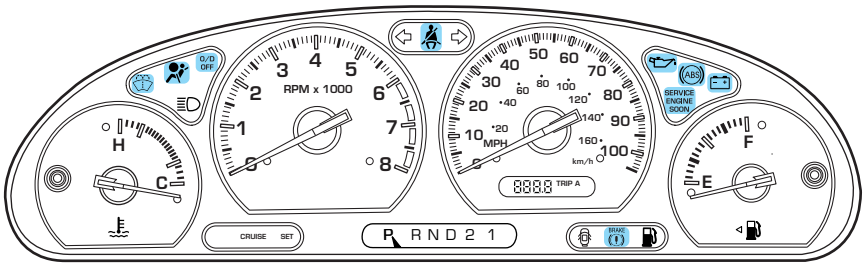
5. Turn the key to 3 (ON) without turning the key to 4 (START).

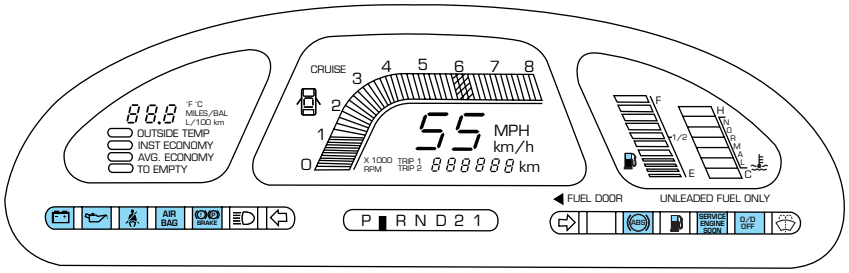


If there is difficulty in turning the key, firmly rotate the steering wheel left and right until the key turns freely. This condition may occur when:

- front wheels are turned
- front wheel is against the curb

- steering wheel is turned when getting in or out of the vehicle



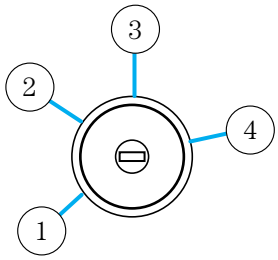


Make sure the corresponding lights illuminate or illuminate briefly. If a light fails to illuminate, have the vehicle serviced.

- 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.

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 to bring in fresh air.

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

BRAKES

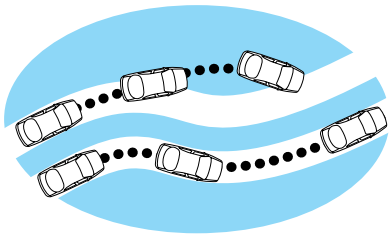
Your service brakes are self-adjusting. Refer to the scheduled maintenance guide for scheduled maintenance.

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, 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.

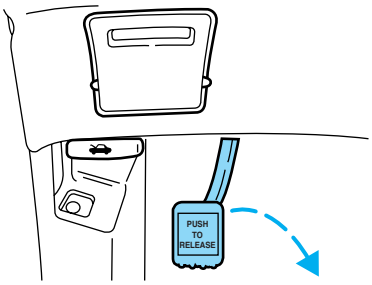
With the ABS light on, the anti-lock brake system is disabled and normal braking is still effective unless the brake warning light also remains illuminated with parking brake released. (If your brake warning lamp illuminates, have your vehicle serviced immediately.)

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 (P)

Apply the parking brake whenever the vehicle is parked. To set the parking brake, press the parking brake pedal down until the pedal stops.

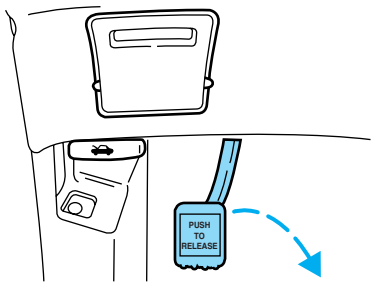


The BRAKE warning lamp in the instrument cluster illuminates and remains illuminated (when the ignition is turned ON) until the parking brake is released.

Always set the parking brake fully and make sure that the gearshift is securely latched in P (Park).

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.

Push the pedal downward again to release the parking brake. Driving with the parking brake on will cause the brakes to wear out quickly and reduce fuel economy.



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 TRANSAXLE OPERATION

Brake-shift interlock

This vehicle is equipped with a brake-shift interlock feature that prevents the gearshift lever from being moved from P (Park) when the ignition is in the ON position unless brake pedal is depressed.

If you cannot move the gearshift lever out of P (Park) with ignition in the ON position and the brake pedal depressed:

1. Apply the parking brake, turn ignition key to OFF/LOCK, then remove the key.

2. Insert the key and turn it to ACC. Apply the brake pedal and shift to N (Neutral).

3. Start the vehicle.

Do not drive your vehicle until you verify that the brakelamps are working.

If your vehicle gets stuck in mud or snow it may be rocked out by shifting from forward and reverse gears, stopping between shifts, in a steady pattern. Press lightly on the accelerator in each gear.

Do not rock the vehicle if the engine is not at normal operating temperature or damage to the transmission may occur.

Do not rock the vehicle for more than a few minutes or damage to the transmission and tires may occur or the engine may overheat.

Always set the parking brake fully and make sure the gearshift is latched in P (Park). Turn the ignition to the LOCK position and remove the key whenever you leave your vehicle.

If the parking brake is fully released, but the brake warning lamp remains illuminated, the brakes may not be working properly. See your dealer or a qualified service technician.

Understanding gearshift positions

Your automatic transaxle electronically controls the shift feel by using an adaptive learning strategy. This feature is designed to optimize shift smoothness. It is normal for your transaxle to shift firmly during the first few hundred kilometers (miles) of operation until the adaptive strategy has been learned. The adaptive learning strategy is maintained by power from the battery. When the battery is disconnected or a new battery is installed, the transaxle must relearn its adaptive strategy. Optimal shifting will resume within a few hundred kilometers (miles) of operation.

P (Park)

Always come to a complete stop before shifting into P (Park). Make sure 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 is latched in P (Park). Turn the ignition to the LOCK position and remove the key 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 into and out of R (Reverse).

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.

Overdrive — column mounted gearshift with O/D off switch

The Overdrive position with the O/D OFF switch **not** depressed is the normal driving position for this automatic overdrive transaxle. When your vehicle cruises at a constant speed for any length of time, this fourth gear will increase your fuel economy.

Overdrive may not be appropriate for certain terrains. If the transaxle shifts back and forth between third and fourth gears while you are driving hilly roads or if your vehicle requires additional power for climbing hills, press the O/D OFF switch.

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

If your vehicle is on an extremely slippery surface, the Transaxle Control Module may receive a signal indicating a rapid increase or decrease in wheel speed. When the module detects this condition, it will limit the transaxle operation to Third and Reverse gears. This reduces tire slippage and protects the transaxle. The transaxle will operate normally in Reverse, but will lack power during acceleration in Drive.

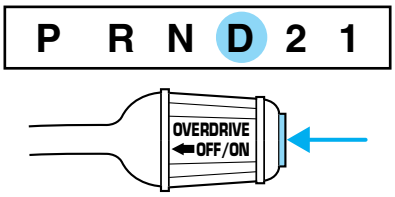
If this happens;

1. Stop your vehicle as soon as possible.
2. Turn the ignition off for three seconds.
3. Restart the vehicle.

If the condition still exists, contact your dealer as soon as possible.

If the O/D OFF indicator light is flashing on and off repeatedly when the vehicle is started or does not come on when the O/D OFF control is pressed, there may be a transaxle electronic system malfunction. You should contact your dealer as soon as possible or damage to the transaxle could occur.

When to use D (Drive) or press the O/D OFF switch



You will notice that there is only one drive position on your gearshift indicator (instead of Drive and Overdrive). However, you will find a control labeled OVERDRIVE located on the gearshift lever. Push in the switch and the O/D OFF light in the instrument cluster will illuminate. With the O/D OFF light illuminated, the transaxle will operate in first, second and third gears and will not shift into fourth gear. Operating in D (O/D OFF) provides more engine braking than Overdrive for descending hills or city driving.

To return the transaxle to the normal Overdrive operation, press the O/D OFF control again. Use this control to select between Overdrive or D (O/D OFF) whenever you drive your vehicle.

If the O/D OFF indicator light is flashing on and off repeatedly when the vehicle is started or does not come on when the O/D OFF control is pressed, theremay be a transaxle electronic system malfunction. You should contact your dealer as soon as possible or damage to the transaxle could occur.

2 (Second)

Use 2 (Second) to give you more engine braking to slow your vehicle on downgrades.

Do not go faster than 108 km/h (68 mph) when in this gear. You can upshift from 2 (Second) to overdrive at any time.

1 (First)

Use 1 (First) for when added engine braking is desired when descending steep hills.

The automatic transaxle will shift to the proper gear to ascend any grade without any need to shift to 1 (First).

Do not go faster than 56 km/h (35 mph) when in this gear. You can upshift from 1 (First) to overdrive at any time.

When parking, do not use the gearshift in place of the parking brake. Always set the parking brake fully and make sure that the gearshift is securely latched in Park (P). Turn off the ignition whenever you leave your vehicle. Never leave your vehicle unattended while it is running. If you do not take these precautions, your vehicle may move unexpectedly and injure someone.

Driving with an automatic overdrive transaxle

Your automatic transaxle electronically controls the shift feel by using an adaptive learning strategy. This feature is designed to optimize shift smoothness.

Note: It is normal for your transaxle to shift firmly during the first few hundred kilometers (miles) of operation until the adaptive strategy has been learned. The adaptive learning strategy is maintained by power from the battery. When the battery is disconnected or a new battery is installed, the transaxle must relearn its adaptive strategy. Optimal shifting will resume within a few hundred kilometers (miles) of operation.

Your automatic overdrive transaxle provides fully automatic operation in either D (Overdrive) or with the O/D OFF switch depressed. Driving with the gearshift lever in D (Overdrive) gives the best fuel economy for normal driving conditions.

For manual control, start in 1 (First) and then shift manually.

To put your vehicle in gear, start the engine, depress the brake pedal, then move gearshift lever out of P (Park).

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.

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 transaxle is submerged may allow water into the transaxle and cause internal damage. Have the fluid checked and, if water is found, replace the fluid.

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.
- **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.

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 Certification Label, found on the inside pillar of the driver's door, 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).

You may add equipment throughout your vehicle if the total weight added is equal to or less than the total axle reserve capacity (TARC) weight. You should NEVER exceed the total axle reserve capacity.

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.

Calculating the load your vehicle can carry/tow

1. Use the appropriate maximum gross combined weight rating (GCWR) chart to find the maximum GCWR for your vehicle type and whether it's equipped with a trailer tow option.

2. Weigh your vehicle as you customarily operate the vehicle without cargo. To obtain correct weights, try taking your vehicle to a shipping company or an inspection station for trucks.

3. Subtract your loaded vehicle weight from the maximum GCWR on the following charts. This is the maximum trailer weight your vehicle can tow and must fall below the maximum shown under maximum trailer weight on the chart.

TRAILER TOWING

The trailer towing table shows the maximum allowable maximum GCWR and trailer weight.

Maximum GCWR - kg (lbs.)	Trailer weight range (0 - maximum) - kg (lbs.)
3628 (8000)	0-1588 (0-3500)

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

Towing trailers beyond the maximum recommended gross trailer weight could result in engine damage, transmission/axle damage, structural damage, loss of control, and personal injury.

The optional Trailer Tow Prep Package is recommended for towing of any trailer since it provides a heavy duty battery, conventional size spare tire and wiring.

Trailer towing puts additional loads on your vehicle's engine, transmission, axle, brakes, tires, and suspension. For your safety and to maximize vehicle performance, be sure to use the proper equipment while towing.

Follow these guidelines to ensure safe towing procedure:

- Stay within your vehicle's load limits. If exceeded, cargo should be removed from the trailer and/or the vehicle until all weights are within specified limits.
- Thoroughly prepare your vehicle for towing. Refer to *Preparing to tow* in this chapter.
- Use extra caution when driving while trailer towing. Refer to *Driving while you tow* in this chapter.
- Service your vehicle more frequently if you tow a trailer. Refer to the severe duty schedule in the scheduled maintenance guide.
- Do not tow a trailer until your vehicle has been driven at least 800 km (500 miles).
- Refer to the instructions included with towing accessories for the proper installation and adjustment specifications.

Trailer Tow Prep Package (if equipped)

The trailer tow prep package on your vehicle (if equipped) includes:

- Heavy duty battery
- Conventional size spare tire
- Trailer tow module and jumper harness

Using the jumper harness (if equipped)

- Remove the connector cap from the vehicle harness located behind the rear bumper. Store the connector cap in the glove box for reinstallation.
- Connect the tow harness to the vehicle harness located behind the rear bumper.
- Connect the tow harness connector (SAE J1239) to your trailer.
- Confirm the proper vehicle and trailer stop/turn lamp operation.

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

For towing trailers up to 907 kg (2 000 lb), use a weight carrying hitch and ball which uniformly distributes the trailer tongue load through the underbody structure. For towing trailers up to 1 588 kg (3 500 lb) use a frame-mounted weight distributing hitch which transfers a portion of the trailer tongue load to the front axle system.

Do not install a single or multi-clamp type bumper hitch, or a hitch which attaches to the axle. Follow the towing instructions of a reputable rental agency.

Whenever a trailer hitch and hardware are removed, make sure all mounting holes in the underbody are properly sealed to prevent noxious gases or water from entering.

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.

Driving while you tow

When towing a trailer:

- Ensure that you turn off your 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.

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).

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.

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

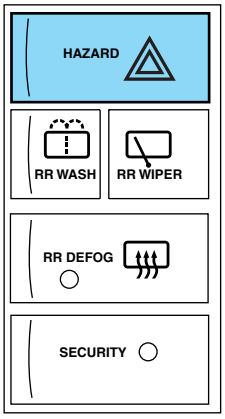
In the United States, you may purchase additional roadside assistance coverage beyond this period through the Ford Auto Club by contacting your Ford or Lincoln Mercury dealer.

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 FLASHER

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 the instrument panel.
- Depress hazard lights control to activate all hazard flashers simultaneously.
- Depress control again to turn the flashers off.



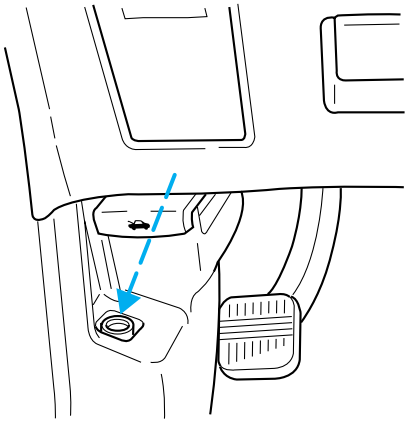
FUEL PUMP SHUT-OFF SWITCH

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.

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



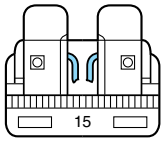
Use the following procedure to reset the fuel pump shut-off switch.

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.

Standard fuse amperage rating and color

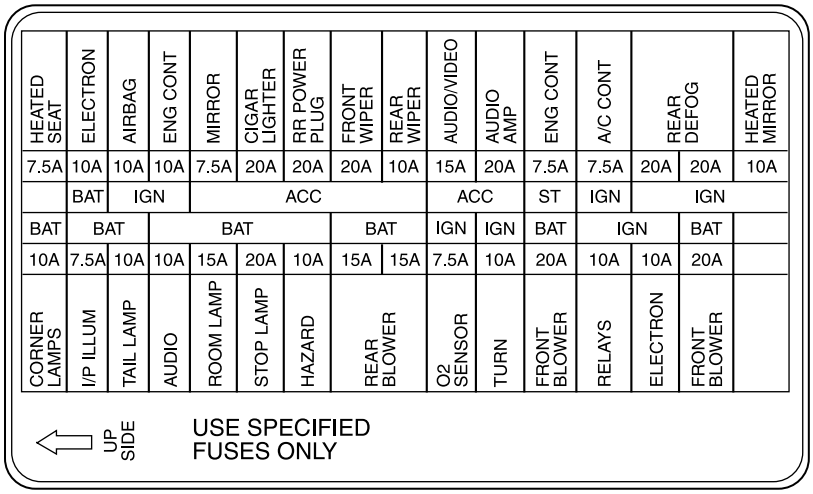
COLOR					
Fuse Rating	**Mini Fuses**	**Standard Fuses**	**Maxi fuses**	**Cartridge maxi fuses**	**Fuse link cartridge**
2A	Grey	Grey	—	—	—
3A	Violet	Violet	—	—	—
4A	Pink	Pink	—	—	—
5A	Tan	Tan	—	—	—
7.5A	Brown	Brown	—	—	—
10A	Red	Red	—	—	—
15A	Blue	Blue	—	—	—
20A	Yellow	Yellow	Yellow	Blue	Blue
25A	Natural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

For fuses greater than 80A, please see your Ford or Lincoln Mercury Dealer.

Passenger compartment fuse panel

The fuse panel is located below and to the left of the steering wheel by the brake pedal. Remove the panel cover to access the fuses.

To remove a fuse use the fuse puller tool provided on the fuse panel cover.



The fuses are coded as follows.

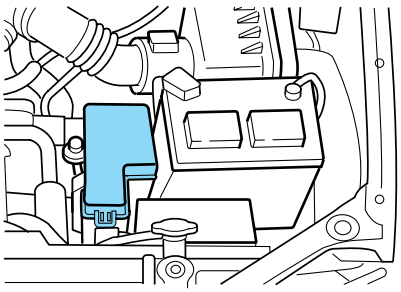
Fuse/Relay Location	Fuse Amp Rating	Passenger Compartment Fuse Panel Description
Corner Lamps	10A	Front Exterior Lamps
Heated Seat	7.5A	Heated Seats (not available)
I/P Illum	7.5A	Interior Panel Illumination Lamps
Electron	10A	Transaxle Control Module (TCM), Electronic Automatic Temperature Control (EATC) Module, Instrument Cluster, Rear Wiper Motor Assembly
Tail Lamp	10A	Rear Exterior Lamps
Air Bag	10A	Airbag Diagnostic Monitor
Audio	10A	Radio, Rear Radio Control, CD Changer

Fuse/Relay Location	Fuse Amp Rating	Passenger Compartment Fuse Panel Description
Eng Cont	10A	Powertrain Control Module, Oxygen Sensors
Room Lamp	15A	Interior Lamps
Mirror	7.5A	Smart Entry Control (SEC), Power Mirror Switch
Stop Lamp	20A	Brake Pedal Position (BPP) Switch, Trailer Tow Control Unit
Cigar Lighter	20A	Cigar Lighter
Hazard	10A	Hazard Warning Flasher Switch, Anti-Theft Indicator
RR Pwr Plug	20A	Rear Powerpoint
Rear Blower	15A	Rear Blower Motor Relay, Rear Blower Motor
Front Wiper	20A	Front Wiper/Washer Assembly
Rear Blower	15A	Rear Blower Motor Relay, Rear Blower Motor
Rear Wiper	10A	Rear Wiper/Washer Assembly
O2 Sensor	7.5A	Oxygen Sensor
Audio/Video	15A	Radio/Video System
Turn	10A	Hazard Warning Flasher Switch
Audio Amp	20A	Subwoofer Amplifier
Front Blower	20A	Front Blower Motor, Front Blower Motor/Speed Controller
Eng Cont	7.5A	Powertrain Control Module, Lighting Control Module
Relays	10A	Speed Control, Instrument Cluster, Rear Blower Motor, Data Link Connector #2, Cooling Fans
A/C Cont	7.5A	Electronic Automatic Temperature Control (EATC) Module, A/C Relay, Front Climate Control Panel

Fuse/Relay Location	Fuse Amp Rating	Passenger Compartment Fuse Panel Description
Electron	10A	Transmission Control, Lighting Control Module, ABS Control Module, Smart Entry Control (SEC)/Timer Module
Rear Defog	20A	Rear Window Defrost
Front Blower	20A	Front Blower Motor, Front Blower Motor/Speed Controller
Rear Defog	20A	Rear Window Defrost
—	—	Not Used
Heated Mirror	10A	Rear Window Defrost Switch, Power/Heated Mirrors

Power distribution box

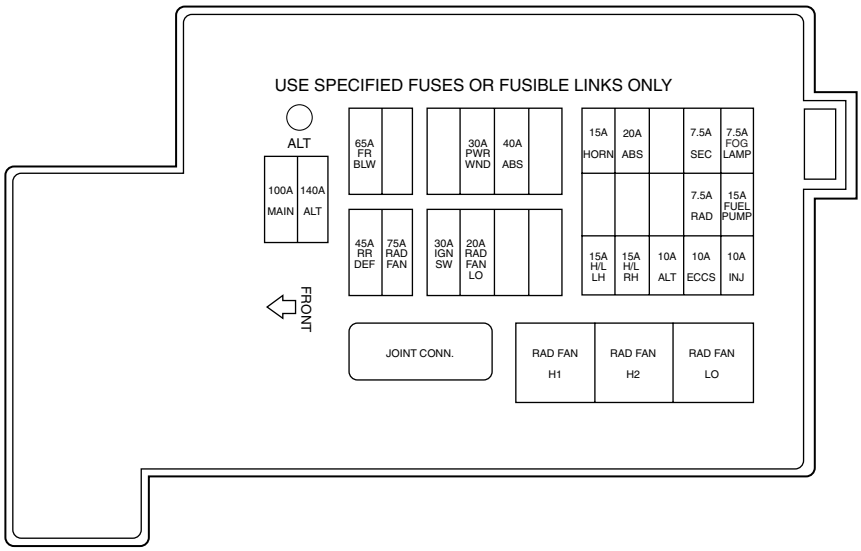
The power distribution box is located in the engine compartment. The power distribution box contains high-current fuses that protect your vehicle's main electrical systems from overloads.



Always disconnect the battery before servicing high current fuses.

To reduce risk of electrical shock, 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.



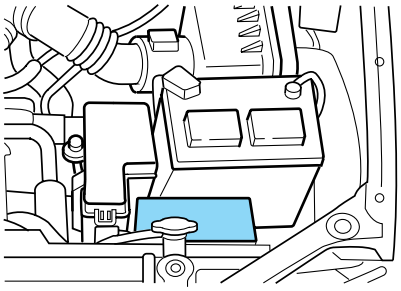
The high-current fuses are coded as follows.

Fuse/Relay Location	Fuse Amp Rating	Power Distribution Box Description
Fog Lamp	7.5A*	Fog Lamps
FUEL PUMP	15A*	Fuel Pump Relay
INJ	10A*	Powertrain Control Module (PCM), Injectors
SEC	7.5A*	Anti-Theft Relay, Smart Entry Control (SEC)/Timer Module
RAD	7.5A*	Radiator Fan Sensing
ECCS	10A*	Data Link Connector (DLC) #1, PCM Power Relay
—	—	Not Used
—	—	Not Used
ALT	10A*	Generator
ABS	20A*	ABS Control Module

Fuse/Relay Location	Fuse Amp Rating	Power Distribution Box Description
—	—	Not Used
H/L RH	15A*	Lighting Control Module
HORN	15A*	Horn Relay
—	—	Not Used
H/L LH	15A*	Lighting Control Module
—	—	Not Used
—	—	Not Used
ABS	40A**	ABS Control Module
—	—	Not Used
PWR WND	30A**	Power Window Relay, Smart Entry Control (SEC)/Timer Module, Power Seats
RAD FAN LO	20A**	Low Speed Fan Control Relay
—	—	Not Used
IGN SW	30A**	Ignition Switch
—	—	Not Used
RAD FAN	75A**	High Speed Fan Control Relay
FR BLW	65A**	Front Blower Motor Relays
RR DEF	45A**	Rear Window Defroster Relay
ALT	140A**	Accessory Relay, Ignition Relay, Tail Lamp Relay, Fuse Junction Panel
MAIN	100A**	Generator
* Mini Fuses ** Maxi Fuses		

Relay box

The relay box is located in the engine compartment in front of the battery.



1	2	3	4		
			5	6	7

The relays are coded as follows:

Relay location	Description
1	Start Inhibit Relay
2	Fuel Pump Relay
3	Bulb Check Relay
4	Fog Lamp
5	Anti-theft Relay
6	Horn Relay
7	A/C Relay

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

Your vehicle may have a temporary or conventional size spare tire. 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. Replace this tire with a full-size tire as soon as possible.

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:**

- exceed 80 km/h (50 mph) under any circumstances
- load the vehicle beyond maximum vehicle load rating listed on the Certification Label
- tow a trailer
- use tire chains
- drive through an automatic car wash, because of the vehicle's reduced ground clearance
- try to repair the temporary spare tire or remove it from its wheel
- use the wheel for any other type of vehicle

Location of the spare tire and tools

The spare tire and tools for your vehicle are stowed in the following locations:

Item	Location
Spare tire	Under the vehicle, just forward of the rear bumper
Jack assembly	Under the third row bench seat in the tool bag

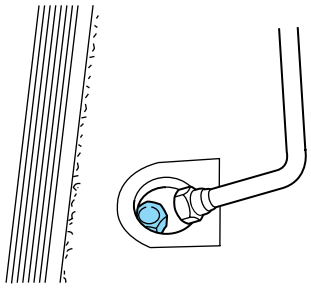
Removing the jack and tools

1. Lift the 3rd row seat cushion.
2. Remove the jack assembly from the bag under the seat.

Removing the spare tire

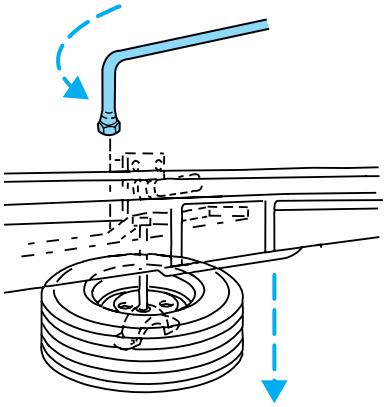
1. Open the liftgate, locate the U-shaped slits in the carpet, and flip up the piece of carpet to expose the hex nut.

2. Insert the lug nut wrench on the hex nut in cargo floor.



3. Turn the wrench counterclockwise until tire is lowered to the ground and the cable is slightly slack.

4. Remove the retainer from the spare tire. It may be necessary to lift one end of the tire to disengage the retainer.



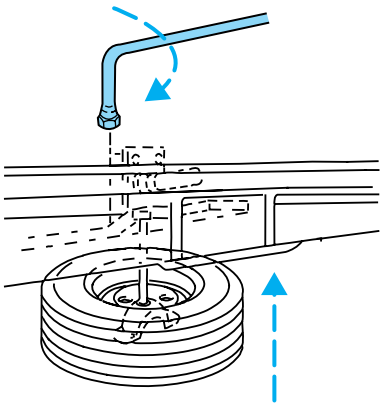
Stowing the spare tire

1. Lay the tire on the ground with the interior side facing up.

2. Install the retainer through the wheel center and slide the wheel under the vehicle.

3. Turn the wrench clockwise until the tire is raised to its original position underneath the vehicle. The hex nut ratchets when the tire is raised to the stowed position. It will not allow you to overtighten.

4. Check seating position of tire for looseness against the underbody supports and retighten if necessary.



Ensure the position of the tire is not too far forward to avoid contact with the axle.

Tire change procedure

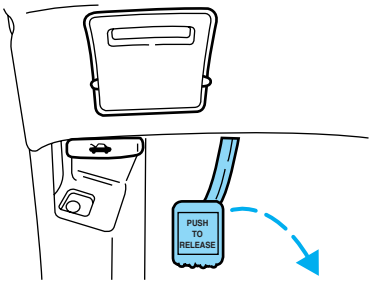
When one of the front wheels is off the ground, the transaxle alone will not prevent the vehicle from moving or slipping off the jack, even if the vehicle is in P (Park).

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.

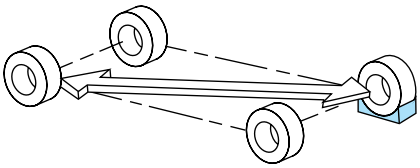
If the vehicle slips off the jack, you or someone else could be seriously injured.

All occupants should be out of the vehicle while it is on the jack.

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



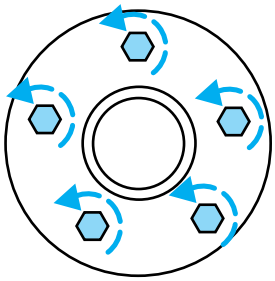
2. Place gearshift lever in P (Park), turn engine OFF, and block the diagonally opposite wheel.



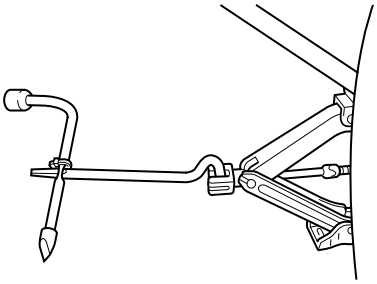
3. Remove the spare tire and jack assembly.

4. Remove the center ornament or wheel cover from the wheel with the tapered end of the jack handle that came with your vehicle. Insert and twist the handle, then pry against the wheel.

5. Loosen each wheel lug nut one-half turn counterclockwise but do not remove them until the wheel is raised off the ground.



Jacking notches are located approximately six inches rearward of the front wheels and twelve inches foward of the rear wheels.



6. Locate the jack notch closest to the tire you are changing, then place the jack on the frame rail directly behind the notch.

7. Turn the jack handle clockwise until the wheel is completely off the ground.

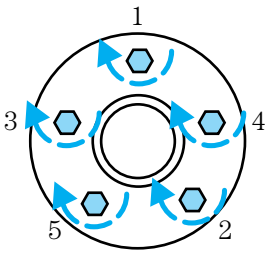
To lessen the risk of personal injury, do not put any part of your body under the vehicle while changing a tire. Do not start the engine when your vehicle is on the jack. The jack is only meant for changing the tire.

8. Remove the lug nuts with the lug wrench.

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

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

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



12. Install wheel cover or center ornament on wheel.

13. Put jack assembly away in the proper location.

Store flat tire under the vehicle. Refer to *Stowing the spare tire* in this chapter.

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.

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.**

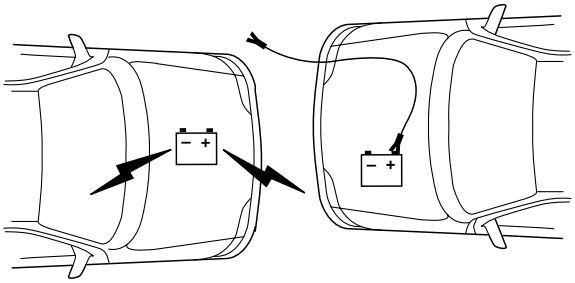
2. Do not disconnect the battery of the disabled vehicle as this could damage the vehicle's electrical system.

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.

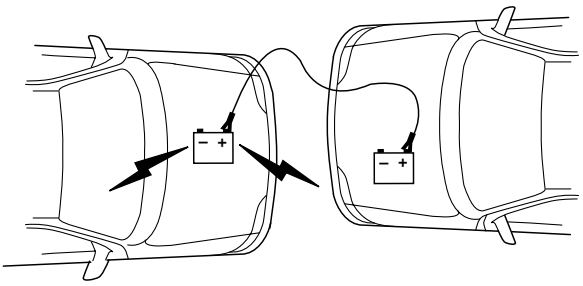
5. Turn the heater fan on in both vehicles to protect any electrical surges. Turn all other accessories off.

Connecting the jumper cables

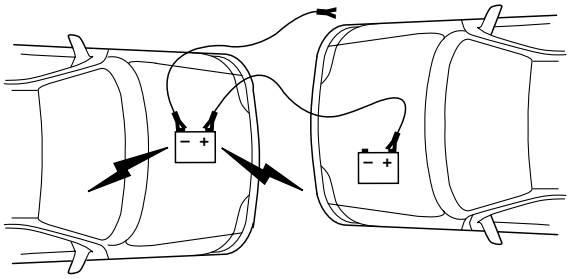


1. Connect the positive (+) booster cable to the positive (+) terminal of the discharged battery.

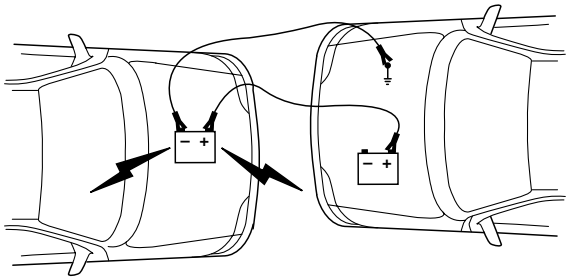
Note: In the illustrations, *lightning bolts* are used to designate the assisting (boosting) battery.



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.



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.

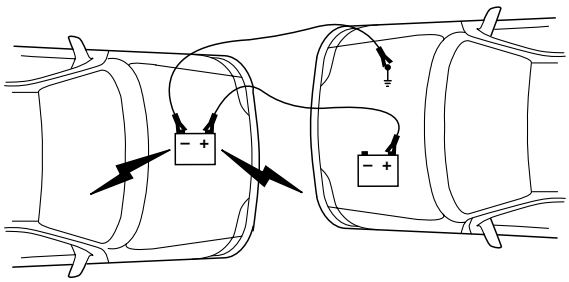
Jump starting

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.

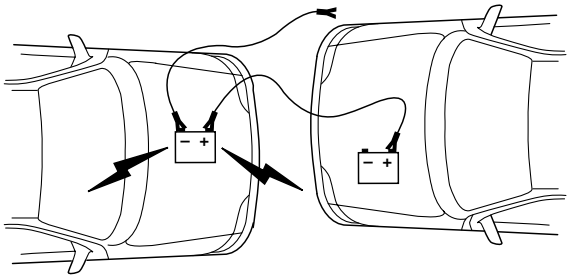
Removing the jumper cables



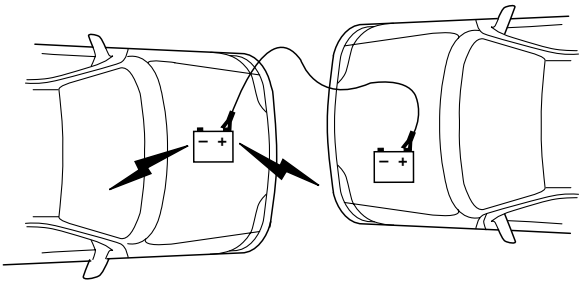
Remove the jumper cables in the reverse order that they were connected.

1. Remove the jumper cable from the *ground* metal surface.

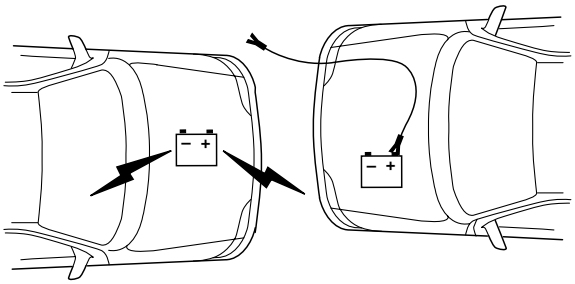
Note: In the illustrations, *lightning bolts* are used to designate the assisting (boosting) battery.



2. Remove the jumper cable on the negative (-) connection of the booster vehicle's battery.



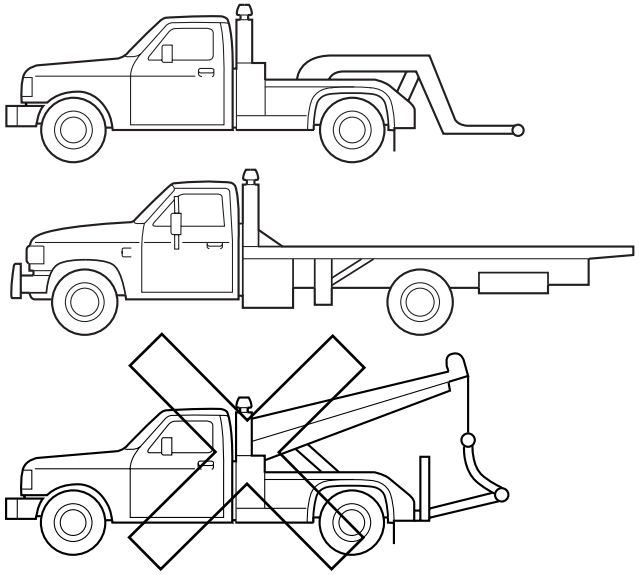
3. Remove the jumper cable from the positive (+) terminal of the booster vehicle's battery.



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.

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.

Customer Assistance

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 can not 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
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.

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.

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

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.

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).

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

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

Helm, incorporated can also be reached by their website: www.helminc.com.

Monday-Friday 8:00 a.m. - 6:00 p.m. EST

(Items in this catalog may be purchased by credit card holders only.)

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:

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.

Cleaning

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.

Cleaning

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

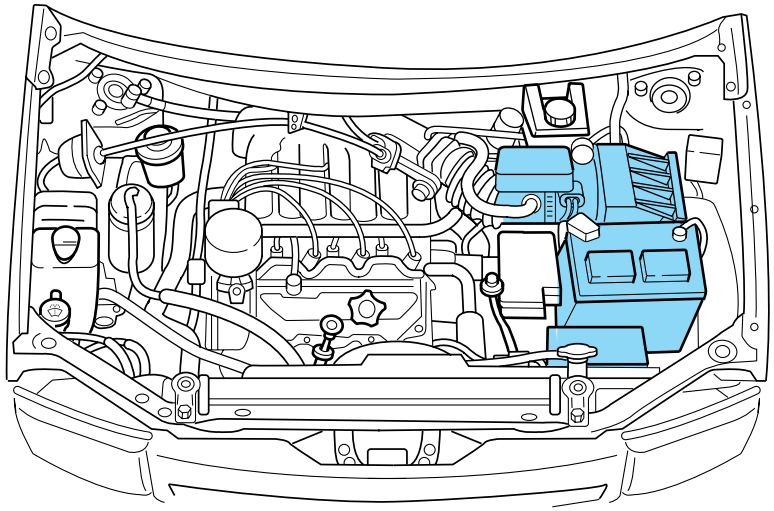
Aluminum wheel rims or covers are coated with a clearcoat paint finish. In order to maintain their shine:

- 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.
- 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.

- 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).

WOOD-TONE TRIM

- Clean the area with a damp cloth, then dry by wiping with a dry, soft, clean cloth.
- Do not use household or glass cleaners as these may damage the finish.

Cleaning

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

INTERIOR

For fabric, carpets, cloth seats and safety belts:

- 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 seatbelts, as these actions may weaken the belt webbing.

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.

UNDERBODY

Flush the complete underside of your vehicle frequently. Keep body and door drain holes free from packed dirt.

Cleaning

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 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

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, make sure that loose clothing, jewelry or long hair does not get caught up in 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 of this chapter.

Working with the engine off

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.

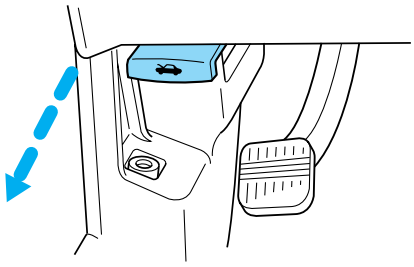
Working with the engine on

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.

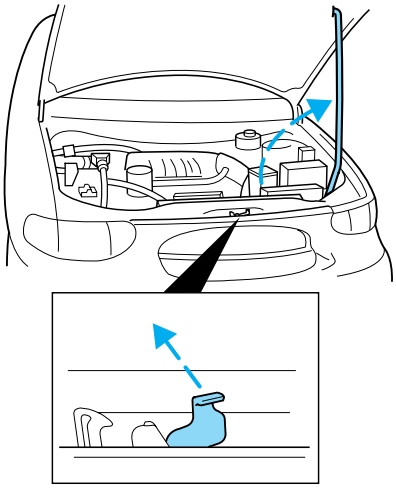
Note: Do not start your engine with the air cleaner removed and do not remove it while the engine is running.

OPENING THE HOOD

1. Inside the vehicle, pull the hood release handle located under the bottom left corner of the instrument panel.



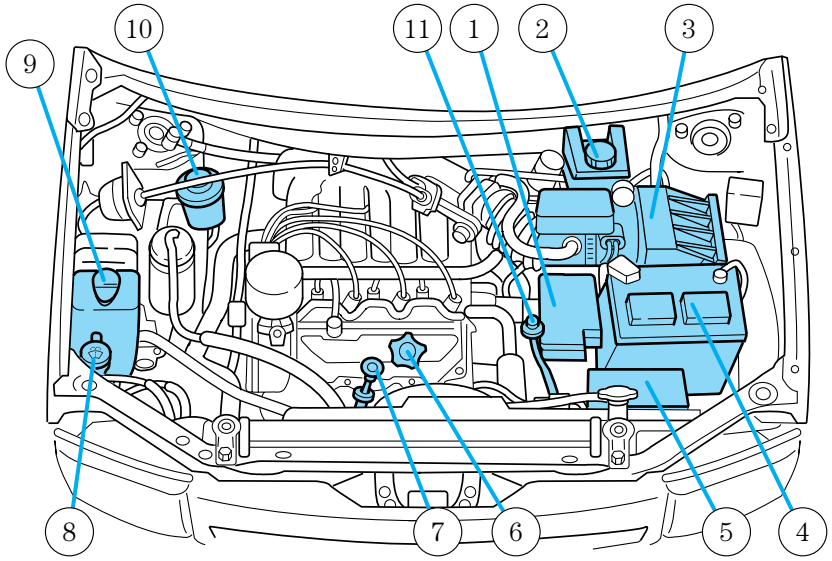
2. Go to the front of the vehicle and release the auxiliary latch that is located under the front center of the hood.



3. Lift the hood and secure it with the prop rod.

IDENTIFYING COMPONENTS IN THE ENGINE COMPARTMENT

3.3L V6 engine



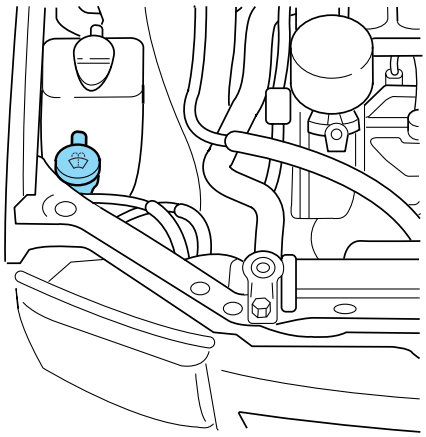
1. Power distribution box
2. Brake fluid reservoir
3. Air filter assembly
4. Battery
5. Relay box
6. Engine oil filler cap
7. Engine oil dipstick
8. Windshield washer fluid reservoir
9. Engine coolant reservoir
10. Power steering fluid reservoir
11. Automatic transmission fluid dipstick

WINDSHIELD WASHER FLUID

Windshield washer fluid

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.

Checking and adding washer fluid for the liftgate

Washer fluid for the liftgate is supplied by the same reservoir as the windshield.

ENGINE OIL

Checking the engine oil

Refer to the scheduled maintenance guide for the appropriate intervals for checking the engine oil.

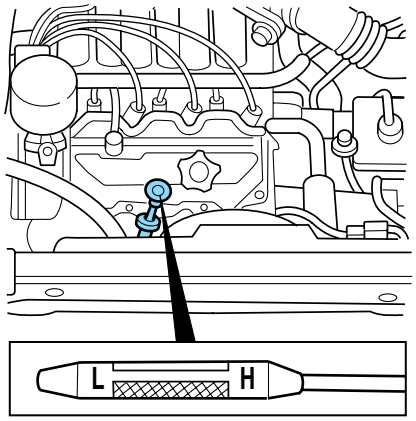
1. Make sure the vehicle is on level ground.

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.

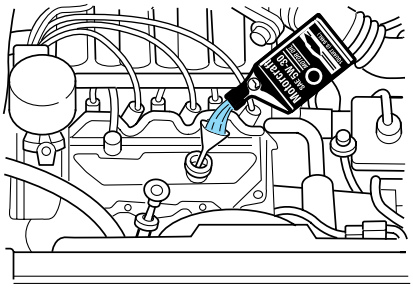
4. Open the hood. Protect yourself from engine heat.

5. Locate and carefully remove the engine oil indicator (dipstick).



6. Wipe the indicator clean. Insert the indicator fully, then remove it again.

- If the oil level is **between the L and H marks,** the oil level is acceptable. **DO NOT ADD OIL.**
- If the oil level is below the L mark, add enough oil to raise the level within the L and H range.



- Oil levels above the H 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.

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 H mark on the engine oil level indicator (dipstick).

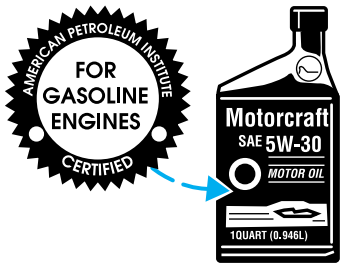
4. Install the indicator and ensure it is fully seated.

5. Fully install the engine oil filler cap by turning the filler cap clockwise until three clicks can be heard.

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-30 engine oil is recommended.

Use SAE 5W-30 motor oil certified for gasoline engines by the American Petroleum Institute (API).

Motor oil displaying the API certification trademark will meet all requirements for your vehicle's engine.

Ford oil specification is WSS-M2C205–A.

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.

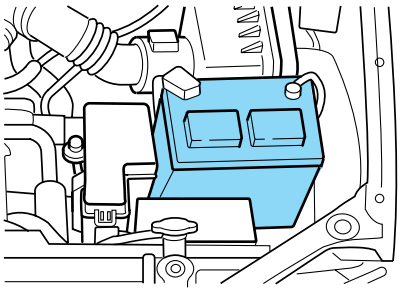
It is recommended that you replace the engine oil drain plug washer each time the engine oil is changed.

Ford production and aftermarket (Motorcraft) oil filters are designed for added engine protection and long life. If a replacement oil filter is used 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 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.

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.

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.

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.

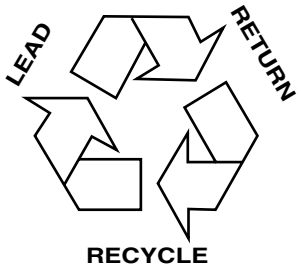
Keep batteries out of reach of children. Batteries contain sulfuric acid. Avoid contact with skin, eyes or clothing. Shield your eyes when working near the battery to protect against possible splashing of acid solution. In case of acid contact with skin or eyes, flush immediately with water for a minimum 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 compunds. **Wash hands after handling.**

Your automatic transaxle electronically controls the shift feel by using an adaptive learning strategy. During the first few hundred kilometers (miles) of operation, it is normal for your transaxle to have abrupt shifts. The adaptive learning strategy is maintained by power from the battery. When the battery is disconnected or a new battery is installed, the transaxle must relearn its adaptive strategy. Optimal shifting will resume within a few hundred kilometers (miles) of operation.

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

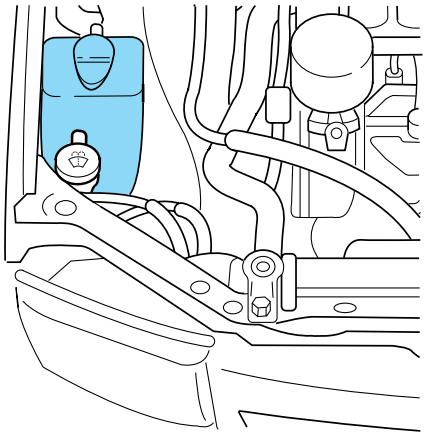
Checking engine coolant

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 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 gages to function properly.**

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

Use only Motorcraft Premium Engine Coolant VC-4–A (in Canada, Motorcraft CXC-8-B) or a premium engine coolant that meets Ford specification ESE-M97B44-A.

- **DO NOT USE Motorcraft Extended Life Engine Coolant VC-2 (or CXC-209 in Canada) (orange in color) meeting Ford specification WSS-M97B44–D.**
- **DO NOT USE a DEX-COOL® engine coolant or an equivalent engine coolant that meets Ford specification WSS-M97B44-D.**

- **DO NOT USE alcohol or methanol antifreeze or any engine coolants mixed with alcohol or methanol antifreeze.**
- **DO NOT USE supplemental coolant additives in your vehicle. These additives may harm your engine's cooling system.**
- **DO NOT MIX recycled coolant and conventional coolant together in your vehicle. Mixing of engine coolants may harm your engine's cooling system.**
- **The use of an improper coolant may harm engine and cooling system components and may void the warranty of your vehicle's engine cooling system. If you are unsure which type of coolant your vehicle requires, contact your local dealer.**

Do not put engine coolant in the windshield washer fluid reservoir. If engine coolant is sprayed onto the windshield, it could make it difficult to see through the windshield.

When the engine is cool, add a **50/50 mixture** of engine coolant and distilled water to the engine coolant reservoir, until the coolant is at the "cold fill level" or within the " cold fill range" as listed in the engine coolant reservoir (depending upon application).

- **NEVER increase the coolant concentration above 60%.**
- **NEVER decrease the coolant concentration below 40%.**
- **Engine coolant concentrations above 60% or below 40% will decrease the freeze protection characteristics of the engine coolant and may cause engine damage.**

Plain water may be added in an emergency, but you **must** replace it with a 50/50 mixture of engine coolant and distilled water as soon as possible.

Check the coolant level in the reservoir before you drive your vehicle the next few times (with the engine cool). If necessary, add a **50/50 mixture** of engine coolant and distilled water to the engine coolant reservoir until the coolant level is at the "cold fill level" or within the "cold fill range" as listed on the reservoir (depending upon application).

Have your dealer check the engine cooling system for leaks if you have to add more than 1.0 liter (1.0 quart) of engine coolant per month.

To avoid scalding hot steam or coolant from being released from the engine cooling system, never remove the radiator cap while the engine is running or hot. Failure to follow this warning may result in damage to the engine's cooling system and possible severe personal injury.

If you must remove the radiator cap, follow these steps to avoid personal injury:

1. Before you remove the cap, turn the engine off and let it cool.
2. When the engine is cool, wrap a thick cloth around the cap. Slowly turn cap counterclockwise 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.

Recycled engine coolant

Ford Motor Company recommends the use of a recycled engine coolant produced by Ford-approved processes.

Not all coolant recycling processes produce coolant which meets Ford specification WSS-M97B51–A1. Use of a recycled engine coolant which does not meet the Ford G05 specification may harm engine and cooling system components.

 Always dispose of used automotive fluids in a responsible manner. Follow your community's regulations and standards for recycling and disposing of automotive fluids.

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.

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.
- 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 1/4 turn on/off feature.

When the fuel filler door is open, the left hand sliding door will not open.

When fueling your vehicle:

1. Turn the engine off.
2. Carefully turn the filler cap counterclockwise 1/4 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 1/4 of a turn until it stops.

If the “Service Engine Soon” indicator comes on and stays on when you start the engine, the fuel filler cap may not be properly installed. Turn off the engine, remove the 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

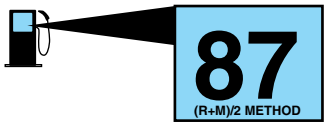
Use only UNLEADED FUEL. The use of leaded fuel is prohibited by law and could damage your vehicle.

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.

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.

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.

Running out of fuel

Avoid running out of fuel because this situation may have an adverse affect on powertrain components.

If you have run out of fuel:

- You may need to cycle the ignition from OFF to ON several times after refueling, to allow the fuel system to pump the fuel from the tank to the engine.
- Your "Service Engine Soon" indicator may come on. For more information on the "Service Engine Soon" indicator, refer to the *Instrument cluster* chapter.

Fuel Filter

For fuel filter replacement, see your dealer or a qualified service technician. Refer to the scheduled maintenance guide for the appropriate intervals for changing the fuel filter.

Replace the fuel filter with an authorized Motorcraft part. The customer warranty may be void for any damage to the fuel system if an authorized Motorcraft fuel filter is not used.

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).

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.
- 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.

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 “Service Engine Soon” 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 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, follow the procedure described below:

1. Allow the engine to cool to ambient temperature (the engine coolant temperature gauge indicator will point to C).

2. 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).

3. Accelerate the vehicle to 88 km/h (55 mph), then quickly release the accelerator pedal completely for at least six seconds.

4. Quickly depress the accelerator pedal for a moment, then drive the vehicle at a speed of 86 to 96 km/h (53 to 60 mph) for at least five minutes.

5. Bring the vehicle to a complete stop.

6. Accelerate the vehicle to 55 km/h (35 mph), and maintain the speed for 20 seconds.

7. Repeat steps five and six at least three times.

8. Accelerate the vehicle to 88 km/h (55 mph), and maintain the speed for at least three minutes.

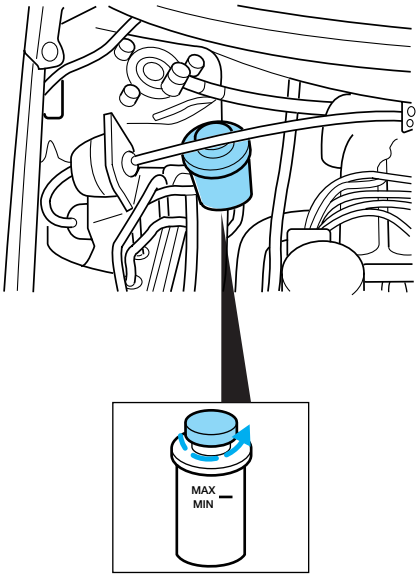
9. Bring the vehicle to a complete stop and turn the engine off.

10. Repeat steps one through nine at least one more time.

If step one through eight are interrupted, repeat the preceding step. Any safe driving mode is acceptable between steps. Once started, do not turn off the engine until step seven is completed.

CHECKING AND ADDING POWER STEERING FLUID

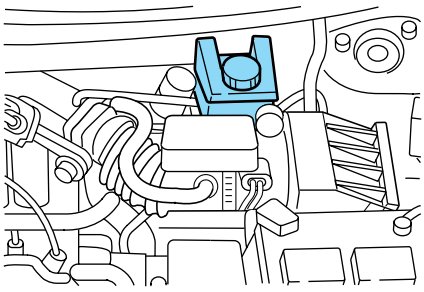
Check the power steering fluid. Refer to the scheduled maintenance guide for the service interval schedules. If adding fluid is necessary, use only MERCON® ATF.



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).
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



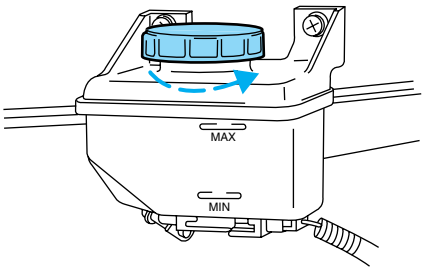
Brake fluid should be checked and refilled as needed. Refer to the scheduled maintenance guide for the service interval schedules.

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 a DOT 3 brake fluid certified to meet Ford specification ESA-M6C25–A. Refer to *Lubricant specifications* in this chapter.



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 a brake fluid that is not DOT 3, you will cause permanent damage to your brakes.

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.

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.

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.

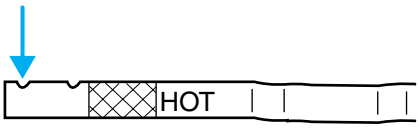
5. Remove the dipstick, wiping it clean with a clean, dry lint free rag. If necessary, refer to *Identifying components in the engine compartment* in this chapter for the location of the dipstick.

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).



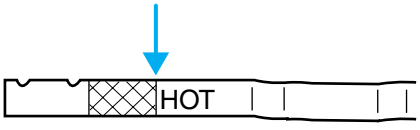
Correct fluid level

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]).

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.

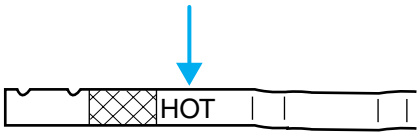
Adjusting automatic transmission fluid levels

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.

AIR FILTER MAINTENANCE

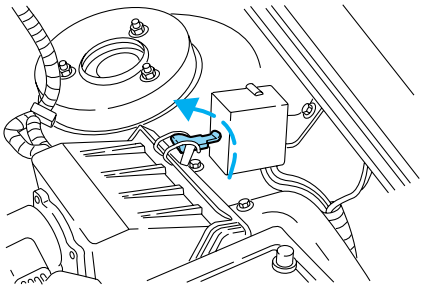
Refer to the scheduled maintenance guide for the appropriate intervals for changing the air filter element.

When changing the air filter element, use only the Motorcraft air filter element listed. Refer to *Motorcraft Part Numbers*.

Note: Do not start your engine with the air cleaner removed and do not remove it while the engine is running.

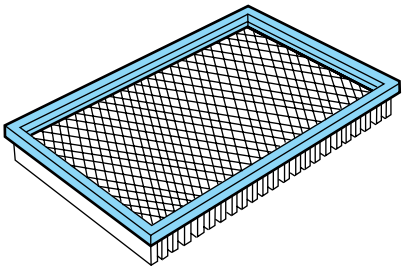
Changing the air filter element

1. Release the four clamps that secure the air filter housing cover.
2. Carefully separate the two halves of the air filter housing.
3. Remove the air filter element from the air filter housing.



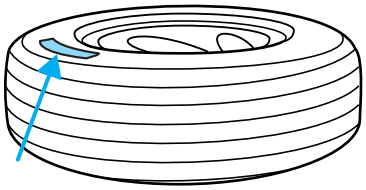
4. Install a new air filter element. Be careful not to crimp the filter element edges between the air filter housing and cover. This could cause filter damage and allow unmetered air to enter the engine if not properly seated.

5. Replace the air filter housing cover and secure the four clamps.



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.

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

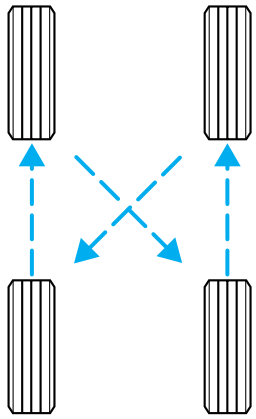
- Use an accurate tire pressure gauge.
- Check the tire pressure when tires are cold, after the vehicle has been parked for at least one hour or has been driven less than 5 km (3 miles).
- Adjust tire pressure to recommended specifications found on the Certification Label.

Improperly inflated tires can affect vehicle handling and can fail suddenly, possibly resulting in loss of vehicle control.

Tire rotation

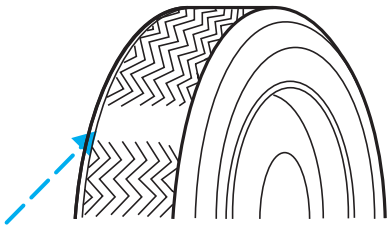
Because your vehicle's tires perform different jobs, they often wear differently. To make sure your tires wear evenly and last longer, rotate them as indicated in the scheduled maintenance guide. If you notice that the tires wear unevenly, have them checked.

- 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.

Tires that are larger or smaller than your vehicle’s original tires may also affect the accuracy of your speedometer.

SNOW TIRES AND CHAINS

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 to provide traction in rain and snow. However, in some climates, you may need to use snow tires and chains. If you need to use chains, it is recommended that steel wheels (of the same size and specifications) be used as chains may chip aluminum wheels.

Follow these guidelines when using snow tires and chains:

- Use only SAE Class S chains.
- Install chains securely, verifying that the chains do not touch any wiring, brake lines or fuel lines.
- Drive cautiously. If you hear the chains rub or bang against your vehicle, stop and re-tighten the chains. If this does not work, remove the chains to prevent damage to your vehicle.
- If possible, avoid fully loading your vehicle.
- Remove the tire chains when they are no longer needed. Do not use tire chains on dry roads.
- The suspension insulation and bumpers will help prevent vehicle damage. Do not remove these components from your vehicle when using snow tires and chains.

MOTORCRAFT PART NUMBERS

Component	3.3L V6 engine
Engine air filter element	FA-1121
Cabin air filter	FP-27
Fuel filter	FG-993
Battery	BXT-24-F
Oil filter	FL-2007
PCV Valve	EV-217
Spark plugs [1]	AGSP-32FP

[1]Refer to Vehicle Emissions Control Information (VECI) decal for spark plug gap information.

REFILL CAPACITIES

Fluid	Ford Part Name	Capacity
Engine oil (includes filter change)	Motorcraft SAE 5W-30 Super Premium Motor Oil	4.0L (4.2 quarts)
Brake fluid	Motorcraft High Performance DOT 3 Motor Vehicle Brake Fluid	Fill to line on reservoir
Power steering fluid	Motorcraft MERCON® ATF	Fill to line on reservoir
Automatic transaxle fluid	Motorcraft MERCON® ATF	8.3L (8.8 quarts)
Engine coolant[1]	Motorcraft Premium Engine Coolant	10.6L (11.2 quarts)
Fuel tank	N/A	75.7L (20.0 gallons)
Windshield washer fluid	Ultra-Clear Windshield Washer Concentrate	Fill to line on reservoir

[1]Use Motorcraft Premium Engine Coolant (green in color). DO NOT USE Ford Extended Life Engine Coolant (orange in color). Refer to *Adding engine coolant, in the Maintenance and Specifications* chapter.

LUBRICANT SPECIFICATIONS

Item	Ford part name	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 weatherstrips	Silicone Lubricant	F7AZ-19G208-BA and F5AZ-19553-AA	ESR-M13P4-A
Engine coolant[1]	Motorcraft Premium Engine Coolant (green colored)	VC-4–A (in Canada, Motorcraft CXC-8-B)	ESE-M97B44-A
Engine oil	Motorcraft SAE 5W-30 Super Premium Motor Oil	XO-5W30-QSP	WSS-M2C205–A with API Certification Mark
Door latch, hood latch,auxiliary hood latch, door and liftgate hinges, striker plates, seat tracks, fuel filler door hinge.	Multi-Purpose Grease	XG-4or F5AZ-19G209-AA	ESR-M1C159-A
Lock cylinders	Penetrating and Lock Lubricant	Motorcraft XL-1	none
Power steering fluid	Motorcraft MERCON® ATF	XT-2-QDX	MERCON®
Automatic transaxle [2]	Motorcraft MERCON® ATF	XT-2-QDX	MERCON®

Item	Ford part name	Ford part number	Ford specification
Disc brake caliper rails	Motorcraft Silicone Brake Caliper Grease and Dielectric Compound	XG-3	ESE-M1C171-A
Constant velocity joints	Motorcraft CV Joint Grease (High Temp.)	XG-2	ESP-M1C207-A
Windshield washer fluid	Ultra-clear Windshield Washer Concentrate	C9AZ-19550-AC	ESR-M17P5-A

[1]DO NOT USE Motorcraft Extended Life Engine Coolant VC-2 (CXC-209 in Canada) meeting Ford specification WSS-M97B44–D (orange in color). Refer to *Adding engine coolant* in this chapter.

[2]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.

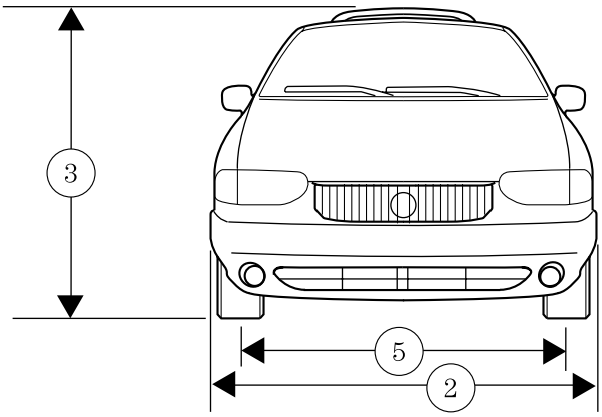
ENGINE DATA

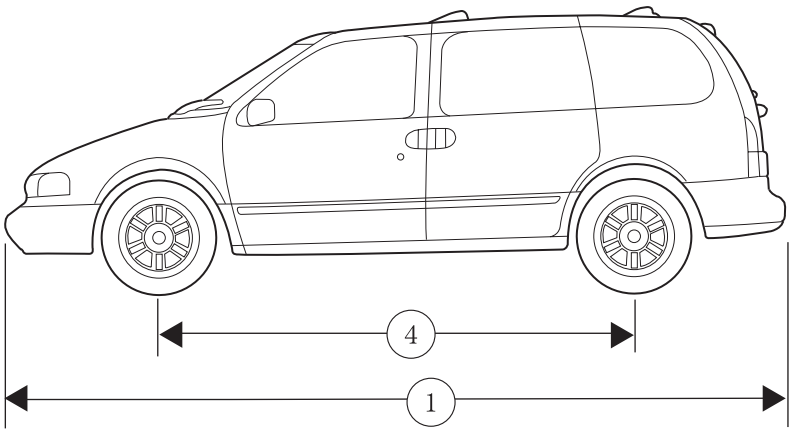
Engine	3.3L V6 engine
Cubic inches	200
Required fuel	87 octane
Firing order	1-2-3-4-5-6
Spark plug gap	1.0-1.1 mm (0.039-0.043 inch)
Ignition system[1]	Distributor ignition system
Compression ratio	8.9:1

[1]This ignition system meets all Canadian Interference-Causing Equipment standard requirements regulating the impulse electrical field strength of radio noise.

VEHICLE DIMENSIONS

Vehicle dimensions	mm (in)
(1) Overall length	4 933.4 (194.2)
(2) Overall width	1 902.5 (74.9)
(3) Overall height (with luggage rack)	1 780.5 (70.1)
(4) Wheelbase	2 849.9 (112.2)
(5) Track - Front	1 610.4 (63.4)
(5) Track - Rear	1 610.4 (63.4)

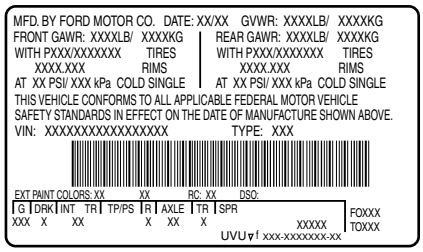




IDENTIFYING YOUR VEHICLE

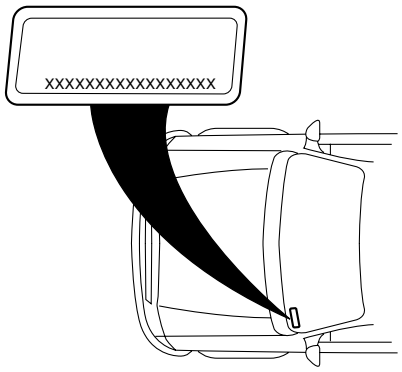
Certification label

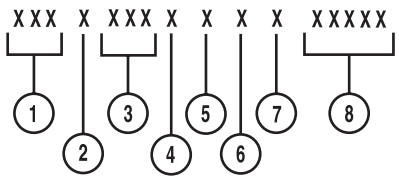
The National Highway Traffic Safety Administration Regulations require that a Certification label be affixed to a vehicle and prescribe where the Certification label may be located. The Certification label is located on the front door latch pillar on the driver's side.



Vehicle identification number

The vehicle identification number is attached to a metal tag and is located on the driver side instrument panel and under the liftgate scuff plate at the bottom of the liftgate opening. (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 and transmission serial number

The engine serial number is stamped on the engine block, and the transmission serial number is on the transmission case.

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

Non—decorative wheel locks

Vehicle security systems

Comfort and convenience

Cargo nets

Cargo organizer

Cargo tray

Electrochromic inside mirror with compass display

Electrochromic inside mirror with compass and temperature display

Engine block heater

Remote start system

Seatback organizer

Tire step

Accessories

Travel equipment

Ash cup
Auto headlamps with daytime running lights (DRL)
Cargo box (rooftop luggage box)
Cigarette lighter element
Console
Framed luggage covers
HomeLink® (in sun visor)
Molded running boards
Removable luggage basket
Running boards, child step
Soft luggage cover
Track rider bars
Track rider bar adaptors
Trailer hitch (Class II)
Trailer hitch bars and balls
Trailer hitch mount bike carrier
Video entertainment system

Protection and appearance equipment

Air bag anti-theft locks
All weather vinyl mats
Carpet floor mats
Door edge guards
Flat splash guards
Front end covers (full and mini)
Hood deflectors
Molded splash guards
Rear air deflectors
Side window air deflectors
Underbody security lighting
Universal floor mats

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.

Index

D

E