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Introduction

ICONS

Indicates a safety alert. Read the following section on Warnings.

Indicates vehicle information related to recycling and other environmental concerns will follow.

Correct vehicle usage and the authorized disposal of waste cleaning and lubrication materials are significant steps towards protecting the environment.

Indicates a message regarding child safety restraints. Refer to Seating and safety restraints for more information.

Indicates that this Owner Guide contains information on this subject. Please refer to the Index to locate the appropriate section which will provide you more information.

WARNINGS

Warnings provide information which may reduce the risk of personal injury and prevent possible damage to others, your vehicle and its equipment.
BREAKING-IN YOUR VEHICLE

There are no particular breaking-in rules for your vehicle. During the first 1600 km (1000 miles) of driving, vary speeds frequently. This is necessary to give the moving parts a chance to break in.

If possible, you should avoid full use of the brakes for the first 1600 km (1000 miles).

INFORMATION ABOUT THIS GUIDE

The information found in this guide was in effect at the time of printing. Ford may change the contents without notice and without incurring obligation.
Instrumentation

- Headlamp control (pg. 16)
- Instrument cluster (pg. 6)
- Trunk release (pg. 40)
- Parking brake release (pg. 92)
- Driver side air bag (pg. 67)
- Speed control* (pg. 29)
- Turn signal and wiper/washer control (pg. 33)

*if equipped
Instrumentation

Electronic sound system; refer to Audio Guide (pg. 28)

Passenger side air bag (pg. 67)

Gearshift (pg. 94)

Climate control system (pg. 18)
Instrumentation

WARNING LIGHTS AND CHIMES

Standard instrument cluster

Optional instrument cluster

Turn signal
Illuminates when the left or right turn signal or the hazard lights are turned on. If one or both of the indicators stay on continuously or flash faster, check for a burned-out turn signal bulb. Refer to Exterior bulbs in the Maintenance and care chapter.

High beams
Illuminates when the high beam headlamps are turned on.
**Instrumentation**

**Safety belt**
Momentarily illuminates when the ignition is turned to the ON position to remind you to fasten your safety belts. For more information, refer to the *Seating and safety restraints* chapter.

**Door ajar**
Illuminates when the ignition is in the ON or START position and any door is open.

**Service engine soon**
Your vehicle is equipped with a computer that monitors the engine’s emission control system. This system is commonly known as the On Board Diagnostics System (OBD II). This OBD II system protects the environment by ensuring that your vehicle continues to meet government emission standards. The OBD II system also assists the service technician in properly servicing your vehicle.

The *Service Engine Soon* indicator light illuminates when the ignition is first turned to the ON position to check the bulb. 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.
What you should do if the Service Engine Soon light illuminates

Light turns on solid:
This means that the OBD II system has detected a malfunction.
Temporary malfunctions may cause your Service Engine Soon light to illuminate. Examples are:
1. The vehicle has run out of fuel. (The engine may misfire or run poorly.)
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 good quality fuel and/or properly installing and securely tightening the gas cap. After three driving cycles without these or any other temporary malfunctions present, the Service Engine Soon 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 Service Engine Soon 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.
**Instrumentation**

**Low fuel**
Illuminates when the fuel tank has approximately eight liters (two gallons) remaining. The lamp will also illuminate when the ignition key is turned to ON and the engine is off.

**Low coolant (if equipped)**
This lamp will illuminate when the engine coolant inside the reservoir is low. This lamp will come on when the ignition is first turned on, but then should turn off. If the lamp stays on, you should check the coolant level inside the reservoir. For instructions on adding coolant, see *Engine coolant* in the *Maintenance and care* chapter.

**Anti-theft system (if equipped)**
Refer to *Anti-theft system* in the *Controls and features* chapter.

**O/D off (if equipped)**
Illuminates when the transmission control switch has been pushed. When the light is on, the transmission does not shift into overdrive. If the light does not come on when the transmission control switch is depressed or if the light flashes when you are driving, have your vehicle serviced.
Instrumentation

**Anti-lock brake system (ABS) (If equipped)**
Momentarily illuminates when the ignition is turned on and the engine is off. 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.

**Speed control (if equipped)**
This light comes on when either the SET/ACCEL or RESUME controls are pressed. It turns off when the speed control OFF control is pressed, the brake is applied or the ignition is turned to the OFF position.

**Brake system warning**
Momentarily illuminates when the ignition is turned to the ON position and the engine is off. If brake warning lamp does not illuminate at this time, seek service immediately. Also illuminates when the parking brake is engaged. Illumination after releasing the parking brake indicates low brake fluid level and the brake system should be inspected immediately.

**Engine oil pressure**
Illuminates when the oil pressure falls below the normal range. Stop the vehicle as soon as safely possible and switch off the engine immediately. Check the oil level and add oil if necessary.
needed. Refer to Engine oil in the Maintenance and Care chapter.

This lamp also illuminates when the ignition is turned to ON and the engine is off.

**Charging system**

Illuminates when the ignition is turned to the ON position and the engine is off. The light also illuminates when the battery is not charging properly, requiring electrical system service.

**Air bag readiness**

Momentarily illuminates when the ignition is turned ON. If the light fails to illuminate, continues to flash or remains on, have the system serviced immediately.

**Low washer fluid**

Illuminates when the ignition is turned to ON and when the windshield washer fluid is low.

**Safety belt warning chime**

Chimes to remind you to fasten your safety belts. For information on the safety belt warning chime, refer to the Seating and safety restraints chapter.

**Supplemental restraint system (SRS) warning chime**

For information on the SRS warning chime, refer to the Seating and safety restraints chapter.
Instrumentation

Key-in-ignition warning chime
Sounds when the key is left in the ignition in the OFF/LOCK or ACC position and either front door is opened.

Headlamps on warning chime
Sounds when the headlamps or parking lamps are on, the ignition is off (and the key is not in the ignition) and either front door is opened.

GAUGES

Standard instrument cluster gauges

Optional instrument cluster gauges
**Speedometer**
Indicates the current vehicle speed.

- Standard instrument cluster

- Optional instrument cluster

**Tachometer**
Indicates the engine speed in revolutions per minute.

- Standard instrument cluster

- SHO instrument cluster (if equipped)

Driving with your tachometer pointer in the red zone may damage the engine.
Instrumentation

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 engine immediately and let the engine cool. Refer to Engine coolant in the Maintenance and care chapter.

Never remove the coolant reservoir cap while the engine is running or hot.

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

Odometer
Registers the total kilometers (miles) of the vehicle.
**Instrumentation**

**Trip odometer**
Registers the kilometers (miles) of individual journeys. To reset, depress the control.

**Fuel gauge**
Displays approximately how much fuel is in the fuel tank (when the key is in the ON position). The fuel gauge may vary slightly when the vehicle is in motion. The ignition should be in the OFF position while the vehicle is being refueled. When the gauge first indicates empty, there is a small amount of reserve fuel in the tank. 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.
Controls and features

**HEADLAMP CONTROL**

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

**Daytime running lamps (DRL) (if equipped)**

Turns the highbeam headlamps on with a reduced output. To activate:

- the engine must be running and
- the headlamp control is in the OFF or Parking lamps position.

⚠️ The Daytime Running Light (DRL) system will not illuminate the tail lamps and parking lamps. Turn on your headlamps at dusk. Failure to do so may result in a collision.

**High beams**

Push forward to activate.
Flash to pass
Pull toward you to activate and release to deactivate.

PANEL DIMMER CONTROL
Use to adjust the brightness of the instrument panel during headlamp and parklamp operation.
- Rotate up to brighten.
- Rotate down to dim.

AUTOLAMP CONTROL
The autolamp system provides light sensitive automatic on-off control of the 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 control up. The preselected time lapse is adjustable up to approximately three minutes by continuing to rotate the control upward.
- To turn autolamps off, rotate the control down until it clicks.
Controls and features

REAR WINDOW DEFROSTER
Clears the rear window of thin ice and fog. To operate:
1. Turn the ignition to the ON position.
2. Press and release the control once to turn on. The light will be lit while the rear window defroster is on.
3. Press and release the control again to turn off. The defroster will automatically turn off after fifteen minutes.

CLIMATE CONTROL SYSTEM
Manual heating and air conditioning system (if equipped)

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.

The air conditioning compressor will operate in all modes except VENT and •. However, the air conditioning will only function if the outside temperature is about 10°C (50°F) or above.

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.

Under normal 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.

• 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. Airflow will be from the instrument panel registers. This mode can also be used to prevent undesirable odors from entering the vehicle.

• A/C-Uses outside air to cool the vehicle. It is quieter than MAX A/C but not as economical. Airflow will be from the instrument panel registers.

• VENT-Distributes outside air through the instrument panel registers. However, the air will not be cooled below the outside temperature because the air conditioning does not operate in this mode.

• OFF-Outside air is shut out and the fan will not operate. For short periods of time only, use this mode to prevent undesirable odors from entering the vehicle.
Controls and features

- **Panel and floor**-Distributes outside air through the instrument panel registers and the 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 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 floor ducts. However, the air will not be cooled below the outside temperature because the air conditioning does not operate in this mode.

- **Floor and defrost**-Distributes outside air through the windshield defroster ducts and the 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 floor ducts will be slightly warmer than the air sent to the instrument panel registers. If the temperature is about 10°C (50°F) or higher, the air conditioner will automatically dehumidify the air to prevent fogging.

- **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 10°C (50°F) or higher, the air conditioner will automatically dehumidify the air to prevent fogging.

**Operating tips**

- In humid weather, select **Defrost** before driving. This will prevent your windshield from fogging. After a few minutes, select any desired position.

- To prevent humidity buildup inside the vehicle, don’t drive with the climate control system in the OFF position.
• Don’t put objects under the front seat that will interfere with the airflow to the back seats.

• Remove any snow, ice or leaves from the air intake area (at the bottom of the windshield under the hood).

• If the air conditioner works well in MAX A/C, but not in A/C, this may indicate that the cabin air filter (if equipped) needs to be replaced.

• If your vehicle has been parked with the windows closed during hot weather, the air conditioner will do a much faster job of cooling if you drive for two or three minutes with the windows open. This will force most of the hot, stale air out of the vehicle. Then operate your air conditioner as you would normally.

• When placing objects on top of your instrument panel, be careful not to place them over the defroster outlets. These objects can block airflow and reduce your ability to see through your windshield. Also, avoid placing small objects on top of your instrument panel. These objects can fall down into the defroster outlets and block airflow and possibly damage your climate control system.
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 on

Press AUTO, any of the override controls or the fan speed control. The EATC will only operate when the ignition is in the ON position.

Turning the EATC off

Press OFF. The Outside Temperature function will continue to operate until the ignition is turned off.
**Automatic operation**

Press AUTO 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 fresh outside air or recirculated air is required. Fan speed remains automatic unless the fan speed control is pressed.

When in AUTO 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 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 18°C (65°F) and 29°C (85°F) by pressing the temperature control.
For continuous maximum cooling, push the temperature control until 16°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 control.

For continuous maximum heating, push the temperature control 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.

**Temperature conversion**

Press MAX A/C and F-DEF at the same time (until the display changes) to switch between Fahrenheit and Celsius.

**Fan speed (扇)**

When AUTO is pressed, fan speed is adjusted automatically for existing conditions. You can override fan speed at any time. To control fan speed manually, press the fan control to cancel automatic fan speed operation. Press the control up for higher fan speed or down for lower fan speed.
The display will show a display and a bar graph to indicate manual fan operation and relative speed.

To return to automatic fan operation, press AUTO.

**Manual override controls**

The override controls are located at the bottom of the EATC and allow you to determine where airflow is directed. To return to full automatic control, press AUTO.

The air conditioning compressor will operate in all modes except and VENT. It will also operate only when required when AUTO has been selected. However, the air conditioning will only function if the outside temperature is about 10°C (50°F) or above.

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.

Under normal 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.
Controls and features

- **MAX A/C**—Uses recirculated air to cool the vehicle. The temperature will remain unchanged and air will be cooled based on the selected temperature. To exit, press AUTOMATIC or any other override controls. MAX A/C is noisier than normal A/C but more economical and will cool the inside of the vehicle faster. Airflow is from the instrument panel registers. This mode can also be used to prevent undesirable odors from entering the vehicle.

- **VENT**—Distributes outside air through the instrument panel registers. However, the air cannot be cooled below the outside temperature because the air conditioning does not operate in this mode.

- **-**—Distributes outside air through the instrument panel registers and the floor ducts. Heating and air conditioning capabilities are provided in this mode. The air will be heated or cooled based on the temperature selection. For added customer comfort, the air distributed through the floor ducts will be slightly warmer than the air sent to the instrument panel registers.

- **-**—Allows for maximum heating by distributing outside air through the floor ducts. However, the air cannot be cooled below the outside temperature because the air conditioning does not operate in this mode.

- **-**—Distributes outside air through the windshield defroster ducts and the floor ducts. Heating and air conditioning capabilities are provided in this mode. The air will be heated or cooled based on the temperature selection. For added customer comfort, the air distributed through the floor ducts will be slightly warmer than the air sent to the windshield defroster ducts. If the temperature is about 10°C (50°F) or higher, the air conditioner will automatically dehumidify the air to prevent fogging.
F- DEF - Distributes outside air through the windshield defroster ducts. It can be used to clear ice or fog from the windshield. If the outside air temperature is about 10°C (50°F) or higher, the air conditioner will automatically dehumidify the air to prevent fogging.

OFF - Outside air is shut out and the fan will not operate. For short periods of time only, use this mode to prevent undesirable odors from entering the vehicle.

Displaying outside temperature

Press OUTSIDE TEMP to display the outside air temperature. It will be displayed until OUTSIDE TEMP is pressed again or until any other control is pressed. When the EATC system is off and OUTSIDE TEMP is pressed, the outside temperature will only be displayed for four seconds.

The outside temperature reading is most accurate when the vehicle is moving. Higher readings may be obtained when the vehicle is not moving. The readings that you get may not agree with temperatures given on the radio due to differences in vehicle and station locations.

Operating tips

In humid weather, select F-DEF before driving. This will prevent your windshield from fogging. After a few minutes, select any desired position.

To prevent humidity buildup inside the vehicle, don’t drive with the climate control system in the OFF position.

Don’t put objects under the front seat that will interfere with the airflow to the back seats.
• Remove any snow, ice or leaves from the air intake area (at the bottom of the windshield).

• If your vehicle has been parked with the windows closed during hot weather, the air conditioner will do a much faster job of cooling if you drive for two or three minutes with the windows open. This will force most of the hot, stale air out of the vehicle. Then operate the air conditioner as you would normally.

• If the air conditioner works well in MAX A/C but not in normal A/C, this may indicate that the cabin air filter (if equipped) needs to be replaced.

• When placing objects on top of your instrument panel, be careful to not place them over the defroster outlets. These objects can block airflow and reduce your ability to see through your windshield. Also, avoid placing small objects on top of your instrument panel. These objects can fall down into the defroster outlets and block airflow and possibly damage your climate control system.

**AUDIO SYSTEM**

Refer to the Audio Guide for instructions on how to operate the audio system.

**POSITIONS OF THE IGNITION**

1. ACCESSORY, allows the electrical accessories such as the radio to operate while the engine is not running.
Controls and features

2. LOCK, locks the steering wheel, automatic transmission gearshift lever and allows key removal.
3. OFF, shuts off the engine and all accessories without locking the steering wheel.
4. ON, all electrical circuits operational. Warning lights illuminated. Key position when driving.
5. START, cranks the engine. Release the key as soon as the engine starts.

**SPEED CONTROL (IF EQUIPPED)**

**To turn speed control on**
- Press ON.

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

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

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

To turn speed control off
- Press OFF or
- Turn off the vehicle ignition.

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

To set a speed
- Press SET ACC/SET ACCEL. 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 16 km/h (10 mph) below your set speed on an uphill, your speed control will disengage. This is normal. Pressing RES/RSM/RESUME 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 SET ACC/SET ACCEL. Release the control when the desired vehicle speed is reached or
- Press and release SET ACC/SET ACCEL. 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 SET ACC/SET ACCEL.

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 CST/COAST. Release the control when the desired speed is reached or
- Press and release CST/COAST. 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 SET ACC/SET ACCEL.
To disengage speed control

- Depress the brake pedal.

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

Pressing OFF will erase the previously programmed set speed.

To return to a previously set speed

- Press RES/RSM/RESUME.

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

Indicator light

This light comes on when either the SET ACC/SET ACCEL or RES/RSM/RESUME controls are pressed. It turns off when the speed control OFF control is pressed, the brake is applied or the ignition is turned to the OFF position.
TURN SIGNAL CONTROL

- Push down to activate the left turn signal.
- Push up to activate the right turn signal.

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 and washer (wagon only)

The rear wiper control is located under the headlamp controls. Press the wiper control to activate the rear wiper. Press again to turn off the wiper.
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.

Mist Function
To operate the Mist function of the windshield wipers, push and release the windshield washer control quickly. The wipers will cycle one or two times.

HAZARD FLASHER
For information on the hazard flasher control, refer to Hazard lights control in the Roadside emergencies chapter.

TILT STEERING
Pull the tilt steering control toward you to move the steering wheel up or down. Hold the control while adjusting the wheel to the desired position, then release the control.

![Controls and features](image)

Never adjust the steering wheel when the vehicle is moving.
ILLUMINATED VISOR MIRROR (IF EQUIPPED)
To turn on the visor mirror lamps, lift the mirror cover. Adjust the amount of light by sliding the control.

MOON ROOF (IF EQUIPPED)
Press SLIDE to open and close the moon roof. Press AUTO and release to open completely with one touch.
Press UP or DN on the TILT control to tilt the moon roof when closed.

Dome lamps and map lamps
The front dome lamp is located overhead between the driver and passenger seats. If the vehicle is equipped with a moon roof, the dome lamp is located behind the moon roof.
The dome lamp will stay on if the control is moved to the ON position. When the control is in the DOOR 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 25 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.
Controls and features

The map lamps and controls are located on the dome lamp. Press the controls on either side of each map lamp to activate the lamps.

If equipped with a moon roof, the map lamps are located on the moon roof control panel. Press LIGHT to illuminate the map lamp.

POWER WINDOWS

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

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

- Press the bottom portion of the rocker switch to open.
Controls and features

One touch down

- Press AUTO completely down and release quickly. The 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 right side of the control. Press the left side to restore the window controls.

POWER DOOR LOCKS (IF EQUIPPED)

Press U to unlock all doors and L to lock all doors.

Central locking/Two step unlocking (if equipped)

When unlocking the driver or front passenger door with the key, turn it once toward the front of the vehicle to unlock that door only. Turn the key a second time to unlock all doors. When locking, turn the key toward the back of the vehicle to lock all doors.
Liftgate (wagon only)
The power liftgate lock is located on the right inside trim panel in the cargo area. When this lock is pressed, all doors and the liftgate will lock.

POWER SIDE VIEW MIRRORS
To adjust your mirrors:
1. Select ▼ to adjust the left mirror or ▲ 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.

**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 rear edge of each 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.

Move lock control up to engage the lock. Move control down to disengage childproof locks.

**CENTER CONSOLE**

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

- utility compartment
- cupholders
- coin holder slots
- cellular phone (if equipped)

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

If your vehicle is equipped with the column shift, it has a center console in the center front seating position.
Controls and features

The center console has the same features as the full console. To open the storage compartment, raise the armrest and pull the strap on the seat up and toward the front of the vehicle. The cupholders in the center console can be removed for cleaning.

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

Cellular phone

Refer to the “Cellular phone guide” for instructions on operation.

**POSITIVE RETENTION FLOOR MAT**

Position the floor mat so that the eyelet is over the pointed end of the retention post and rotate forward to lock in. 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.

**TRUNK REMOTE CONTROL**

Press the remote trunk release control on the instrument panel to the left of the steering wheel.
LIFTGATE (WAGON ONLY)

You can open the entire liftgate or just the liftgate window. To open the entire liftgate, press the release button hidden under the exterior trim panel just above the license plate.

You must lock the liftgate with the key or power lock control; it does not lock automatically.

The window locks when the liftgate is locked. To open the window, make sure the liftgate and window are unlocked, then press the outside lock cylinder. The window can only be opened from the outside.

To prevent any damage to the liftgate and window, close them completely before driving.

CARGO AREA FEATURES

Storage compartment

Your vehicle comes equipped with a storage compartment in the floor of the cargo area. An additional compartment is in the rear trim panel on the right. Always put the load you are carrying as far forward as possible.
Cargo net (if equipped)
The cargo net secures lightweight objects in the cargo area. Attach the net to the anchors provided. Do not put more than 22 kg (50 lbs.) in the net. This net is not designed to restrain objects during a collision.

Cargo cover (if equipped)
Your vehicle may be equipped with a cargo area shade that covers the luggage compartment of your vehicle.

To install the shade:
1. Fasten the cover into the mounting brackets (make sure the cover is right side up).
2. Pull the end of the shade toward you and hook the sides into the notches in the rear trim panels.

To prevent the possibility of injuries, the fasteners for the cargo area cover must be properly attached to the mounting clips on the rear trim panels.

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

With extended use, the cargo shade may lose its spring tension. If this occurs, the shade must be manually rewound. This is a two-person operation.

1. Remove the shade from the vehicle and extend it with the smooth grain facing you.

2. Wrap the vinyl around the roller tube twice. Tuck the edges of the vinyl inside the end cap with each wrap.

3. Fold the edges of the vinyl towards the center, making sure that the edges clear the end cap slots. Use tape or a rubber band to hold the vinyl to the left side of the tube.

4. Push in the right end cap (marked RH) about ¼ of the total length to disengage the clutch and hold the end cap in while turning the roller tube toward you 14 times.

5. Let go of the right end cap. The clutch will now engage and stop the shade from losing its spring tension.

6. Unfold the vinyl and place it into the end cap slots.

7. Insert the shade into the side mounting brackets and check to make sure that it operates properly.

⚠️ The cover may cause injury in a sudden stop or accident if it is not securely installed.
REMOTE ENTRY SYSTEM (IF EQUIPPED)
The remote entry system allows you to lock or unlock all vehicle doors and liftgate without a key.
The remote entry features only operate with the ignition in the OFF position.

Unlocking the doors
Press this control to unlock the driver’s door. The interior lamps will illuminate.
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, press the control a second time within five seconds. The doors will lock again, the horn will chirp and the lamps will flash.
If any of the doors are ajar, the horn will make two quick chirps, reminding you to properly close all doors.

Unlocking the liftgate/trunk
Press the control to unlock the liftgate/trunk.
Sounding a panic alarm
Press this control to activate the alarm.

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

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.**

Illuminated entry

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

The system automatically turns off after 25 seconds or when the ignition is turned to the RUN or ACC position. The dome lamp control (if equipped) must not be set to the OFF position for the illuminated entry system to operate.

The inside lights will not turn off if:
- they have been turned on with the dimmer control or
- any door is open.

The battery saver will shut off the interior lamps 40 minutes after the ignition has been turned to the OFF position.
Controls and features

Replacing lost transmitters
Take all your vehicle's transmitters to your dealer for reprogramming if:
• a transmitter is lost or
• you want to purchase additional transmitters (up to four may be programmed).

To reprogram the transmitters, place the key in the ignition and turn from OFF to ON five times in rapid succession (within 10 seconds). After doors lock/unlock, press any control on all transmitters (up to four). When completed, turn the ignition to OFF. The doors will lock/unlock one last time to confirm completion of program mode.
All transmitters must be programmed at the same time.

Replacing the battery
The transmitter is powered by one coin type three-volt lithium battery CR2032 or equivalent. 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:
• battery weakness due to time and use
• 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 in the same orientation. Refer to the diagram inside the transmitter unit.

3. Snap the two halves back together.

Replacement of the battery will not cause the remote transmitter to become deprogrammed from your vehicle. The remote transmitter should operate normally after battery replacement.

PERIMETER ALARM SYSTEM (IF EQUIPPED)

Arming the system

When armed, this system will help protect your vehicle from unauthorized entry. When unauthorized entry occurs, the system will flash the headlamps and/or parking lamps, and the theft indicator lamp and will chirp the horn.

The system is ready to arm whenever the ignition is turned OFF. Any of the following actions will prearm the alarm system:

- Press the remote entry lock control (doors opened or closed).
• Press 7/8 and 9/0 controls on the keyless entry pad at the same time to lock the doors (doors opened or closed).

• Open a door and press the power door lock control to lock the doors.

• Use the door key to lock the doors (doors opened or closed).

If a door or the liftgate (wagon) is open, the system is prearmed and is waiting for the door to close or liftgate to close. The THEFT indicator in the instrument cluster will be lit continuously when the system is prearmed.

Once the doors and liftgate (wagon) are closed, the system will arm in 30 seconds.

When you press the lock control twice within 5 seconds on your remote entry transmitter, the horn will chirp once to let you know that the system is armed.

If the doors or liftgate (wagon) are not closed and you press the remote entry transmitter twice to confirm the doors are locked, the horn will chirp twice to warn you that the system is not arming.
Disarming the system
You can disarm the system by any of the following actions:

- Unlock the doors by using your remote entry transmitter.

- Unlock the doors by using your keyless entry pad.

- Unlock the doors or liftgate with a key. Turn the key full travel (toward the front of the vehicle) to make sure the alarm disarms.

- Turn ignition to ACC or ON.

- Press control on the remote entry transmitter. This will disarm the system when the alarm is sounding.
KEYLESS ENTRY SYSTEM

With the keyless entry keypad, you can:

• lock or unlock the vehicle doors and liftgate (wagons) without using the key.
• arm and disarm the perimeter alarm system (if equipped)

See also Remote entry system and Perimeter alarm system in this chapter for more information.

Your vehicle has a factory-set 5-digit code that operates the keyless entry system. You can also program your own 5-digit personal entry code.

The factory-set code is located:

• on the owner's wallet card in the glove compartment
• taped to the computer module

When pressing the controls on the keyless entry keypad, press the middle of the controls to ensure a good activation.

Programming your own personal entry code

1. Enter the factory-set code (keypad will illuminate when pressed).
2. Press the 1/2 control within five seconds of step 1.
3. Enter your personal 5 digit code. Enter each digit within five seconds of the previous one.

Do not set a code that includes five of the same number or presents them in sequential order. Thieves can easily figure out these types of codes.
Your personal code does not replace the permanent code that the dealership gave you. You can use either code to unlock your vehicle. If a second personal code is entered, the module will erase the first personal code in favor of the new code.

If you wish to erase your personal code, use the following instructions:

**Erasing personal code**

1. Enter the factory-set code.
2. Press 1/2 within five seconds of step 1.
3. Press the 7/8 and 9/0 controls at the same time within five seconds of step two.

The system will now only respond to the factory-set code.

**Unlocking the doors and releasing the trunk with the keyless entry system**

The driver’s door must be unlocked before any other. If more than five seconds pass between pressing numbers, enter the code again. The system has shut down if the keypad light is out. If the keyless entry system does not work, use the key or remote entry transmitter(s).

1. To unlock the driver’s door, enter one of the two codes. After pressing the fifth number, the driver’s door unlocks.
2. To unlock the passenger’s door(s) and liftgate (wagon), press the 3/4 control within five seconds of unlocking the driver’s door.
3. To unlock the trunk or liftgate (wagon), enter the five-digit factory-set code, then press the 5/6 control within five seconds.

**Autolock**

Autolock is a feature that will automatically lock all doors when:

- all vehicle doors, liftgate and liftgate window are fully closed
- the ignition key is in the ON position
- you shift into or through R (Reverse)
- the brake pedal is released

The autolock feature repeats when:

- any door is opened and then closed
- the brake pedal is released

**Deactivating autolock**

Before following the activation or deactivation procedures, make sure that the anti-theft system is not armed, the ignition is OFF and all vehicle doors and liftgate window are closed.

1. Enter the 5 digit entry code.
2. Press and release the 3/4 control while holding the 7/8 control.
3. Release the 7/8 control.

The horn will chirp once if autolock was deactivated or twice (one short and one long chirp) if autolock was activated.

To reactivate autolock, repeat steps 1 through 3.

Autolock can also be activated or deactivated using the following procedure:
Controls and features

You must complete steps 1 through 5 within 30 seconds or the procedure will have to be repeated. If the procedure needs to be repeated, you must wait 30 seconds.

1. Turn the ignition key from OFF to RUN/ACC.
2. Press the power door UNLOCK control three times.
3. Turn the ignition key from RUN/ACC to OFF.
4. Press the power door UNLOCK control three times.
5. Turn the ignition key from OFF to RUN/ACC. A horn chirp indicates the enable/disable feature is entered.
6. Press the power door UNLOCK control one time.
7. Press the power door LOCK control to toggle the Autolock/Relock state. You will receive a horn chirp followed by either a long honk, autolock/relock is enabled, or no honk, autolock/relock is disabled.
8. Turn ignition to OFF.

If autolock/relock has been changed, the horn will chirp to confirm procedure is complete.

SECUROLOCK® ANTI-THEFT SYSTEM

The SecuriLock® anti-theft system provides an advanced level of vehicle theft protection. Your vehicle’s engine can only be started with the two special SecuriLock® electronically coded keys provided with your vehicle. Each time you start your vehicle, the SecuriLock® key is read by the SecuriLock® anti-theft system. If the SecuriLock® key identification code matches the code stored in the SecuriLock® anti-theft system, the vehicle’s engine is allowed to start. If the SecuriLock® key identification code does not match the code stored in the system or if a SecuriLock® key is not detected (vehicle theft situation), the vehicle’s engine will not operate.
Spare SecuriLock® keys can be purchased from your dealership and programmed to your SecuriLock® anti-theft system. Refer to *Programming spare SecuriLock® keys* for more information.

If one or both of your SecuriLock® keys are lost or stolen and you want to ensure the lost or stolen key will not operate your vehicle, bring your vehicle and all available SecuriLock® keys to your dealership for reinitialization.
**Seating and safety restraints**

**SEATING**

**Head restraints**
Push or pull the head rests to the desired position.

**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 avoid 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.

Lift handle to move seat forward or backward.
Seating and safety restraints

Pull lever up to adjust seatback.

Adjusting the power seats (if equipped)

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

Press to move front or rear of seat up and down.

Press to raise or lower the seat, or to move the seat forward or backward.

Using the power lumbar support (if equipped)

The power lumbar control is located on the outboard side of the seat.

Press one side of the control to adjust firmness.
Seating and safety restraints

Press the other side of the control to adjust softness.

REAR SEATS

2nd seat/Split-folding rear seat (if equipped)
One or both rear seatbacks can be folded down to provide additional cargo space.
To lower the seatback(s) from inside the vehicle, pull tab to release seat back and then fold seatback down.

When raising the seatback(s), make sure you hear the seat latch into place.

3rd seat (wagon only)
The third seat faces the rear of the vehicle. For height and weight limits, see the label on the seat cushion. When the seat is down, the back of your wagon has a flat surface for carrying cargo.
To open up the seat:
1. Unlock the floor panel with the key, then use the handle to fold the floor panel toward the front of the car.
2. Remove the cargo cover. The cargo cover must be removed or the seatback will not latch in the upright position.
3. Lift the remote latch release on the left side of the compartment and fold the remaining floor panel until it latches. Make sure the seatback is locked in the upright position.

To close the seat, make sure the safety belts are properly stowed, then lift the remote latch release and push the seat down until it latches. Pull up on the handle and push the floor panel into place.

SAFETY RESTRAINTS

Safety restraints precautions

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

To prevent 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.
Seating and safety restraints

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.

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 it around your neck over the inside shoulder. 3) Never use a single belt for more than one person.

Combination lap and shoulder belts

1. 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.
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 and rear seat passenger 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 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**

- When a tight lap/shoulder fit is desired.
- **Anytime** a child safety seat is installed in the vehicle. 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

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.

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.
Seating and safety restraints

To lower the shoulder belt height, push the button and slide the height control down. To raise the height of the shoulder belt, slide the height adjuster up. Pull down on the height adjustment assembly to make sure it is locked in place.

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

Center rear lap belt (sedan)

The safety belt in the center rear seating position has a detachable shoulder belt and does not contain the automatic locking mode (ALR).

To attach the shoulder belt to the lap belt, pull the shoulder belt out from the retractor in the seatback and insert into the lap belt connecting pin into the wide end of the key slot on the shoulder belt. Pull the connecting pin into the narrow end of the key slot until you hear a snap and feel it latch. Make sure the shoulder belt is securely fastened to the lap belt by pulling up on the shoulder belt.

Lap belts

Adjusting the lap belt

The lap belt does not adjust automatically.
The lap belts should fit snugly and as low as possible around the hips, not around the waist.

Insert the tongue into the correct buckle. 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 belts for rear-facing occupants (wagon only)

Never use child safety seats in the third seat of a wagon.

Your vehicle is equipped with safety belts containing an adjust tongue at the rear-facing seating positions. When the adjust tongue of the lap/shoulder combination seat belt is latched into the buckle, the tongue will allow the lap portion to become shorter, but locks the webbing in place to restrict it from becoming longer.
Seating and safety restraints

Before you reach and latch a combination lap and shoulder belt having an adjust tongue into the buckle, you may have to lengthen the lap belt portion of it. To lengthen the lap belt, pull some webbing out of the shoulder belt retractor. While holding the webbing below the tongue, grasp the tongue so that it is parallel to the webbing and slide the tongue upward. Provide enough length so that the tongue can reach the buckle.

To fasten the belt, pull the combination lap and shoulder belt from the retractor so that the shoulder belt portion of the safety belt crosses your shoulder and chest. Be sure the belt is not twisted. If the belt is twisted, remove the twist. Insert the tongue into the proper buckle for your seating position until you hear a snap and feel it latch. Make sure the tongue is securely fastened to the buckle by pulling on the tongue.

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

⚠️ Front and rear seat occupants, including pregnant women, should wear safety belts for optimum protection in an accident.

⚠️ 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 it around your neck over the inside shoulder. 3) Never use a single belt for more than one person.
Seating and safety restraints

Due to folding rear seats, sometimes the buckles and tongues toward the center of the vehicle may be hidden by the rear edge of the seat cushion. Pull them out so they will be accessible.

While you are fastened in the seat belt, the shoulder belt adjusts to your movement. However, if you brake hard, turn hard or your vehicle receives an impact of 8 km/h (5 mph) or more, the safety belt will become locked and help reduce your forward movement.

To unfasten the belt, push the red release button on the end of the buckle. This allows the tongue to unlatch from the buckle. While the belt retracts, guide the tongue to its original position to prevent it from striking you or the vehicle.

Safety belt extension assembly

If the safety belt assembly is too short, even when fully extended, 20 cm (8 inches) can be added to the safety belt assembly by adding a safety belt extension assembly (part number 611C22). Safety belt extension assemblies 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 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.
Seating and safety restraints

Conditions of operation

<table>
<thead>
<tr>
<th>If...</th>
<th>Then...</th>
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<tbody>
<tr>
<td>The driver's safety belt is not buckled before the ignition switch is turned to the ON position...</td>
<td>The safety belt warning light illuminates for one to two minutes and the warning chime sounds for four to eight seconds.</td>
</tr>
<tr>
<td>The driver's safety belt is buckled while the indicator light is illuminated and the warning chime is sounding...</td>
<td>The safety belt warning light and warning chime turn off.</td>
</tr>
<tr>
<td>The driver's safety belt is buckled before the ignition switch is turned to the ON position...</td>
<td>The safety belt warning light and indicator chime remain off.</td>
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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, wears or cuts, replacing if necessary. All safety belt assemblies, including retractors, buckles, front seat belt buckle assemblies (slide bar)(if equipped), shoulder belt height adjusters (if equipped), child safety seat tether bracket assemblies (if equipped), and attaching hardware, should be inspected after a collision. Ford recommends that all safety belt assemblies used in vehicles involved in a collision be replaced. However, if the collision was minor and a qualified technician finds that the belts do not show damage and continue to operate properly, they do not need to be replaced. Safety belt assemblies not in use during a collision should also be inspected and replaced if either damage or improper operation is noted.
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 Maintenance and care section.

**AIR BAG SUPPLEMENTAL RESTRAINT SYSTEM (SRS)**

**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.
Seating and safety restraints

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

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

NHTSA recommends a minimum distance of at least 25.4 cm (ten [10] inches) between an occupant’s chest and the air bag module.

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

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

The right front passenger air bag is not designed to restrain occupants in the center front seating 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.
Seating and safety restraints

Do not attempt to service, repair, or modify the Air Bag Supplemental Restraint System or its fuses. See your Ford or Lincoln-Mercury dealer.

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 sufficient 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, it may also cause minor burns, 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 is inflated, **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 tone
- 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.
Seating and safety restraints

Determining if the system is operational

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

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

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

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

Disposal of air bags and air bag equipped vehicles

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.
Seating and safety restraints

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, place children 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 position.
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.

To improve the fit of lap and shoulder belts on children who have outgrown child safety seats, Ford recommends use of a belt-positioning booster seat that is labelled as conforming to all Federal motor vehicle safety standards. Belt-positioning booster seats raise the child and provide a shorter, firmer seating cushion that encourages safer seating posture and better fit of lap and shoulder belts on the child.

A belt-positioning booster should be used if the shoulder belt rests in front of the child's face or neck, or if the lap belt does not fit snugly on both thighs, or if the thighs are too short to let the child sit all the way back on the seat cushion when the lower legs hang over the edge of the seat cushion. You may wish to discuss the special needs of your child with your pediatrician.
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:

- 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.
Seating and safety restraints

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.

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

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

An air bag can kill or injure a child in a child seat. If you must use a forward-facing child seat in the front seat, move seat all the way back.

Rear facing child seats should NEVER be placed in the front seats.
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 for that seating position until you hear 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 extracted and a click is heard.

6. Allow the belt to retract. The belt will click as it retracts to indicate it is in the automatic locking mode.
7. Pull the lap belt portion across the child seat toward the buckle and pull up on the shoulder belt while pushing down with your knee on the child seat.

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

9. Before placing the child in the seat, forcibly tilt the seat forward and back to make sure the seat is securely held in place.

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 a child safety seat in the center rear seating position with adjustable lap belt**

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 held securely in place. If the child seat moves excessively, repeat steps 5 through 6, or properly install the child seat in a different position.

**Attaching safety seats with tether straps**

Some manufacturers make safety seats that include a tether strap that goes over the back of the vehicle seat and attaches to an anchoring point. Other manufacturers offer the tether strap as an accessory. Contact the manufacturer of your child safety seat for information about ordering a tether strap.

**Tether anchorage hardware**

Attachment holes (at each rear outboard seating position) have been provided in your vehicle to attach anchor hardware, if required. Tether anchorage hardware kits (part number 613D74) including instructions, may be obtained at no charge from any Ford or Lincoln-Mercury dealer. All vehicles built for sale in Canada include a tether anchor hardware kit.

Be sure to follow the child safety seat manufacturer’s instructions.

If you have a station wagon, tether anchors are already installed for each of the second row seating positions.
1. Behind the second seat, find the plastic snap-on covers for the floor anchors.

2. Use a screwdriver or coin to snap the covers off the anchor in a rearward and upward direction. Remove the covers completely.

3. Snap the tether strap hook onto the U-shaped tether anchor.

**BUILT-IN CHILD SEATS**

**Built-in child safety seat (if equipped)**

The rear seat may include a built-in child seat. This child seat conforms to all Federal and local motor vehicle safety standards. Read the labels located on the child seat cushion and shoulder belt for information on the built-in child seat.

Use the built-in child seat only if the child is at least 9 months old, weighs 9–27 kg (20–60 lb) and the child's shoulders (top) are below the shoulder harness slots in the built-in child seat.

Children not meeting these requirements should be secured in an approved aftermarket seat. Refer to Children and infant or child safety seats in this chapter.
**Built-in child seat retractors**

The belts on built-in child seats are equipped with a retractor that locks when both tongues are latched into the crotch safety belt buckle. The retractor will automatically snug the belts around the child. If the belts do not remain snug, take the vehicle to the dealer for child seat repair. The belts will not snug during a collision.

**Placing your child in the built-in child seat**

- Failure to follow all of the instructions on the use of this child restraint system can result in your child striking the vehicle’s interior during a sudden stop or crash.

- Never use the Built-In Child Seat as a booster cushion with the adult safety belts. A child using the adult belts could slide forward and out from under the safety belts.

- The rear seatback must be fully locked before operating the child restraint system.
1. Grasp the child seat at the top of the seatback and pull the top forward to release the latch.

2. Continue to unfold the child seat until it rests on the seat.

3. Read all information and warnings on the child seat cushion and shoulder safety belt. Make sure the child is not too large for the child seat.

4. If connected, squeeze the top and the bottom of the right half of the chest clip and pull to separate both halves.
Seating and safety restraints

5. Place the child on the child seat and position the shoulder belts over each shoulder.

6. Insert either the left or the right safety belt tongue into the single opening of the crotch safety belt buckle (it doesn't matter which tongue is inserted first). Insert other tongue. The color green must appear in the indicator window on the crotch safety belt buckle when buckled. Allow belts to retract and fit snugly.

7. Fasten both halves of the chest clip below the child's shoulders and adjust it to comfortably hold the shoulder belts in place on the child's chest. The color green must appear in the indicator window when fastened.

8. Pull the shoulder belts toward you to make sure the crotch safety belt buckle is properly fastened and the retractor is locked.

9. If the belts become too tight, unbuckle the crotch safety belt buckle to unlock the retractors, then reinsert both belt tongues.
Seating and safety restraints

Removing your child from the built-in child seat
1. Squeeze the tabs on the top and the bottom of the chest clip and pull the halves apart to open the chest clip.
2. Press the release button on the crotch safety belt buckle.
3. Slide the shoulder belts off the child's shoulders and remove the child.

To stow the built-in child seat
Return the child seat cushion to the upright position, then press firmly in the center and top of the child seat.

Inspecting the built-in child seat after a collision
Inspect all built-in child restraints, including seats, buckles, retractors, seat latches. Interlocks and attaching hardware should be inspected by a qualified technician after any collision. If the child seat was in use during a collision, Ford recommends replacing it. Built-in child restraints not in use during a collision should be inspected and replaced if either damage or improper operation is noted.
PREPARING TO START YOUR VEHICLE

Engine starting is controlled by the ignition 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.
Starting

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

Important safety precautions

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

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

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

- If the driver's safety belt is fastened, the light ( ) will not illuminate.

**STARTING THE ENGINE**

1. Turn the key to 5 (START) without pressing the accelerator pedal and release as soon as the engine starts. The key will return to 4 (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 ten seconds and try again.
Starting

3. If the temperature is below -12°C (10°F) and the engine does not start in fifteen seconds on the first try, turn the key OFF and wait ten seconds and try again. If the engine does not start in two attempts, depress the accelerator and start the engine while holding the accelerator down to the floor. Release the accelerator when the engine starts.

4. After idling for a few seconds, apply the brake and release the parking brake.

Using the engine block heater (if equipped)

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

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

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

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.

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.

**Important ventilating information**

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

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

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

Your brakes are self-adjusting. Refer to the “Service 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.

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. 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 compensating 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**

The \(\text{ABS}\) warning lamp in the instrument cluster momentarily illuminates when the ignition is turned on and the engine is off. 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 ABS is required, apply continuous full force on the brake. The 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 decrease the time necessary to apply the brakes or always 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.
Driving

Parking brake
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 designed 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.
Pull the release lever to release the 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 help steer 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 a low power steering pump fluid level.

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)
- high crown in center of road
- high crosswinds
- wheels out of alignment
- loose or worn components in steering linkage
SEMI-ACTIVE RIDE CONTROL  
( TAURUS SHO ONLY )
Firm shock absorber performance enhances ride and handling during certain road conditions. The shock absorber is returned to a softer performance when driver or road induced motion ceases. This system is automatic and requires no driver input.

AUTOMATIC TRANSAXLE OPERATION

Brake-shift interlock
This vehicle is equipped with a brake-shift interlock feature that prevents the gearshift from being moved from P (Park) unless the brake pedal is pressed. If you cannot move the gearshift out of P (Park) with the brake pedal depressed:

1. Apply the parking brake, turn ignition key to LOCK, then remove the key.
2. Insert the key and turn it to OFF. Apply the brake pedal and shift to N (Neutral).
3. Start the vehicle.

If it is necessary to use the above procedure to move the gearshift, it is possible that a fuse has blown and the vehicle's brakelamps may not be operating properly. Refer to Fuses and relays in the Roadside emergencies chapter.

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 for more than a few minutes, because it could damage the vehicle.
Always set the parking brake fully and make sure the gearshift is latched in P (Park). Turn off the ignition whenever you leave your vehicle.

Driving with an automatic overdrive transaxle (column or console gearshift without O/D off switch)

Your automatic overdrive transaxle provides fully automatic operation in either Õ (Overdrive) or D (Drive). Driving with the shift selector in Õ gives the best fuel economy for normal driving conditions. For manual control start in 1 (First) and then shift manually.

If your vehicle is equipped with a console mounted gearshift, you must press the thumb button on the side of the gearshift to move the gearshift from P (Park).

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

Hold the brake pedal down while you move the gearshift lever from position to position. If you do not hold the brake pedal down, your vehicle may move unexpectedly and injure someone.
Driving with an automatic overdrive transaxle (column or console gearshift with O/D off switch)

Your automatic overdrive transaxle provides fully automatic operation in either D (Overdrive) or with the O/D OFF switch depressed. Driving with the shift selector in D (Overdrive) gives the best fuel economy for normal driving conditions. For manual control start in 1 (First) and then shift manually.

If your vehicle is equipped with a console mounted gearshift, you must press the thumb button on the side of the gearshift to move the gearshift from P (Park).

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

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

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

Never leave your vehicle unattended while it is running.

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

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

D (Overdrive — column shift without O/D OFF switch) or D (Overdrive — column or console mounted gearshift with O/D off switch)
The overdrive position is the normal driving position for an automatic overdrive transaxle. It works the same way as D (Overdrive) or D (Drive — with the O/D OFF switch not depressed) works, but shifts to a fourth gear — an overdrive gear — when your vehicle cruises at a constant speed for any length of time. This fourth gear will increase your fuel economy when you travel at cruising speeds.

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, shift into D (Drive) or press the O/D OFF switch (if equipped).
If the O/D OFF indicator light (if equipped) is flashing on and off when the vehicle is started or does not come on when the O/D OFF switch is pressed, it means there is a malfunction in your transaxle's electronic system. Contact your dealer as soon as possible or damage to the transaxle may occur.

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

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

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 O/D 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 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, it means that there is a transaxle electronic system...
Driving

malfunction. You should contact your dealer as soon as possible or damage to the transaxle could occur.

2 (Second - if equipped)
Use 2 (Second) for start-up on slippery roads or to give you more engine braking to slow your vehicle on downgrades.

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 61 km/h (38 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.

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 passengers or aftermarket equipment.

- **Payload**: Combined maximum allowable weight of cargo, passengers 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 total weight of the base vehicle, passengers, optional equipment and cargo. The GVWR is specific to each vehicle and is listed on the Safety Compliance 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 Compliance Label on the driver's door pillar.
• **GCWR (Gross Combined Weight Rating)**: Maximum combined weight of towing vehicle (including passengers and cargo) and the trailer. The GCWR indicates the maximum loaded weight that the vehicle is designed to tow.

• **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 passengers and cargo) is permitted to tow. It is determined by subtracting the weight of the loaded trailer towing vehicle from the GCWR for the towing vehicle.

• **Trailer Weight Range**: Specified weight range that the trailer must fall within that ranges from zero to the maximum trailer weight rating. Remember to figure in the tongue load of your loaded trailer when figuring the total weight.

⚠️ Do not exceed the GVWR or the GAWR specified on the Safety Compliance 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.
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 (truck)/wheel rims (car).

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.

TRAILER TOWING

Your vehicle is classified as a light duty towing vehicle. The amount of weight you can safely tow depends on the type of engine you have in your vehicle. Your vehicle does not come from the factory fully equipped to tow. No towing packages are available through Ford or Mercury/Lincoln dealers. Do not tow a trailer until your vehicle has been driven at least 800 km (500 miles). If towing with a station wagon, inflate the rear tires to 35 psi.

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

The amount of weight that you can tow depends on the type of engine in your vehicle. See the following charts:
## Driving

### 3.0L 2-Valve Vulcan Engine

<table>
<thead>
<tr>
<th>Model</th>
<th>Passenger Load-#/kg (lbs.)</th>
<th>Luggage Load-kg (lbs.)</th>
<th>Max Trailer Wt.-kg (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sedan</td>
<td>5/340 (750)</td>
<td>0</td>
<td>365 (800)</td>
</tr>
<tr>
<td></td>
<td>4/270 (600)</td>
<td>70 (150)</td>
<td>365 (800)</td>
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<tr>
<td></td>
<td>2/135 (300)</td>
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<tr>
<td></td>
<td>2/135 (300)</td>
<td>0</td>
<td>500 (1 100)</td>
</tr>
</tbody>
</table>

The above chart is based on the specified vehicle at a maximum GCW (Vehicle weight + Trailer weight) equal to 2 245 kg (4 950 lbs.).

### 3.0L 4-Valve Duratec Engine and SHO engine

<table>
<thead>
<tr>
<th>Model</th>
<th>Passenger Load-#/kg (lbs.)</th>
<th>Luggage Load-kg (lbs.)</th>
<th>Max Trailer Wt.-kg (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sedan</td>
<td>5/340 (750)</td>
<td>0</td>
<td>590 (1 300)</td>
</tr>
<tr>
<td></td>
<td>2/135 (300)</td>
<td>70 (150)</td>
<td>725 (1 600)</td>
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<td></td>
<td>2/135 (300)</td>
<td>0</td>
<td>795 (1 750)</td>
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<tr>
<td>Wagon</td>
<td>5/340 (750)</td>
<td>70 (150)</td>
<td>455 (1 000)</td>
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<tr>
<td></td>
<td>2/135 (300)</td>
<td>70 (150)</td>
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<tr>
<td></td>
<td>2/135 (300)</td>
<td>0</td>
<td>725 (1 600)</td>
</tr>
</tbody>
</table>

The above chart is based on the specified vehicle at a maximum GCW (Vehicle weight + Trailer weight) equal to 2 470 kg (5 450 lbs.).

⚠️ Do not exceed the GVWR or the GAWR specified on the Safety Compliance Certification Label.
Preparing to tow

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

**Hitches**

Do not use hitches that clamp onto the vehicle bumper. Use a load carrying hitch. You must distribute the load in your trailer so that 10 – 15% of the total weight of the trailer is on the tongue.

**Safety chains**

Always connect the trailer’s safety chains to the vehicle. 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.
Driving

**Trailer brakes**

Electric brakes and manual, automatic or surge-type 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**

Do not drive faster than 88 km/h (55 mph) when towing a trailer. Do not drive faster than 72 km/h (45 mph) with any weight on the trailer while towing on a hot day or in hilly country.

Speed control may shut off if you are towing on long, steep grades.

When towing a trailer:

- Use D (Drive) or a lower gear when towing up or down steep hills. This will eliminate excessive downshifting and upshifting for optimum fuel economy and transaxle cooling.
- Anticipate stops and brake gradually.
Servicing after towing

If you tow a trailer for long distances, your vehicle will require more frequent service intervals. Refer to the Severe Duty Schedule in your “Service Guide” for more information.

Trailer towing tips

- Practice turning, stopping and backing up in an area 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.
- 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.
- When stopped in traffic for long periods of time in hot weather, place the gearshift in P (Park) and increase idle speed. This aids engine cooling and air conditioner efficiency.
- 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.
Driving

Towing your vehicle behind another vehicle
At times, you may want to tow your vehicle behind another vehicle, such as a recreational vehicle, car or a truck.

Before you have your vehicle towed:
• Release the parking brake.
• Move the gearshift to N (Neutral).
• Turn the key in the ignition to OFF.
• Unlock the steering wheel.

Do not tow your vehicle at a speed faster than 56 km/h (35 mph) or for a distance greater than 80 km (50 miles), unless the drive wheels are placed on dollies.

Never use a tow bar that attaches to the bumper when you tow your vehicle. This could damage the bumper and cause an accident.

LUGGAGE RACK (IF EQUIPPED)
The rear crossbar can be adjusted to fit the item being carried. The front crossbar does not move. 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.
HAZARD LIGHTS CONTROL
Use only in an emergency to warn traffic of vehicle breakdown, approaching danger, etc. The hazard flashers can be operated when the ignition is off.

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

FUEL PUMP SHUT-OFF SWITCH
After a collision, if the engine cranks but does not start, the fuel pump shut-off switch may have been activated. The shut-off switch is a device intended to stop the electric fuel pump when your vehicle has been involved in a substantial jolt.

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 the button on the switch.
4. Turn the ignition to the ON 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.
If your vehicle is a sedan, the fuel pump shut-off switch is located on the right side of the trunk behind the trunk liner.

If your vehicle is a wagon, the fuel pump shut-off switch is located behind the service panel on the right side of the cargo area.

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.

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

<table>
<thead>
<tr>
<th>Fuse rating</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 amp</td>
<td>Tan</td>
</tr>
<tr>
<td>7.5 amp</td>
<td>Brown</td>
</tr>
<tr>
<td>10 amp</td>
<td>Red</td>
</tr>
<tr>
<td>15 amp</td>
<td>Light blue</td>
</tr>
<tr>
<td>20 amp</td>
<td>Yellow</td>
</tr>
<tr>
<td>20 amp fuse link</td>
<td>Light blue</td>
</tr>
<tr>
<td>25 amp</td>
<td>Natural</td>
</tr>
<tr>
<td>30 amp</td>
<td>Light green</td>
</tr>
<tr>
<td>30 amp fuse link</td>
<td>Pink</td>
</tr>
<tr>
<td>40 amp fuse link</td>
<td>Green</td>
</tr>
<tr>
<td>50 amp fuse link</td>
<td>Red</td>
</tr>
<tr>
<td>60 amp fuse link</td>
<td>Yellow</td>
</tr>
<tr>
<td>80 amp fuse link</td>
<td>Black</td>
</tr>
<tr>
<td>100 amp fuse link</td>
<td>Dark blue</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Fuse/Relay Location</th>
<th>Fuse Amp Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>—</td>
<td>Not Used</td>
</tr>
<tr>
<td>2</td>
<td>5A</td>
<td>Instrument Illumination</td>
</tr>
<tr>
<td>3</td>
<td>10A</td>
<td>Left Low Beam Headlamp</td>
</tr>
<tr>
<td>4</td>
<td>10A</td>
<td>Right Low Beam Headlamp</td>
</tr>
<tr>
<td>5</td>
<td>5A</td>
<td>Brake Shift Interlock, Rear Defrost</td>
</tr>
<tr>
<td>6</td>
<td>15A</td>
<td>MLPS Switch, Backup Lamps, Speed Control</td>
</tr>
<tr>
<td>7</td>
<td>10A</td>
<td>MLPS Switch, Starter Relay</td>
</tr>
<tr>
<td>8</td>
<td>5A</td>
<td>Power Antenna, RCU, GEM</td>
</tr>
<tr>
<td>9</td>
<td>10A</td>
<td>ABS</td>
</tr>
<tr>
<td>10</td>
<td>20A</td>
<td>PCM Relay, Ignition Coil, PATS, Radio</td>
</tr>
<tr>
<td>11</td>
<td>5A</td>
<td>Instrument Cluster</td>
</tr>
<tr>
<td>12</td>
<td>5A</td>
<td>Instrument Cluster, Autolamps, Transmission Control Switch, ICP, GEM</td>
</tr>
<tr>
<td>13</td>
<td>5A</td>
<td>Air Bag, Blower Motor, EATC</td>
</tr>
<tr>
<td>14</td>
<td>5A</td>
<td>Air Suspension</td>
</tr>
<tr>
<td>15</td>
<td>10A</td>
<td>Multi-Function Switch (Turn Signal)</td>
</tr>
<tr>
<td>16</td>
<td>—</td>
<td>Not Used</td>
</tr>
<tr>
<td>17</td>
<td>30A</td>
<td>Front Wiper/Washer</td>
</tr>
<tr>
<td>18</td>
<td>5A</td>
<td>Headlamp Switch</td>
</tr>
<tr>
<td>19</td>
<td>15A</td>
<td>Rear Wiper/Washer</td>
</tr>
<tr>
<td>20</td>
<td>5A</td>
<td>ICP, RAP, Phone</td>
</tr>
<tr>
<td>21</td>
<td>20A</td>
<td>Cigar Lighter</td>
</tr>
<tr>
<td>22</td>
<td>5A</td>
<td>Power Mirrors, Power Antenna, Decklid Lamps, Autolamp</td>
</tr>
<tr>
<td>23</td>
<td>5A</td>
<td>GEM, RAP, PATS</td>
</tr>
</tbody>
</table>
## Roadside emergencies

<table>
<thead>
<tr>
<th>Fuse/Relay Location</th>
<th>Fuse Amp Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td>5A</td>
<td>ICP, RCC, Speedometer</td>
</tr>
<tr>
<td>25</td>
<td>10A</td>
<td>Data Link Connector</td>
</tr>
<tr>
<td>26</td>
<td>15A</td>
<td>Trunklid</td>
</tr>
<tr>
<td>27</td>
<td>10A</td>
<td>Battery Saver Relay</td>
</tr>
<tr>
<td>28</td>
<td>15A</td>
<td>Speed Control, Stop Lamp</td>
</tr>
<tr>
<td>29</td>
<td>15A</td>
<td>Multi-Function Switch, Hazard</td>
</tr>
<tr>
<td>30</td>
<td>15A</td>
<td>High Beams, Daytime Running Lamps, Instrument Cluster</td>
</tr>
<tr>
<td>31</td>
<td>—</td>
<td>Not Used</td>
</tr>
<tr>
<td>32</td>
<td>10A</td>
<td>ICP, Heated Mirrors</td>
</tr>
<tr>
<td>33</td>
<td>5A</td>
<td>Power Windows, Lock Illumination</td>
</tr>
<tr>
<td>Relay 34</td>
<td>—</td>
<td>Battery Saver Relay</td>
</tr>
<tr>
<td>Relay 35</td>
<td>—</td>
<td>Driver Door Unlock Relay</td>
</tr>
<tr>
<td>Relay 36</td>
<td>—</td>
<td>Rear Defroster Relay</td>
</tr>
<tr>
<td>Relay 37</td>
<td>—</td>
<td>Interior Lamp Relay</td>
</tr>
<tr>
<td>Relay 38</td>
<td>—</td>
<td>One Touch Window Down Relay</td>
</tr>
<tr>
<td>Relay 39</td>
<td>—</td>
<td>Accessory Delay Relay</td>
</tr>
</tbody>
</table>

### Power distribution box

The power distribution box is located in the engine compartment near the battery. The power distribution box contains high-current fuses that protect your vehicle’s main electrical systems from overloads.
Always disconnect the battery before servicing high current fuses.

Always replace the cover to the Power Distribution Box before reconnecting the battery or refilling fluid reservoirs.

The high-current fuses are coded as follows.

<table>
<thead>
<tr>
<th>Fuse/Relay Location</th>
<th>Fuse Amp Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>40A**</td>
<td>Fuse Panel</td>
</tr>
<tr>
<td>2</td>
<td>30A**</td>
<td>PCM Relay</td>
</tr>
<tr>
<td>3</td>
<td>40A**</td>
<td>Ignition Switch, Starter Relay</td>
</tr>
<tr>
<td>4&lt;sup&gt;1&lt;/sup&gt;</td>
<td>30A C.B.</td>
<td>Accessory Delay Relay, Power Windows</td>
</tr>
<tr>
<td>4&lt;sup&gt;1&lt;/sup&gt;</td>
<td>30A C.B.</td>
<td>Accessory Delay Relay, Power Windows, Left/Right Power Seats</td>
</tr>
<tr>
<td>5</td>
<td>40A**</td>
<td>Ignition Switch</td>
</tr>
<tr>
<td>6&lt;sup&gt;1&lt;/sup&gt;</td>
<td>30A**</td>
<td>Left/Right Power Seats</td>
</tr>
<tr>
<td>6&lt;sup&gt;1&lt;/sup&gt;</td>
<td>--</td>
<td>Not Used</td>
</tr>
<tr>
<td>Fuse/Relay Location</td>
<td>Fuse Amp Rating</td>
<td>Description</td>
</tr>
<tr>
<td>---------------------</td>
<td>----------------</td>
<td>--------------------------------------------------------------</td>
</tr>
<tr>
<td>7</td>
<td>40A**</td>
<td>Rear Window Defrost Relay</td>
</tr>
<tr>
<td>8</td>
<td>30A**</td>
<td>Thermactor Air ByPass Solenoid, EAM Solid State Relay</td>
</tr>
<tr>
<td>9</td>
<td>40A**</td>
<td>High Speed Cooling Fan Relay, Low Speed Cooling Fan Relay</td>
</tr>
<tr>
<td>10</td>
<td>20A**</td>
<td>Fuel Pump Relay</td>
</tr>
<tr>
<td>11</td>
<td>40A**</td>
<td>Blower Motor Relay</td>
</tr>
<tr>
<td>12</td>
<td>20A**</td>
<td>Semi-Active Ride Control Module</td>
</tr>
<tr>
<td>13</td>
<td>40A**</td>
<td>Anti-Lock Brake Module</td>
</tr>
<tr>
<td>14</td>
<td>—</td>
<td>Not Used</td>
</tr>
<tr>
<td>15</td>
<td>15A*</td>
<td>Daytime Running Lamps (DRL) Module</td>
</tr>
<tr>
<td>16</td>
<td>10A*</td>
<td>Air Bag Diagnostic Monitor</td>
</tr>
<tr>
<td>17</td>
<td>20A*</td>
<td>Rear Control Unit, CD Changer</td>
</tr>
<tr>
<td>18</td>
<td>30A*</td>
<td>Anti-Lock Brake Module</td>
</tr>
<tr>
<td>19</td>
<td>15A*</td>
<td>Horn Relay, Powertrain Control Module (PCM)</td>
</tr>
<tr>
<td>20</td>
<td>15A*</td>
<td>Headlamp Switch, Autolamp Park Relay</td>
</tr>
<tr>
<td>21</td>
<td>—</td>
<td>Not Used</td>
</tr>
<tr>
<td>22</td>
<td>30A*</td>
<td>Autolamps Relay, Multi-Function Switch, Headlamp Switch</td>
</tr>
<tr>
<td>23</td>
<td>—</td>
<td>Blower Motor Relay</td>
</tr>
<tr>
<td>24</td>
<td>—</td>
<td>Starter Relay</td>
</tr>
<tr>
<td>25</td>
<td>—</td>
<td>A/C Clutch Relay</td>
</tr>
<tr>
<td>26</td>
<td>30A*</td>
<td>Generator/Voltage Regulator</td>
</tr>
<tr>
<td>27</td>
<td>10A*</td>
<td>A/C Clutch Relay</td>
</tr>
<tr>
<td>28</td>
<td>15A*</td>
<td>Heated Oxygen Sensors, Canister Vent</td>
</tr>
</tbody>
</table>
### Roadside emergencies

<table>
<thead>
<tr>
<th>Fuse/Relay Location</th>
<th>Fuse Amp Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>29</td>
<td>—</td>
<td>Fuel Pump Relay</td>
</tr>
<tr>
<td>30</td>
<td>—</td>
<td>PCM Relay</td>
</tr>
<tr>
<td>31</td>
<td>—</td>
<td>Low Speed Cooling Fan Relay</td>
</tr>
<tr>
<td>32</td>
<td>—</td>
<td>PCM Diode</td>
</tr>
<tr>
<td>33</td>
<td>—</td>
<td>A/C Clutch Diode</td>
</tr>
<tr>
<td>34</td>
<td>—</td>
<td>Not Used</td>
</tr>
</tbody>
</table>

* Mini Fuses ** Maxi Fuses

1 Fuses 4 and 6 will vary depending on date of vehicle build.

**Relays**

Relays are located in the power distribution box and should be replaced by qualified technicians.

**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.

**Temporary spare tire information**

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

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

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

Removing and replacing wheel covers

**Center wheel cover**

1. Pry the center ornament off the wheel cover with the lug wrench. Pry only at the notch. Do not use a screwdriver or any other tool as this may damage the wheel cover surface finish.

2. Remove the center bolt on the wheel cover with the lug wrench tip.
3. To remove the wheel cover, pry it loose by inserting the tapered end of the lug wrench between the wheel cover and wheel.

To replace the wheel cover:

1. One of the windows on the wheel cover is identified with a valve stem logo on the back side of the wheel cover. Install the wheel cover over the wheel with the window at the valve stem.

2. Hold the wheel cover in this position and press the cover onto the wheel with the palm of your hand. Do not force or hammer the cover.

3. Attach the bolt to the pedestal through the center hole on the cover with the lug wrench.

4. Align the legs of the center ornament with the slots of the wheel cover. Reinstall the ornament by pressing with the palm of your hand. Do not hammer or force the cover.

**Anti-theft lug nuts (if equipped)**

If your vehicle is equipped with this feature, one of the lug nuts on each wheel must be removed and replaced with a special key. The key and registration card are attached to the lug wrench and stored with the spare tire. If you lose the key, send the registration card to the manufacturer (not the dealer) to get a replacement key. If the lug wrench/lug nut key assembly is lost, see your nearest Ford or Lincoln/Mercury dealer who has access to the master set of keys. **Do not use an impact wrench with the anti-theft key.**
Removing the anti-theft lug nut

1. Insert the key over the locking lug nut. Make sure you hold the key square to the lug nut. If you hold the key at an angle, you could damage the key and the lug nut.

2. Place the lug nut wrench over the lug nut key and apply pressure on the key with the wrench.

3. Turn the wrench in a counterclockwise direction to remove the lug nut.

Reinstalling the anti-theft lug nut

1. Insert the key over the locking lug nut.

2. Place the lug nut wrench over the lug nut key and apply pressure on the key with the wrench.

3. Install the lug nut.

Tire change procedure

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

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

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.
Roadside emergencies

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

2. Place gearshift lever in P (Park), block the diagonally opposite wheel, then remove the spare tire, jack and lug wrench.
   - In the sedan, these are located in the trunk cargo area storage compartment.
   - In the wagon, they are stored in the left side rear trim panel for the temporary spare and in the floor cargo area storage compartment for the full size spare.

3. Loosen each wheel lug nut one-half turn counterclockwise but do not remove them until the wheel is raised off the ground.
4. Put the jack in the jack notch next to the door of the tire you are changing. Turn the jack handle clockwise until the wheel is completely off the ground.

5. Remove the lug nuts with the lug wrench.

6. 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.

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

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

9. Return the flat tire, jack and lug wrench to their proper storage locations. Make sure the jack is fastened so it does not rattle when you drive.

10. Unblock the wheels.
Roadside emergencies

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.

Do not push start your vehicle. You could damage the catalytic converter.

Batteries contain sulfuric acid which burns skin, eyes, and clothing.

Preparing your vehicle

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.

The preferred locations of an exposed metal part (to ground the circuit) are the alternator mounting brackets or an engine lifting eye. 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. Be sure that the cables are clear of fan blades, belts and other moving parts of both engines.
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 a further 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.
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.
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.

A towing manual is available from Ford Motor Company for all authorized tow truck operators. Have your tow truck driver refer to this manual for proper hook-up and towing procedures for your vehicle.
SERVICE RECOMMENDATIONS

To help you service your vehicle:

- We highlight do-it-yourself items in the engine compartment for easy location.
- We provide a “Service Guide” which makes tracking routine service easy.

If your vehicle requires professional service, your dealership can provide 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, avoid wearing loose clothing, jewelry or long hair that could 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 in this chapter.

Working with the engine off

1. Set the parking brake, and ensure the gearshift is securely latched in 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.

⚠️ 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 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 until the lift cylinders hold it open.
IDENTIFYING COMPONENTS IN THE ENGINE COMPARTMENT

3.0L V6 Vulcan engine

1. Automatic transmission fluid dipstick
2. Brake fluid reservoir
3. Air filter assembly
4. Battery
5. Engine oil filler cap
6. Engine oil dipstick
7. Power steering fluid reservoir
8. Engine coolant reservoir
9. Windshield washer fluid reservoir
1. Automatic transmission fluid dipstick
2. Brake fluid reservoir
3. Air filter assembly
4. Battery
5. Engine oil filler cap
6. Engine oil dipstick
7. Engine coolant reservoir
8. Windshield washer fluid reservoir
9. Power steering fluid reservoir
Maintenance and care

3.4L-32V V8 SHO engine

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

Checking the engine oil
Refer to the "Service 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 ADD and FULL marks or between the MIN and MAX marks (depending on application), the oil level is acceptable. DO NOT ADD OIL.
Maintenance and care

- If the oil level is below the ADD or MIN mark, add enough oil to raise the level within the ADD-FULL or within the MIN-MAX range.

- Oil levels above the F in FULL or above the MAX mark, may cause engine damage. Some oil must be removed from the engine by a service technician.

7. Put the indicator back in and ensure it is fully seated.

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 F in FULL mark on the dipstick.
Engine oil and filter recommendations

Look for this certification mark.

Ford oil specification is WSS-M2C153-G.
Use SAE 5W-30 motor oil certified for gasoline engines by the American Petroleum Institute.
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 “Service Guide”.
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, startup 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.
Maintenance and care

BRAKE FLUID

Checking and adding brake fluid

Brake fluid should be checked and refilled as needed. Refer to the “Service 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 until the level reaches MAX. Do not fill above this line.
4. Use only a DOT 3 brake fluid certified to meet Ford specifications. Refer to Lubricant specifications in the Capacities and specifications chapter.

⚠️ Brake fluid is toxic.

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

⚠️ Do not let the reservoir for the master cylinder run dry. This may cause the brakes to fail.
WINDSHIELD WASHER FLUID

Checking and adding washer fluid

Check the washer fluid whenever you stop for fuel. The reservoir is highlighted with a 🚔 symbol.

If the level is low, add enough fluid to fill the reservoir. In very cold weather, do not fill the reservoir all the way.

⚠️ Do not put engine coolant in the container for the windshield washer fluid.

Checking and adding washer fluid for the liftgate (if equipped)

The opening for the reservoir is located on the passenger side under the tail lamp. Refill this reservoir with the same fluid you use for your windshield.

ENGINE COOLANT

Check the level of the engine coolant in the reservoir. Refer to the “Service Guide” for service interval schedules. Be sure to read and understand Precautions when servicing your vehicle in this chapter.
Maintenance and care

If the engine coolant has not been checked at the above recommended interval, the engine coolant reservoir may become empty. If this occurs, add engine coolant to the reservoir. For more information on engine coolant maintenance, refer to Adding engine coolant in this chapter.

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

Do not put engine coolant in the reservoir for the windshield washer fluid.

Do not mix conventional green coolant, orange coolant or recycled coolants together in your vehicle. Use only the type of coolant that your vehicle was originally equipped with. If you are unsure which type of coolant your vehicle requires, contact your local dealer.

If sprayed on the windshield, engine coolant could make it difficult to see through the windshield.

When the engine is cool, add a 50/50 mixture of engine coolant and water to the engine coolant reservoir. Add straight water only in an emergency, but you should replace it with a 50/50 mixture of coolant and distilled water as soon as possible.

Check the coolant level in the coolant reservoir the next few times you drive the vehicle. If necessary, add enough of a 50/50 mixture of coolant and water to bring the liquid level to the fill line on the reservoir.
Never remove the coolant reservoir cap while the engine is running or hot.

If you must remove the coolant reservoir 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.

Change your engine coolant according to the appropriate schedule listed in the “Service Guide”.

Before adding engine coolant, check the color of the coolant in your vehicle.

For vehicles with green coolant, use Ford Premium Cooling System Fluid E2FZ-19549–AA (in Canada, Motorcraft CXC-8–B) or an equivalent premium engine coolant that meets Ford specification ESE-M97B44–A.

Do not add orange coolant or recycled coolant to your vehicle originally equipped with conventional green coolant.

For vehicles with orange coolant, use Ford Extended Life Engine Coolant F6AZ-19544–AA or a DEX-COOL® equivalent that meets Ford specification WSS-M97B44–D.

Do not add conventional green coolant or recycled coolant to your vehicle originally equipped with orange coolant.

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 cooling system. The use of an improper coolant may void your warranty of your vehicle's engine cooling system.

**Recycled engine coolant**

Ford Motor Company recommends that Ford and Lincoln-Mercury dealers use recycled engine coolant produced by Ford-approved processes.

For vehicles with green coolant, not all coolant recycling processes produce coolant which meets Ford specification ESE-M97B44–A, and use of such coolant may harm engine and cooling system components.

For vehicles with orange coolant, no recycling process has been approved at this time and use of such coolant 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 the *Capacities and specifications* chapter.

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.

**Severe winter climate**

If you drive in extremely cold climates (less than –36°C [–34°F]), it may be necessary to increase the coolant concentration above 50%. Refer to the chart on the coolant container to ensure the coolant concentration in your vehicle is such that the coolant will not freeze at the temperature level in which you drive during winter months. Never
increase the engine coolant concentration above 60%. Leave a 50/50 mixture of engine coolant and water in your vehicle year-round in non-extreme climates.

CHECKING AND ADDING POWER STEERING FLUID

Check the power steering fluid. Refer to the “Service 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.
Perform steps 4 and 5 following the procedure for your engine.

3.0L Vulcan engine

4. Check the fluid level on the dipstick. It should be between the arrows in the FULL HOT range. Do not add fluid if the level is within this range.
Maintenance and care

5. If the fluid is low, add fluid in small amounts, continuously checking the level until it reaches the FULL HOT range. Be sure to put the dipstick back in the reservoir.

3.0L Duratec engine and 3.4L SHO engine

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 within 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.

TRANSMISSION FLUID

Checking automatic transmission fluid

Refer to your “Service 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.

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 and room 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]).
Maintenance and care

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/or dipstick handle and also in the Lubricant specifications section in the Capacities and specifications chapter.

Use of a non-approved automatic transmission fluid may cause internal transmission 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.

Battery
Your vehicle is equipped with a Motorcraft maintenance-free battery which normally does not require additional water during its life of service.
However, for severe usage or in high temperature climates, check the battery electrolyte level. Refer to the “Service Guide” for the service interval schedules.

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.

**Keep the electrolyte level in each cell up to the “level indicator”. Do not overfill the battery cells.**

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. Reinstall the cables when you are done cleaning them, and apply a small quantity of grease to the top of each battery terminal to help prevent corrosion.

**If your battery has a cover/shield, make sure it is reinstalled after the battery has been cleaned or replaced.**

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**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.

Because your vehicle’s engine is electronically controlled by a computer, some control conditions are maintained by power from the battery. When the battery is disconnected or a new battery is installed, the engine must relearn its idle conditions before your vehicle will drive properly. To begin this process:

1. Set your parking brake.
2. Put the gearshift in P (Park), turn off all accessories and start the engine.
3. Let the engine idle for at least one minute.
4. The relearning process will automatically complete as you drive the vehicle.
   • If you do not allow the engine to relearn its idle, the idle quality of your vehicle may be adversely affected until the idle is eventually relearned.
Maintenance and care

- 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 authorized recycling center to find out more about recycling automotive batteries.

CABIN AIR FILTER (IF EQUIPPED)

The cabin air filter restricts the entry of airborne dust and pollen particles. The filter is located just in front of the windshield under the cowl vent screen on the passenger side of the vehicle.
To replace the filter, perform the following procedure:
1. Release and open the hood.

2. Rotate and remove the four push pins located on the cowl vent screen.

3. Remove the three push-on clips.
4. Remove the two screws retaining the cowl top inner panel shield, then the shield.

5. Remove the filter. Reverse the procedure to install the new filter.

**WINDSHIELD WIPER BLADES**

Check the wiper blades 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.

INFORMATION ABOUT TIRE QUALITY GRADES

New vehicles are fitted with tires that have their Tire Quality Grade (described below) molded into the tire's sidewall. 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 grade 150 would wear one and one-half (1 1/2) times as well on the government course as a tire grade 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 A B C
The traction grades, from highest to lowest are A, B, and C, and they represent the tire's ability to stop on wet pavement as measured under 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 braking (straight ahead) traction tests and does not include cornering (turning) traction.
Temperature A B C

The temperature grades are A (the highest), B, and C, representing the tire’s resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel. Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The grade C corresponds to a level of performance which all passenger car tires must meet under the Federal Motor Vehicle Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law.

The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, underinflation, or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure.

SERVICING YOUR TIRES

Checking the tire pressure

- Use an accurate tire pressure gauge.
- Check the tire pressure when tires are cold, after the vehicle has been parked for at least one hour or has been driven less than 5 km (3 miles).
- Adjust tire pressure to recommended specifications found on the tire pressure label inside the glove compartment door.
Improperly inflated tires can affect vehicle handling and can fail suddenly, possibly resulting in loss of vehicle control.

**Tire rotation**

Because your vehicle’s tires perform different jobs, they often wear differently. To make sure your tires wear evenly and last longer, rotate them as indicated in the “Service 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.

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 snow tires and chains, it is recommended that steel wheels are used of the same size and specifications as those originally installed.

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.
- Do not use tire chains if your vehicle is equipped with P225/55ZR16 tires.
- 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.
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.

⚠️ If you do not use the proper fuel cap, the pressure in the fuel tank can damage the fuel system or cause it to work improperly in a collision.

⚠️ The fuel system may be under pressure. If the fuel cap is venting vapor or if you hear a hissing sound, wait until it stops before completely removing the cap.

⚠️ Automotive fuels can cause serious injury or death if misused or mishandled.

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.
Maintenance and care

- 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.

Fuel Filler Cap

Your fuel tank filler cap has an indexed design with a one-eighth turn on/off feature.

When fueling your vehicle:
1. Turn the engine off.
2. Carefully turn the filler cap counterclockwise 1/8 of a turn until it stops.
3. Pull to remove the cap from the fuel filler pipe.
4. To install the cap, align the tabs on the cap with the notches on the filler pipe.
5. Turn the filler cap clockwise 1/8 of a turn until it stops.

If the “Service Engine Soon/Check Engine” indicator comes on and stays on when you start the engine, the fuel filler cap may not be properly installed. Turn off the engine, remove the fuel filler cap and reinstall it being careful to align the cap properly.

**If you must replace the fuel filler cap, replace it with an authorized Motorcraft part. The customer warranty may be void for any damage to the fuel tank or fuel system if an authorized 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, the pressure in the fuel tank can damage the fuel system or cause it to work improperly in a collision.
Choosing the right fuel

Use only UNLEADED FUEL. The use of leaded fuel is prohibited by law and could damage your vehicle. Your vehicle was not designed to use fuel or fuel additives with metallic compounds, including manganese-based compounds containing (MMT).

Vehicles certified to meet California emission standards (indicated on the underhood Vehicle Emissions Control Information label) are designed to operate on California reformulated gasolines. If California reformulated gasoline is not available when you refuel, your vehicle can be operated on non-California fuels. However, even though your engine will perform adequately on other gasolines, the performance of the emission control devices and systems may be adversely affected.

Repair of damage caused by using a fuel for which your vehicle was not designed may not be covered by your warranty.

Octane recommendations

3.0L V6 Vulcan and Duratec engines

Your vehicle is designed to use “Regular” unleaded gasoline with an \((\text{R+M})/2\) 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.
3.4L-32V V8 SHO engine

Your vehicle is designed to use “Premium” gasoline with an \((R+M)/2\) octane rating of 91 or higher for optimum performance. Gasolines with lower octane ratings can be used, but performance may decrease. We do not recommend the use of gasolines labeled as “Premium” in high altitude areas that are sold with octane ratings of less than 91.

Do not be concerned if your engine sometimes knocks lightly. However, if it knocks heavily under most driving conditions while you are using fuel with the recommended octane rating, see your dealer or a qualified service technician to prevent any engine damage.

Fuel quality

If you are experiencing starting, rough idle or hesitation driveability problems during a cold start, try a different brand of gasoline. “Premium” unleaded gasoline should not be used (particularly in the United States) if “Regular” unleaded gasoline is recommended because it may cause these problems to become more pronounced. If the problems persist, see your dealer or a qualified service technician.

The American Automobile Manufacturers Association (AAMA) issued a fuel specification to provide information on high quality fuels that optimize the performance of your vehicle. We recommend the use of fuels that meet the AAMA specification if they are available.

It should not be necessary to add any aftermarket products to your fuel tank if you continue to use a high-quality fuel.
Cleaner air
Ford approves the use of gasolines to improve air quality, including reformulated gasolines that contain oxygenates up to 10% ethanol or 15% MTBE.

Do not use gasolines containing methanol, which can damage critical fuel system components. Damage resulting from the use of methanol may not be covered by your warranty.

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

If you have run out of fuel:
- You may need to crank the engine several times before the system starts to pump fuel from the tank to the engine.
- Your “Service Engine Soon” light may come on. For more information on the “Service Engine Soon” light, refer to the Instrumentation chapter.

Fuel Filter
Your vehicle is equipped with a fuel filter that is mounted on the underbody.

For fuel filter replacement, see your dealer or a qualified service technician. Refer to the “Service Guide” for the appropriate intervals for changing the fuel filter.

If you replace the fuel filter, replace it 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.

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 unleaded fuel.
- 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 “Service Guide” performed according to the specified schedule.

The scheduled maintenance items listed in the “Service 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.**

Lumination of the charging system warning light, “Service Engine Soon” light or the temperature warning light, fluid leaks, strange odors, smoke or loss of oil pressure, 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, items, 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 diagnostic (OBD-II) system. If your “Check Engine/Service Engine Soon” light is on, refer to the description in the *Warning Lights and Chimes* section of the *Instrumentation* 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 OBD-II system is reset to a “not ready for I/M test” condition. To ready the OBD-II system for I/M testing, a minimum of 30 minutes of city and highway driving is necessary as described below:

- First, at least 10 minutes of driving on an expressway or highway.
- Next, at least 20 minutes driving in stop-and-go, city-type traffic with at least four idle periods.

Allow the vehicle to sit for at least eight hours without starting the engine. Then, start the engine and complete the above driving cycle. The engine must warm up to its normal operating temperature. Once started, do not turn off the engine until the above driving cycle is complete.
EXTERIOR BULBS

Replacing exterior bulbs
Check the operation of the following lamps frequently:
• Headlamps
• Tail lamps
• Brakelamps
• High-mount brakelamp
• Turn signals
• Backup lamps
• License plate lamp
Do not remove lamp bulbs unless they will be replaced immediately. If a bulb is removed for an extended period of time, contaminants may enter the lamp housings and affect performance.

Replacing headlamp bulbs

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.

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

To remove the headlamp bulb:
1. Make sure headlamp switch is in OFF position, then open the hood. If you are replacing the driver side headlamp, unclip the electronic module on the right side of the battery and move it out of the way.
2. Locate the headlamp bulb through the hole in the upper radiator support assembly.
3. Release clip and disconnect the electrical connector from the bulb.

4. Remove the bulb retaining ring by rotating it counterclockwise (when viewed from the rear) about 1/8 turn to free it from the bulb socket, and slide the ring off the plastic base. Keep the ring to retain the new bulb.

5. With out turning, remove the old bulb from the lamp assembly by gently pulling it straight out of the lamp assembly.

To install the new bulb:

1. With the flat side of the bulb's plastic base facing upward, insert the glass end of the bulb into the lamp assembly. You may need to 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. Install 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.
High-mount brakelamp bulbs

The following procedure is for sedans only. For wagon, refer to a qualified technician.

1. Open trunk.
2. Inside trunk, locate access hole under the rear window.
3. Remove the bulb socket by rotating it 45 degrees and pulling it out of the lamp assembly.
4. Carefully pull bulb straight out of socket and push in new bulb.
5. To complete installation, follow the removal procedure in reverse order.

License plate lamp bulbs

To change the license plate bulbs:

Sedan

1. Remove two screws and the license plate lamp assembly from the rear bumper.
2. Remove bulb socket by turning counterclockwise.
3. Carefully pull the bulb out from the socket and push in the new bulb.
4. Install the lamp assembly on rear bumper with two screws.
Wagon

1. Remove screw and the license plate lamp assembly from liftgate.
2. Remove bulb socket by turning counterclockwise.
3. Carefully pull the bulb out from the socket and push in the new bulb.
4. Install the lamp assembly on liftgate with screw.

Replacing front parking lamp/turn signal bulbs
For bulb replacement, see a dealer or qualified technician.

Replacing tail lamp/backup bulbs
For bulb replacement, see a dealer or qualified technician.

REPLACING THE INTERIOR BULBS
Check the operation of the following interior bulbs frequently:
- interior overhead lamp
- map lamp

Using the right bulbs

<table>
<thead>
<tr>
<th>Function</th>
<th>Trade Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front side marker lamp</td>
<td>194</td>
</tr>
<tr>
<td>Front park/turn lamp</td>
<td>3457 NA</td>
</tr>
<tr>
<td>Headlamp</td>
<td>9007</td>
</tr>
<tr>
<td>Tail lamp/brake lamp</td>
<td>3157</td>
</tr>
<tr>
<td>Rear turn lamp</td>
<td>3456K</td>
</tr>
<tr>
<td>Backup lamp</td>
<td>3156</td>
</tr>
<tr>
<td>License plate lamp</td>
<td>168</td>
</tr>
</tbody>
</table>
### Maintenance and care

<table>
<thead>
<tr>
<th>Function</th>
<th>Trade Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>High-mount brake lamp</td>
<td>912</td>
</tr>
<tr>
<td>Rear side marker lamp</td>
<td>168</td>
</tr>
<tr>
<td>Cargo lamp (wagon)</td>
<td>211-2</td>
</tr>
<tr>
<td>Dome lamp</td>
<td>211-2</td>
</tr>
<tr>
<td>Dome/map lamp</td>
<td>578</td>
</tr>
<tr>
<td>Dome lamp/moon roof</td>
<td>208</td>
</tr>
<tr>
<td>Visor vanity lamp (passenger/driver)</td>
<td>74-194</td>
</tr>
<tr>
<td>Floor console</td>
<td>194</td>
</tr>
<tr>
<td>Luggage compartment lamp</td>
<td>906</td>
</tr>
<tr>
<td>Glove compartment</td>
<td>194</td>
</tr>
<tr>
<td>I/P ashtray lamp</td>
<td>194</td>
</tr>
<tr>
<td>To replace all instrument panel lights - see your dealer.</td>
<td></td>
</tr>
</tbody>
</table>

**AIMING THE HEADLAMPS**

Your vehicle is equipped with a Vehicle Headlamp Aim Device (VHAD) on each headlamp body. Each headlamp may be properly aimed in the horizontal direction (left/right) and the vertical position (up/down) using your VHAD system. The headlamps on your vehicle are properly aimed at the assembly plant.

A bubble (vertical indicator) that is not centered between the two black lines does not necessarily indicate out-of-aim headlamps. If your vehicle is not positioned on a level surface, the slope will be included in the level indicator. Therefore, vertical and horizontal headlamp adjustment should be performed only when beam direction appears to be incorrect.

You will need one 7 mm wrench or socket with ratchet to make the adjustments.

If the vehicle has been in an accident, the vehicle’s front structure should be properly aligned before aiming the headlamps.
Horizontal aim adjustment

1. Park the vehicle on a level surface.
2. With the hood open, locate the horizontal indicator and adjusting screw. Remove the protective cap to access the 7 mm adjusting screw head.
3. Turn the horizontal adjusting screw in the direction of the arrow to change the horizontal aim as shown.
4. Use a 7 mm wrench or socket to turn the horizontal adjusting screw until the “0” reference mark on the view dial is aligned with the rearward facing tab (as shown) on the plastic housing.

Vertical aim adjustment

1. Park the vehicle on a level surface.
2. With the hood open, locate the bubble level vertical aim indicator. It is visible when viewed from above center rear of the headlamp. Locate the vertical adjusting screw, located on the outboard side of the headlamp adjacent to the headlamp upper outboard attachment.
3. The “UP” and “DN” on the bubble label indicate the directional change (up or down) of the vertical aim.

4. Use a 7 mm wrench or socket to turn the vertical adjusting screw clockwise or counterclockwise until the bubble aligns with the “0” reference mark on the vertical indicator when viewed directly from above. Repeat the above procedures to the other headlamp, if necessary.

**CLEANING AND CARING FOR YOUR VEHICLE**

Refer to the “Customer Assistance Guide” for a list of Ford-approved cleaners, polishes and waxes.

**Washing your vehicle**

Wash your vehicle regularly with cold or lukewarm water. Never use strong detergents or soap. If your vehicle is particularly dirty, use a quality car wash detergent. Always use a clean sponge, washing glove or similar device and plenty of water for best results. To avoid spots, avoid washing when the hood is still warm, immediately after or during exposure to strong sunlight.

During winter months, it is especially important to wash the vehicle on a regular basis. Large quantities of dirt and road salt are difficult to remove and also cause damage to the vehicle.

Remove any exterior accessories, such as antennas, before entering a car wash. If you have wax applied to the vehicle at a commercial car wash, it is recommended that you clean the wiper blades and windshield as described in *Cleaning the wiper blades and windshield.*
After washing, apply the brakes several times to dry them.

**Waxing your vehicle**

Wax when water stops beading on the surface. This could be every three or four months, depending on operating conditions.

Use only carnauba or synthetic-based waxes. Use cleaning fluid or alcohol with a clean cloth to remove any bugs and tar before waxing vehicle. Use tar remover to remove any tar spots.

Avoid getting wax on the windshield. If you have wax applied at a commercial car wash, it is recommended that you clean the wiper blades and windshield as described in *Cleaning the wiper blades and windshield.*

**Repairing paint chips**

Minor scratches or paint damage from road debris may be repaired with touch-up paint, repair foil or aerosol paint spray from the Ford accessory line. Observe the application instructions on the products.

Remove particles such as bird droppings, tree sap, insect remains, tar spots, road salt and industrial fallout immediately.

**Cleaning the wheels**

Wash with the same detergent as the body of your vehicle. Do not use acid-based or alcohol-based wheel cleaners, steel wool, fuel or strong detergents. Never use abrasives that will damage the finish of special wheel surfaces. Use a tar remover to remove grease and tar.

**Cleaning the 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 with cold water to avoid cracking the engine block or other engine components.
• Cover the highlighted areas to prevent water damage when cleaning the engine.

3.0L Vulcan engine
3.0L Duratec engine

3.4L SHO engine

Never wash or rinse the engine while it is running; water in the running engine may cause internal damage.

Cleaning the engine
Cover the underhood electrical connections and terminals of your vehicle when cleaning the engine compartment. Avoid spraying or splashing cleaning solvents or detergent solutions on the terminals and connections. After the cleaning is completed and with the engine not running, remove the protective cleaning coverings. Exposing electrical connections and terminals to cleaning solvents and detergent solutions over a period of time can corrode them and result in electrical system damage and malfunctions.

Cleaning plastic exterior parts
Use vinyl cleaner for routine cleaning. Clean with a tar remover if necessary. Do not clean plastic parts with thinners, solvents or petroleum-based cleaners.
Cleaning the exterior lamps
Wash with the same detergent as the exterior of your vehicle. Use glass cleaner or tar remover if necessary.

To avoid scratching the lamps, do not use a dry paper towel, chemical solvents or abrasive cleaners.

Cleaning the wiper blades and windshield
If the wiper blades do not wipe properly, clean the wiper blade rubber element with undiluted windshield washer solution or a mild detergent. To avoid damaging the blades, do not use fuel, kerosene, paint thinner or other solvents.

If the wiper still does not wipe properly, this could be caused by substances on the windshield such as tree sap and some hot wax treatments used by commercial car washes. Clean the outside of the windshield with a non-abrasive cleanser such as the non-abrasive Bon-Ami® powder. Rinse thoroughly with clean water. **Do not** use abrasive cleansers on glass as they may cause scratches. The windshield is clean if beads do not form when you rinse it with water. The windshield and wiper blades should be cleaned on a regular basis, and blades or rubber elements replaced when worn.

Cleaning the instrument panel
Clean with a damp cloth, then dry with a dry cloth. Avoid cleaner or polish that increases the gloss of the upper portion of the instrument panel. The dull finish in this area helps protect the driver from undesirable windshield reflection.

Cleaning the interior fabric
Remove dust and loose dirt with a whisk broom or a vacuum cleaner. Remove fresh spots immediately. Do not use household or glass cleaners. These agents can stain and discolor the fabric. Use a mild soap and water solution if necessary.
Cleaning leather seats (if equipped)

For routine cleaning, wipe the surface with a soft, damp cloth. For more thorough cleaning, wipe the surface with a mild soap.

If the leather cannot be completely cleaned using a mild soap and water solution, the leather may be cleaned using a commercially available cleaning product “Tanners Preserve Leather Cleaner” and a 3M “Type T’ scrubbing pad by using the following steps;

The type of scrubbing pad is very critical because the common 3M “Scotch Brite” green pad is too aggressive and will damage the leather surface

- Spray a small amount of the leather cleaner on the pad and rub the area to be cleaned with the pad using a circular motion. Only clean 1/4 of the area at a time. For heavily soiled areas, spray the cleaner directly onto the leather (two squirts should be adequate) and rub with the pad. Repeat if necessary.
- Use a soft, damp cloth to remove the loosened dirt and foam.
- Dry with a soft cloth.

Do not use household cleaners, glass cleaner, alcohol solutions or cleaner intended for vinyl, rubber or plastics. These products can damage the leather.

In some instances, color or dye transfer can occur when wet clothing (wool, denim, leathers or other non-colorfast garments) comes in contact with leather upholstery. If this occurs, the leather should be cleaned immediately to avoid permanent staining.

“Tanners Preserve Leather Cleaner” (product number AS-300) is available from “First Brands” by calling 1–800–726–1001. This product may also be
available at many local automotive after market stores.

3M “Type T” Clean And Finish Scrubbing Pads (UPC 04011–01276) are available through your local 3M distributor. Call 1–800–742–9649 for the nearest distributor in your area.

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>PART NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Obtain Locally)</td>
<td>Tanners Preserve Leather Cleaner</td>
</tr>
<tr>
<td>(Obtain Locally)</td>
<td>3M ”Type T” Clean and Finish Scrubbing Pads</td>
</tr>
</tbody>
</table>

**Cleaning and maintaining the safety belts**

Clean the safety belts with a mild soap solution recommended for cleaning upholstery or carpets. Do not bleach or dye the belts, because these actions may weaken the belt webbing.

Check the safety belt system periodically to make sure there are no nicks, wear or cuts. If your vehicle has been involved in an accident, refer to the Safety belt maintenance section in the Seating and safety restraints chapter.

**Cleaning the built-in child seat (if equipped)**

Clean with mild soap and water. Do not use household cleaning products because they may weaken the safety belt webbing or damage the vinyl parts of the seat.

The child seat liner is removable and may be machine-washed and air dried.
### Capacities and specifications

**MOTORCRAFT PART NUMBERS**

<table>
<thead>
<tr>
<th>Component</th>
<th>3.0L V6 Vulcan engine</th>
<th>3.0L V6 Duratec engine</th>
<th>3.4L-32V V8 SHO engine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air filter</td>
<td>FA-1630</td>
<td>FA-1630</td>
<td>FA-1630</td>
</tr>
<tr>
<td>Fuel filter</td>
<td>FG-800-A</td>
<td>FG-800-A</td>
<td>FG-800-A</td>
</tr>
<tr>
<td>Battery (standard)</td>
<td>BXT-58R</td>
<td>BXT-36R</td>
<td>BXT-36R</td>
</tr>
<tr>
<td>Battery (optional)</td>
<td>BXT-36R</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Cabin air filter</td>
<td>FP-6</td>
<td>FP-6</td>
<td>FA-1628</td>
</tr>
<tr>
<td>Oil filter</td>
<td>FL-400-S</td>
<td>FL-820-S</td>
<td>FL-400-S</td>
</tr>
<tr>
<td>PCV valve</td>
<td>EV-228</td>
<td>EV-152</td>
<td>EV-234</td>
</tr>
<tr>
<td>Spark plugs*</td>
<td>AWSF-32P***</td>
<td>AWSF-32F</td>
<td>AWSF-32FM</td>
</tr>
</tbody>
</table>

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

** If a spark plug is removed for inspection, it must be reinstalled in the same cylinder. Cylinders No. 1, 2 and 3 have a “PG” suffix. Cylinders No. 4, 5 and 6 have a “P” suffix. If a spark plug needs to be replaced, use only spark plugs with the service part number suffix letter “P” as shown on the engine decal.
## Capacities and specifications

### REFILL CAPACITIES

<table>
<thead>
<tr>
<th>Fluid</th>
<th>Application</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brake fluid</td>
<td>All</td>
<td>Fill to line on reservoir</td>
</tr>
<tr>
<td>High Performance DOT 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Motor Vehicle Brake Fluid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Engine coolant</td>
<td>3.0L V6 Vulcan engine</td>
<td>11.0L (11.6 quarts)</td>
</tr>
<tr>
<td></td>
<td>3.0L V6 Duratec and 3.4L-32V V8 SHO engine</td>
<td>10.0L (10.6 quarts)</td>
</tr>
<tr>
<td>Engine oil (includes filter change)</td>
<td>3.0L V6 Vulcan engine</td>
<td>4.25L (4.5 quarts)</td>
</tr>
<tr>
<td>Motorcraft 5W30 Super Premium Motor Oil</td>
<td>3.0L V6 Duratec engine</td>
<td>5.2L (5.5 quarts)</td>
</tr>
<tr>
<td></td>
<td>3.4L-32V V8 SHO engine</td>
<td>6.1L (6.5 quarts)</td>
</tr>
<tr>
<td>Fuel tank capacity</td>
<td>All vehicles</td>
<td>60.6L (16.0 gallons)</td>
</tr>
<tr>
<td>Power steering fluid</td>
<td>Motorcraft MERCON® ATF</td>
<td>Keep in FULL range on dipstick</td>
</tr>
<tr>
<td></td>
<td>3.0L V6 Vulcan engine</td>
<td>Fill to line on reservoir</td>
</tr>
<tr>
<td></td>
<td>3.0L V6 Duratec and 3.4L-32V V8 SHO engine</td>
<td>Fill to line on reservoir</td>
</tr>
</tbody>
</table>
### Capacities and specifications

<table>
<thead>
<tr>
<th>Fluid</th>
<th>Ford Part Name</th>
<th>Application</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic transaxle - AX4N</td>
<td>Motorcraft MERCON®VATF</td>
<td>3.0L V6 Vulcan engine</td>
<td>12.8L (13.5 quarts)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3.0L V6 Duratec engine and 3.4L SHO engine</td>
<td>12.7L (13.4 quarts)</td>
</tr>
<tr>
<td>Automatic transaxle - AX4S</td>
<td>Motorcraft MERCON®VATF</td>
<td>3.0L V6 Vulcan engine</td>
<td>11.6L (12.2 quarts)</td>
</tr>
<tr>
<td>Windshield washer fluid - Front</td>
<td>Ultra-Clear Windshield Washer Concentrate</td>
<td>All</td>
<td>2.7L (90 oz.)</td>
</tr>
<tr>
<td>Windshield washer fluid - Rear</td>
<td>Ultra-Clear Windshield Washer Concentrate</td>
<td>Wagon</td>
<td>2.1L (70 oz.)</td>
</tr>
</tbody>
</table>

1 If your engine coolant is green in color, use Ford Premium Cooling System Fluid. If your coolant is orange in color, use Ford Extended Life Engine Coolant. Refer to *Lubricant Specifications.*
## LUBRICANT SPECIFICATIONS

<table>
<thead>
<tr>
<th>Items</th>
<th>Ford Part Name or equivalent</th>
<th>Ford Part Number</th>
<th>Ford Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Door latch, hood latch, auxiliary hood latch, seat tracks, trunk and liftgate latches</td>
<td>Multi-Purpose Grease</td>
<td>DOAZ-19584-AA or F5AZ-19G209-AA</td>
<td>ESA-M1C93-B or ESR-M1C159-A</td>
</tr>
<tr>
<td>Lock cylinders</td>
<td>Penetrating Lubricant</td>
<td>ESAZ-19A501-B</td>
<td>none</td>
</tr>
<tr>
<td>Automatic transaxle (AX4S and AX4N)</td>
<td>Motorcraft MERCON®V ATF</td>
<td>XT-5-QM</td>
<td>MERCON®V</td>
</tr>
<tr>
<td>Engine oil</td>
<td>Motorcraft 5W30 Super Premium Motor Oil</td>
<td>XO-5W30-QSP</td>
<td>WSS-M2C153-G and API Certification Mark</td>
</tr>
<tr>
<td>Constant velocity joints</td>
<td>CV Joint Grease (High Temp.)</td>
<td>E43Z-19590-A</td>
<td>ESP-M1C207-A</td>
</tr>
</tbody>
</table>
## Capacities and specifications

<table>
<thead>
<tr>
<th>Items</th>
<th>Ford Part Name or equivalent</th>
<th>Ford Part Number</th>
<th>Ford Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine coolant</td>
<td>Ford Premium Engine Coolant</td>
<td>E2FZ-19549-AA</td>
<td>ESE-M97B44-A</td>
</tr>
<tr>
<td></td>
<td>(green in color)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ford Extended Life Engine</td>
<td>F6AZ-19544-AA</td>
<td>WSS-M97B44-D or DEX-COOL® equivalent</td>
</tr>
<tr>
<td></td>
<td>Coolant (orange in color)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power steering fluid</td>
<td>Motorcraft MERCON® ATF</td>
<td>XT-2-QDX</td>
<td>MERCON®</td>
</tr>
<tr>
<td>Windshield washer fluid</td>
<td>Ultra-Clear Windshield</td>
<td>C9AZ-19550-AB</td>
<td>ESR-M17P5-A</td>
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<tr>
<td></td>
<td>Washer Concentrate</td>
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### ENGINE DATA

<table>
<thead>
<tr>
<th>Engine</th>
<th>3.0L V6 Vulcan engine</th>
<th>3.0L V6 Duratec engine</th>
<th>3.4L-32V V8 SHO engine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cubic inches</td>
<td>182</td>
<td>181</td>
<td>207</td>
</tr>
<tr>
<td>Horsepower</td>
<td>145 @ 5250 rpm</td>
<td>200 @ 5750 rpm</td>
<td>235 @ 6100 rpm</td>
</tr>
<tr>
<td>Torque</td>
<td>170 lb.-ft. @ 3250 rpm</td>
<td>200 lb.-ft. @ 4500 rpm</td>
<td>230 lb.-ft. @ 4800 rpm</td>
</tr>
<tr>
<td>Recommended fuel</td>
<td>87 octane</td>
<td>87 octane</td>
<td>91 octane</td>
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<tr>
<td>Firing order</td>
<td>1-4-2-5-3-6</td>
<td>1-4-2-5-3-6</td>
<td>1-5-4-2-6-3-7-8</td>
</tr>
</tbody>
</table>
### Capacities and specifications

<table>
<thead>
<tr>
<th>Engine</th>
<th>3.0L V6 Vulcan engine</th>
<th>3.0L V6 Duratec engine</th>
<th>3.4L-32V V8 SHO engine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spark plug gap</td>
<td>1.07-1.17 mm (0.042-0.046 inch)</td>
<td>1.3-1.4 mm (0.052-0.056 inch)</td>
<td>1.07-1.17 mm (0.042-0.046 inch)</td>
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<tr>
<td>Ignition system</td>
<td>EDIS</td>
<td>EDIS</td>
<td>EDIS</td>
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<tr>
<td>Compression ratio</td>
<td>9.3:1</td>
<td>10:1</td>
<td>10:1</td>
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### VEHICLE DIMENSIONS

<table>
<thead>
<tr>
<th>Vehicle dimensions</th>
<th>Sedan mm (in)</th>
<th>Wagon mm (in)</th>
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</thead>
<tbody>
<tr>
<td>(1) Overall length</td>
<td>5 016.5 (197.5)</td>
<td>5 069.8 (199.6)</td>
</tr>
<tr>
<td>(2) Overall width</td>
<td>1 854.2 (73.0)</td>
<td>1 854.2 (73.0)</td>
</tr>
<tr>
<td>(3) Overall height</td>
<td>1 399.5 (55.1)</td>
<td>1 463.0 (57.6)</td>
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<tr>
<td>(4) Wheelbase</td>
<td>2 755.9 (108.5)</td>
<td>2 755.9 (108.5)</td>
</tr>
<tr>
<td>(5) Track - Front</td>
<td>1 564.6 (61.6)</td>
<td>1 564.6 (61.6)</td>
</tr>
<tr>
<td>(5) Track - Rear</td>
<td>1 559.6 (61.4)</td>
<td>1 569.7 (61.8)</td>
</tr>
</tbody>
</table>
Capacities and specifications
Capacities and specifications
IDENTIFYING YOUR VEHICLE

Safety compliance label

The National Highway Traffic Safety Administration Regulations require that a Safety Compliance Certification Label be affixed to a vehicle and prescribe where the Safety Compliance Certification Label may be located. The Safety Compliance 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.

Engine number

The engine number (the last eight numbers of the vehicle identification number) is stamped on the engine block, transmission, frame and transfer case (if equipped).
REPORTING SAFETY DEFECTS (U.S. ONLY)

If you believe that your vehicle has a defect that 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 (202–366–0123 in the Washington D.C. area) or write to:

NHTSA
U.S. Department of Transportation
400 Seventh Street
Washington D.C. 20590

You can also obtain other information about motor vehicle safety from the Hotline.
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<th>Specification</th>
</tr>
</thead>
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<td>Recommended fuel-3.0L V6 engines</td>
<td>Unleaded fuel only - 87 octane</td>
</tr>
<tr>
<td>Recommended fuel-3.4L SHO V8 engine</td>
<td>Unleaded fuel only - 91 octane</td>
</tr>
<tr>
<td>Fuel tank capacity</td>
<td>60.6L (16 gallons)</td>
</tr>
<tr>
<td>Engine oil capacity (including filter change)</td>
<td></td>
</tr>
<tr>
<td>- 3.0L V6 Duratec engine</td>
<td>5.2L (5.5 quarts). Use Motorcraft 5W30 Super Premium Motor Oil, Ford specification WSS-M2C153-G.</td>
</tr>
<tr>
<td>- 3.4L V8 SHO engine</td>
<td>6.1L (6.5 quarts). Use Motorcraft 5W30 Super Premium Motor Oil, Ford specification WSS-M2C153-G.</td>
</tr>
<tr>
<td>Tire size and pressure</td>
<td>Refer to Safety Certification Label on driver's door panel. Inflate temporary spare to 60 psi.</td>
</tr>
<tr>
<td>Hood release</td>
<td>Pull handle under the left side of the instrument panel.</td>
</tr>
<tr>
<td>Coolant capacity (3.0L V6 Vulcan engine)¹</td>
<td>11.0L (11.6 quarts)</td>
</tr>
<tr>
<td>Coolant capacity (3.0L V6 Duratec and 3.4L V8 SHO engine)¹</td>
<td>10.0L (10.6 quarts)</td>
</tr>
<tr>
<td>Recommended fuel-3.0L V6 engines</td>
<td>Unleaded fuel only - 87 octane</td>
</tr>
<tr>
<td>Recommended fuel-3.0L V6 engines</td>
<td>Unleaded fuel only - 87 octane</td>
</tr>
<tr>
<td>Power steering fluid capacity-3.0L V6 Vulcan engine</td>
<td>Keep in FULL range on dipstick.</td>
</tr>
</tbody>
</table>

¹ Includes reserve.
### Filling station information

<table>
<thead>
<tr>
<th>Engine Type</th>
<th>Fluid Capacity</th>
<th>Recommended Fluid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power steering fluid</td>
<td>Fill to line on reservoir.</td>
<td></td>
</tr>
<tr>
<td>V6 Duratec and 3.4L V8 SHO engine</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Automatic transaxle capacity</td>
<td>12.8L (13.5 quarts). Use Motorcraft MERCON®V ATF.</td>
<td></td>
</tr>
<tr>
<td>(AX4N)-3.0L V6 Vulcan engine</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Automatic transaxle capacity</td>
<td>12.7L (13.4 quarts). Use Motorcraft MERCON®V ATF.</td>
<td></td>
</tr>
<tr>
<td>(AX4N)-3.0L V6 Duratec and 3.4L V8 SHO engine</td>
<td>11.6L (12.2 quarts). Use Motorcraft MERCON®V ATF.</td>
<td></td>
</tr>
</tbody>
</table>

1. If your engine coolant is green in color, use Ford Premium Cooling System Fluid. If your engine coolant is orange in color, use Ford Extended Life Engine Coolant. Refer to **Lubricant Specifications**.

Ensure correct automatic transmission fluid is used for a specific application. Check the container to verify the fluid is MERCON® and/or MERCON® V approved. Some fluids have been approved as meeting both MERCON® and MERCON® V requirements and will be labeled as such. Fluids labeled as meeting only MERCON® or only MERCON® V requirements must not be used interchangeably. DO NOT mix MERCON® and MERCON® V. Transmission fluid requirements are indicated on the dipstick or on the dipstick handle. Refer to your “Service Guide” to determine the correct service interval.