FORD **FIESTA Owner's Manual**



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ABOUT THIS MANUAL

Thank you for choosing Ford. We recommend that you take some time to get to know your vehicle by reading this manual. The more that you know about it, the greater the safety and pleasure you will get from driving it.

WARNING

Driving while distracted can result in loss of vehicle control, crash and injury. We strongly recommend that you use extreme caution when using any device that may take your focus off the road. Your primary responsibility is the safe operation of your vehicle. We recommend against the use of any handheld device while driving and encourage the use of voice-operated systems when possible. Make sure you are aware of all applicable local laws that may affect the use of electronic devices while driving.

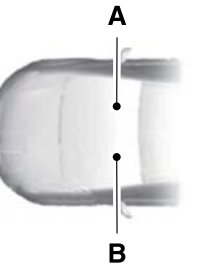
Note: *This manual describes product features and options available throughout the range of available models, sometimes even before they are generally available. It may describe options not fitted to your vehicle.*

Note: *Some of the illustrations in this manual may be used for different models, so may appear different to you on your vehicle. However, the essential information in the illustrations is always correct.*

Note: *Always use and operate your vehicle in line with all applicable laws and regulations.*

Note: *Pass on this manual when selling your vehicle. It is an integral part of the vehicle.*

This manual may qualify the location of a component as left-hand side or right-hand side. The side is determined when facing forward in the seat.



E154903

A Right-hand side
B Left-hand side

Protecting the Environment

You must play your part in protecting the environment. Correct vehicle usage and the authorized disposal of waste, cleaning and lubrication materials are significant steps toward this aim.

SYMBOLS GLOSSARY

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


Safety alert

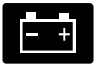

See Owner's Manual


Air conditioning system



Anti-lock braking system


Avoid smoking, flames or sparks


Battery


Battery acid


Brake fluid - non petroleum based


Brake system


Cabin air filter


Check fuel cap


Child safety door lock or unlock


Child seat lower anchor


Child seat tether anchor


Cruise control


Do not open when hot


Engine air filter


Engine coolant


Engine coolant temperature


Engine oil


Explosive gas


Fan warning


Fasten safety belt


Front airbag


Front fog lamps


Fuel pump reset


Fuse compartment


Hazard warning flashers


Heated rear window



Heated windshield


Interior luggage compartment release


Jack


Keep out of reach of children


Lighting control


Low tire pressure warning


Maintain correct fluid level


Note operating instructions


Panic alarm


Parking aid


Parking brake


Power steering fluid


Power windows front/rear


Power window lockout


Service engine soon


Side airbag


Shield the eyes


Stability control


Windshield wash and wipe

REPLACEMENT PARTS RECOMMENDATION

Your vehicle has been built to the highest standards using quality parts. We recommend that you demand the use of genuine Ford and Motorcraft parts whenever your vehicle requires scheduled maintenance or repair. You can clearly identify genuine Ford and Motorcraft parts by looking for the Ford, FoMoCo or Motorcraft branding on the parts or their packaging.

Scheduled Maintenance and Mechanical Repairs

One of the best ways for you to make sure that your vehicle provides years of service is to have it maintained in line with our recommendations using parts that conform to the specifications detailed in this Owner's Manual. Genuine Ford and Motorcraft parts meet or exceed these specifications.

Collision Repairs

We hope that you never experience a collision, but accidents do happen. Genuine Ford replacement collision parts meet our stringent requirements for fit, finish, structural integrity, corrosion protection and dent resistance. During vehicle development we validate these parts deliver the intended level of protection as a whole system. A great way to know for sure you are getting this level of protection is to use genuine Ford replacement collision parts.

Warranty on Replacement Parts

Genuine Ford and Motorcraft replacement parts are the only replacement parts that benefit from a Ford Warranty. Damage caused to your vehicle as a result of the failure of non-Ford parts may not be covered by the Ford Warranty. For additional information, refer to the terms and conditions of the Ford Warranty.

MOBILE COMMUNICATIONS EQUIPMENT

Using mobile communications equipment is becoming increasingly important in the conduct of business and personal affairs. However, you must not compromise your own or others' safety when using such equipment. Mobile communications can enhance personal safety and security when appropriately used, particularly in emergency situations. Safety must be paramount when using mobile communications equipment to avoid negating these benefits. Mobile communication equipment includes, but is not limited to, cellular phones, pagers, portable email devices, text messaging devices and portable two-way radios.

WARNING

Driving while distracted can result in loss of vehicle control, crash and injury. We strongly recommend that you use extreme caution when using any device that may take your focus off the road. Your primary responsibility is the safe operation of your vehicle. We recommend against the use of any hand-held device while driving and encourage the use of voice-operated systems when possible. Make sure you are aware of all applicable local laws that may affect the use of electronic devices while driving.

DATA RECORDING

A large number of electronic components of your vehicle contain data storage modules temporarily or permanently storing technical data about the condition of the vehicle, events and errors.

In general, this technical information documents the condition of parts, modules, systems or the environment:

- Operating conditions of system components (e.g. filling levels).
- Status messages of the vehicle and its individual components (e.g. number of wheel revolutions/rotational speed, deceleration, lateral acceleration).
- Malfunction and defects in important system components (e.g. lighting and brake system).
- Vehicle reactions in particular driving situations (e.g. inflation of an airbag, activation of the stability regulation system).
- Environmental conditions (e.g. temperature).

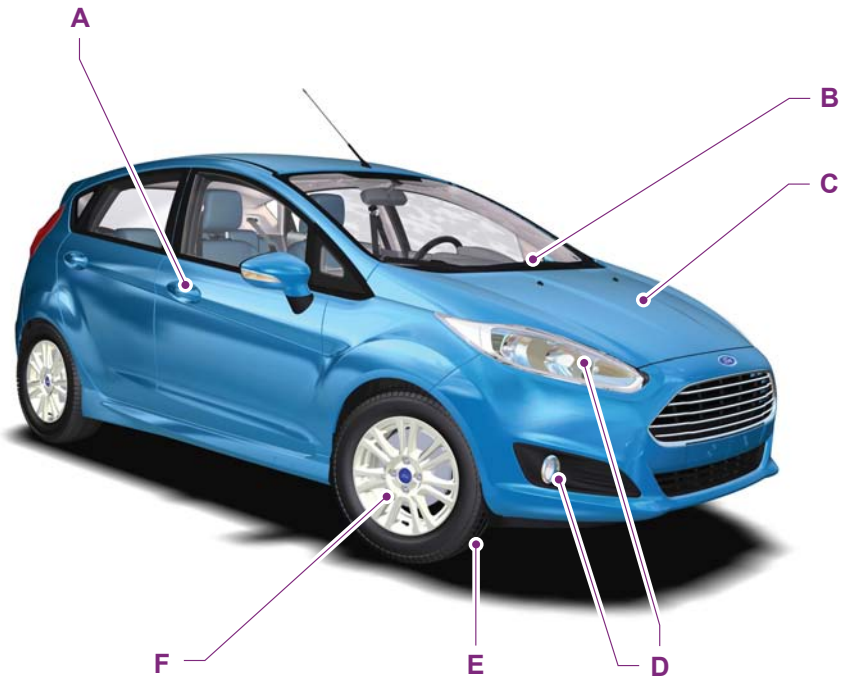
These data are exclusively technical and help identification and correction of errors as well as optimisation of vehicle functions. Motion profiles indicating travelled routes cannot be created with these data.

If services are used (e.g. repair works, service processes, warranty cases, quality assurance), employees of the service network (including manufacturers) are able to read out this technical information from the event and error data storage modules using special diagnostic devices. If required, you will receive further information. After an error has been corrected, these data are deleted from the error storage module or they are constantly overwritten.

When using the vehicle, situations may occur in which these technical data related to other information (accident report, damages on the vehicle, witness statements etc.) may be associated with a specific person - possibly, with the assistance of an expert.

Additional functions contractually agreed upon with the client (e.g. vehicle location in emergency cases) allow the transmission of particular vehicle data from the vehicle.

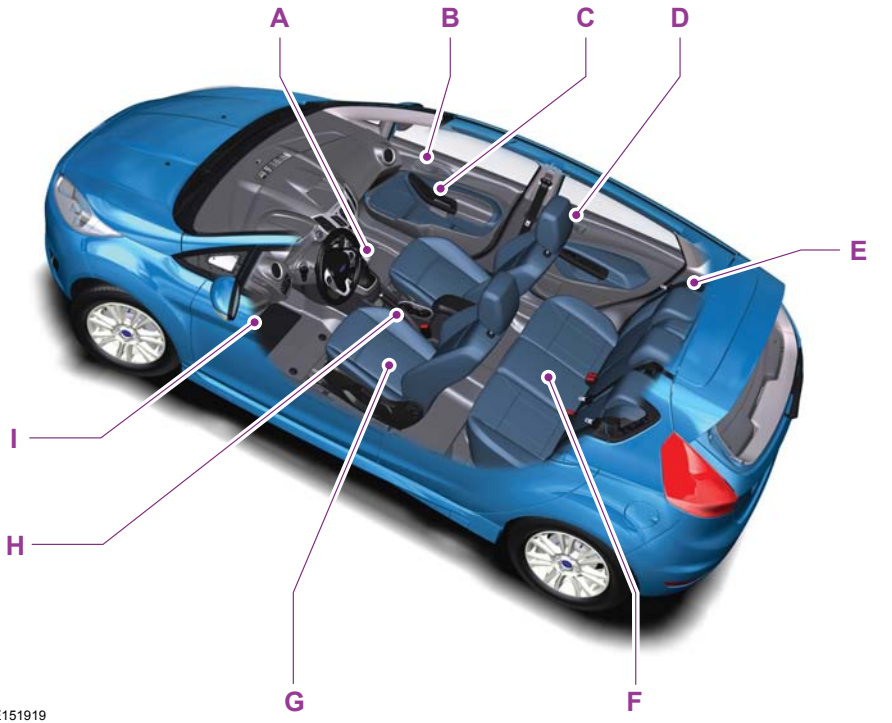
FRONT EXTERIOR OVERVIEW



E164556

A See **Locking and Unlocking** (page 30).
B See **Wipers and Washers** (page 37).
C See **Maintenance** (page 113).
D See **Changing a Bulb** (page 121).
E Tire pressures. See **Technical Specifications** (page 136).
F See **Changing a Road Wheel** (page 131).

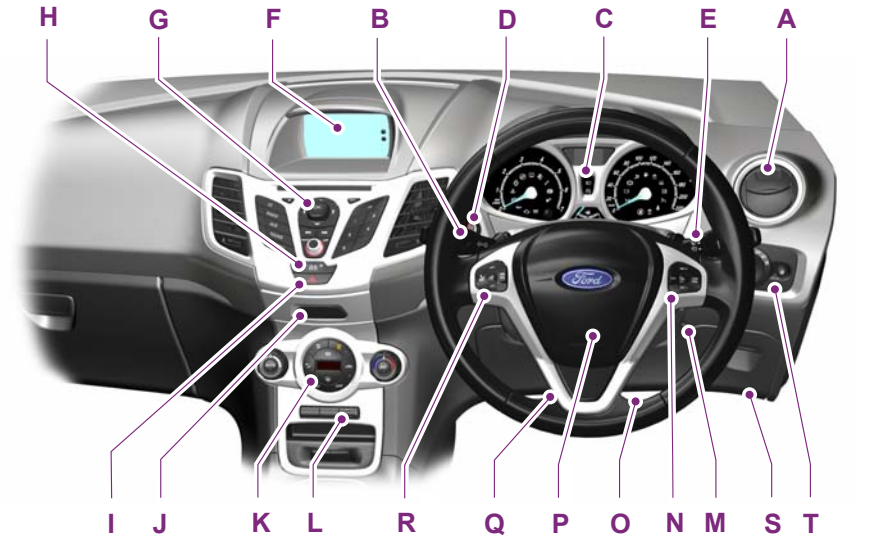
VEHICLE INTERIOR OVERVIEW



E151919

A See **Transmission** (page 82).
B See **Locking and Unlocking** (page 30).
C See **Power Windows** (page 43). See **Exterior Mirrors** (page 44).
D See **Head Restraints** (page 68).
E See **Fastening the Safety Belts** (page 20).
F See **Rear Seats** (page 70).
G See **Manual Seats** (page 69).
H See **Parking Brake** (page 87).
I See **Opening and Closing the Hood** (page 113).

INSTRUMENT PANEL OVERVIEW



E170361

A Air vents. See **Air Vents** (page 60).

B Direction indicators. See **Direction Indicators** (page 42). High beam. See **Lighting Control** (page 40).

C Instrument cluster. See **Gauges** (page 46). See **Warning Lamps and Indicators** (page 47).

D Start button. See **Starting and Stopping the Engine** (page 73).

E Wiper lever. See **Wipers and Washers** (page 37).

F Information and entertainment display. See **Information Displays** (page 51).

G Audio unit. See **Audio System** (page 142).

H Power door lock button. See **Locking and Unlocking** (page 30).

I Hazard warning flasher switch. See **Hazard Warning Flashers** (page 104).

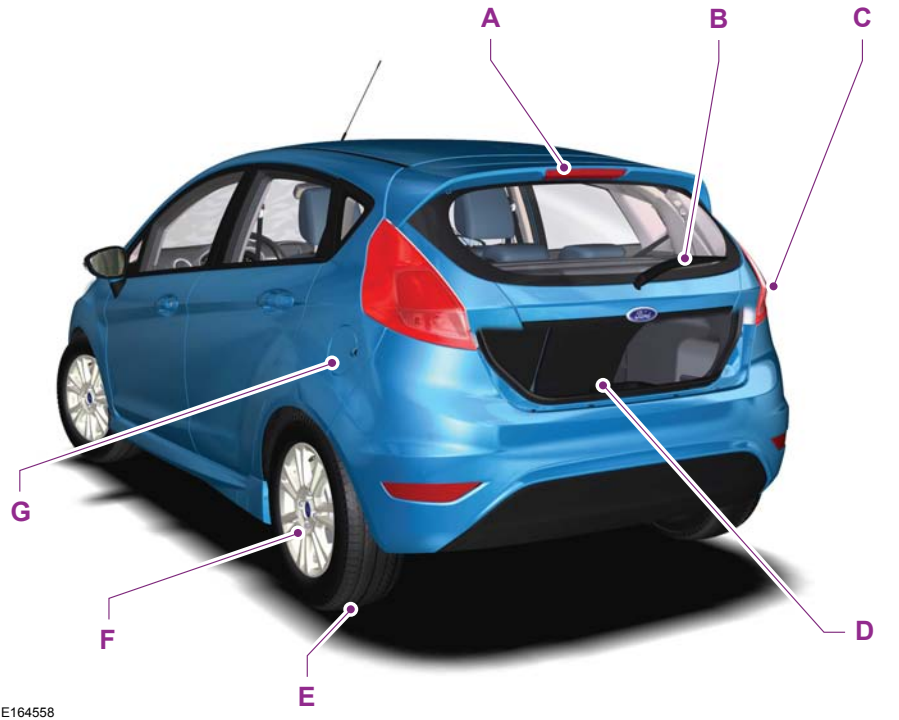
J Airbag warning lamp. See **Passenger Airbag** (page 24).

K Climate controls. See **Climate Control** (page 60).

K Heated rear window switch. See **Climate Control** (page 60).

L Parking aid switch. See **Parking Aids** (page 90).
M Ignition switch. See **Ignition Switch** (page 73).
N Cruise control switches. See **Using Cruise Control** (page 92).
O Driver knee airbag. See **Driver Knee Airbag** (page 25).
P Horn.
Q Steering wheel adjustment. See **Adjusting the Steering Wheel** (page 35).
R Audio control. See **Audio System** (page 142). Voice control. See **Voice Control** (page 36).
S Hood release lever. See **Opening and Closing the Hood** (page 113).
T Lighting control. See **Lighting** (page 40).

REAR EXTERIOR OVERVIEW



E164558

A See **Changing a Bulb** (page 121).
B See **Changing the Wiper Blades** (page 119).
C See **Changing a Bulb** (page 121).
D See **Warning Triangle** (page 104). Spare wheel, jack and wheel brace. See **Changing a Road Wheel** (page 131).
E Tire pressures. See **Technical Specifications** (page 136).
F See **Changing a Road Wheel** (page 131).
G See **Refueling** (page 79).

INSTALLING CHILD SEATS

WARNINGS

EXTREME HAZARD! Do not use a rearward facing child restraint on a seat protected by an airbag in front of it.

Incorrectly fitted child restraints may swing, tip or come away causing death or injury.

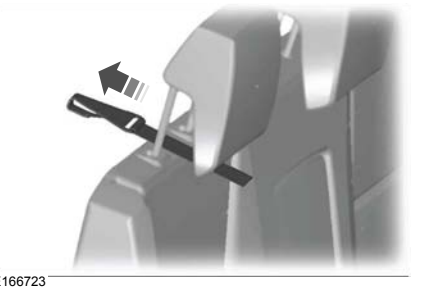
Do not use a child restraint if the tether strap falls into a split in the vehicle seat back or falls off the edge of the vehicle seat.

All child restraint systems, except some booster seats, are designed to be installed with the vehicle seat belt system and a top tether strap. Some booster seats only require the use of the vehicle lap-sash belts.

After installing a child restraint system, push and pull the system forward and back and from side to side to verify that it is secured.

Be sure to read and follow the instructions provided by the child restraint manufacturer. If you have any doubts contact the child restraint manufacturer or consult an approved Restraint Fitting Station. Your automobile club or local vehicle registration authority can provide location details of fitting stations.

When installing the child restraint attaching clip to the anchor fitting, raise the head restraint (where fitted) and pass the tether strap between the head restraint supports. This will prevent the tether strap from falling off the outboard edge of the seating positions.



E166723

Note: *Side curtain air bags will not interfere with a properly installed child restraint system or booster seat, because they are designed to inflate downward from the headliner above the doors along the side window openings.*

When a child restraint system is not being used, either remove it and store it in a safe place, or make sure it is properly secured. An unsecured child restraint system can be thrown around the vehicle in a collision or sudden stop and injure someone.

Child restraint anchorage locations

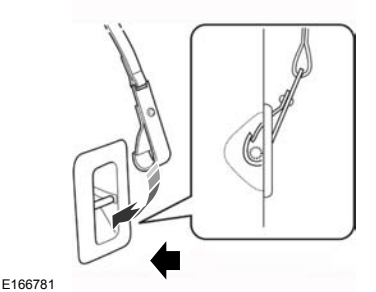
WARNING

Child restraint anchorages are designed to withstand only those loads imposed by correctly fitted child restraints. Under no circumstances are they to be used for adult seat belts, harnesses or for attaching other items or equipment to the vehicle.

Top tether anchor points

There are three child restraint anchor points, one for each rear seating position.


E166782


E166781

The anchor fittings are only suitable for child restraints conforming to Australian Standard AS1754-2004 or later. If your child restraint does not have an approved latched hook attaching clip as shown, you should consult an approved restraint fitting station.

WARNINGS

Always ensure that the attaching clip is properly engaged with the anchor fitting and the tether strap length is adjusted to remove any slack.

Incorrectly fitted child restraints may swing, tip or come away causing death or injury.

Always ensure that the locking mechanism of the rear seat back is fully engaged when in the upright position, by attempting to pull it down again.

Do not attach a tether strap to anything other than the correct tether anchor point.

Make sure that the top tether strap is not slack or twisted and is properly located on the anchor point.

Note: *Where applicable, remove the luggage cover to ease installation. See* ***Luggage Covers*** *(page 94).*

Note: *You may need to raise or remove the head restraint to ease installation. See* ***Head Restraints*** *(page 68).*

PROTECTING LARGER CHILDREN

The rear seats (where provided) are the safest place for children.

When a child outgrows the recommended weight or height limits for a forward facing child restraint system, the child should sit on a booster seat and wear a lap-sash seat belt. The raised seating position will allow you to position the shoulder strap of the adult seat belt over the centre of your child's shoulder and the lap strap tightly across its hips. A booster seat should be used until the child is tall enough for the lap-sash seat belt to fit properly.

Typical Booster Seat

WARNINGS

Never wear a seat belt across the neck. This could result in serious neck injury in the event of a collision.

Do not install a booster seat with only the lap strap of the safety belt.

Do not install a booster seat with a safety belt that is slack or twisted.

WARNINGS

Do not put the seat belt under your child's arm or behind its back.

Do not use pillows, books or towels to boost your child's height.

Make sure that your children sit in an upright position.

Note: *When using a child seat on a rear seat, make sure that the child seat rests tightly against the vehicle seat. It may be necessary to lift or remove the head restraint. See* ***Head Restraints*** *(page 68).*

Note: *If the lap-sash seat belt touches or crosses the child's neck, then the child needs a booster seat.*



E70710

CHILD SEAT POSITIONING

WARNINGS

Children must always be properly restrained.

This section provides useful information on the installation and safe use of child restraints. Ford strongly recommends that you read and understand this section before carrying children in your vehicle.

It is the driver's responsibility to ensure that the children are seated in suitable child restraints prescribed by the laws of the State or Territory in which the vehicle is operated.

If you are in any doubt about the laws that apply in your location, please consult your local Authorised Ford Dealer or Local Approved Child Restraint Fitting Station for assistance.

WARNING

EXTREME HAZARD! Do not use a rearward facing child restraint on a seat protected by an airbag in front of it.



E133140

WARNINGS

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

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

Read and follow the child restraint manufacturer's instructions when you are fitting a child restraint.

Do not alter or modify child restraints in any way

WARNINGS

Do not hold a child on your lap when the vehicle is moving.

Do not leave children unattended in your vehicle.

Destroy the child restraint if it has been in a severe crash, even if no damage is visible.

Selecting a child restraint system

To provide protection, a child restraint system should meet three requirements.

1. **The child restraint system complies with Australian Standard AS1754.** Infants and children must be properly restrained at all times in an approved child restraint which conforms to Australian Standards AS1754 - 2004 or later. Look for the Australian Standard Approval Mark on the child restraint.
2. **The child restraint must be suitable for the size and weight of the child and must be properly fitted and adjusted.** Rearward facing restraints are suitable for babies, and forward facing child restraints are suitable for small children. Use the child restraint exactly as shown in the instructions provided with the child restraint. If you have any doubts, contact the child restraint manufacturer or consult an approved Restraint Fitting Station.
3. **The child restraint system should fit the vehicle seating position (or positions) where it will be used.** Due to variations in the design of child restraint systems, vehicle seats and seat belts, all child restraint systems may not fit all seating positions. Before purchasing a child restraint system, it is recommended that the child restraint system is tested in the specific vehicle seating position (or positions) where it is intended to be used. If a previously purchased child restraint does not fit, you may need to purchase a different one that will fit.

CHILD SAFETY LOCKS

Manual Child Safety Locks

WARNING

You cannot open the doors from inside if you have put the child safety locks on.



E112197

The childproof locks are located on the rear edge of each rear door and must be set separately for each door.

Note: *On vehicles with keyless entry, use the spare key.*

Left-Hand Side

Turn counterclockwise to lock and clockwise to unlock.

Right-Hand Side

Turn clockwise to lock and counterclockwise to unlock.

PRINCIPLE OF OPERATION

WARNINGS

The wearing of a seat belt is a mandatory requirement. Seat belts should be properly fastened and adjusted before the vehicle is driven. Adjust the driver's seat position before fastening the seat belt.

Seat belts are designed to bear upon the bony structure of the body and should be worn low across the front of the pelvis or the pelvis, chest and shoulders, as applicable; wearing the lap section of the belt across the abdominal area must be avoided.

Wear a seat belt and keep sufficient distance between yourself and the steering wheel. Only when you use the seat belt properly, can it hold you in position to achieve its optimum effect. See **Sitting in the Correct Position** (page 67).

Never use a seat belt for more than one person; it is dangerous to put a belt around a child being carried on the occupant's lap.

Use the correct buckle for each seat belt.

Do not use a seat belt that is slack or twisted.

Do not wear thick clothing. The seat belt must fit tightly around your body to achieve its optimum effect.

Position the shoulder strap of the seat belt over the centre of your shoulder and position the lap strap tightly across your hips.

WARNINGS

Care should be taken to avoid contamination of the webbing with polishes, oils and chemicals, and particularly battery acid. Cleaning may safely be carried out using mild soap and water. The belt should be replaced if the webbing becomes frayed, contaminated or damaged.

No modifications or additions should be made by the user which will either prevent the seat belt adjusting devices from operating to remove slack, or prevent the seat belt assembly from being adjusted to remove slack.

The driver and front passenger seat belt systems are fitted with a seat belt pretensioner. Seat belt pretensioners have a lower deployment threshold than the airbags. During minor collisions, it is possible that only the seat belt pretensioners will deploy.

Status after a collision

WARNINGS

Seat belts subjected to strain, as a result of an accident, should be renewed and the anchorages checked by a properly trained technician.

If a seat belt pretensioner has been deployed, the seat belt must be renewed.

FASTENING THE SAFETY BELTS

WARNINGS

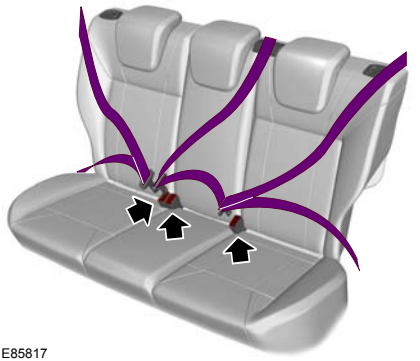
Insert the tongue into the buckle until you hear a distinct click. You have not fastened the safety belt correctly if you do not hear a click.

WARNINGS

Make sure that your safety belt is securely stored away and is not outside your vehicle when closing the door.



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E85817

Pull the belt out steadily. It may lock if you pull it sharply or if your vehicle is on a slope.

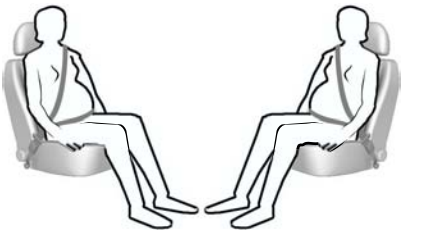
Press the red button on the buckle to release the belt. Hold the tongue and let it retract completely and smoothly to its stowed position.

Using Safety Belts During Pregnancy

The Australian National Health and Medical Research Council recommends that all pregnant women traveling in a motor vehicle wear the lap-sash seat belt with the buckle over the hip and the lap section of the belt as tight as comfort will allow, and as low as possible, below the abdomen.

WARNING

Never wear just the lap strap of a lap/shoulder diagonal seat belt and never sit on the lap strap using just the shoulder strap. Both of these actions are extremely dangerous and may increase your risk of serious injury.



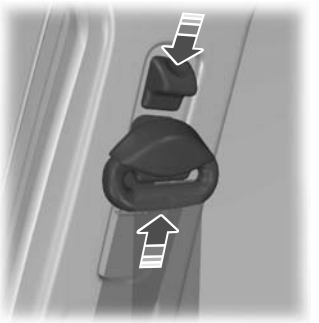
E68587

Pregnant women should always wear their safety belt. The lap belt portion of a combination lap and shoulder belt should be positioned low across the hips below the belly and worn as tight as comfort will allow. The shoulder belt should be positioned to cross the middle of the shoulder and the center of the chest.

SAFETY BELT HEIGHT ADJUSTMENT

WARNING

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



E104440

Adjust the height of the shoulder belt so the belt rests across the middle of your shoulder.

To adjust the shoulder belt height, press the button and slide the height adjuster up or down. Release the button and pull down on the height adjuster to make sure it is locked in place.

SAFETY BELT MINDER

WARNING

The system will only provide protection when you use the safety belt correctly.

The warning lamp illuminates and an audible warning will sound when the following conditions have been met:

- The front safety belts have not been fastened.
- Your vehicle exceeds a relatively low speed.

It will also illuminate when a front safety belt is unfastened when your vehicle is moving.

If you do not fasten your safety belt both the audible and visual warnings will switch off automatically after approximately five minutes.

Switching the Safety Belt Minder Off

See an authorized dealer.

PRINCIPLE OF OPERATION

WARNINGS

Extreme Hazard! Never use a rearward facing child restraint on a seat protected by an active airbag in front of it. Death or serious injury to the child can occur.

Do not fit a non-Ford approved bull bar to your vehicle as this may interfere with the operation of the restraint system, including the air bag deployment, and could result in injury to yourself and others. Fitment of a bull bar may also void the vehicle's compliance with Australian Design Rules.

Do not modify the front of your vehicle in any way. This could adversely affect deployment of the airbags. Failure to adhere to this warning could result in serious personal injury or death.

Do not fit any accessories on the front of the vehicle within 150 mm of the centre line of the vehicle as this may interfere with the operation of the front crash sensor.

Normal air flow to the radiator must not be affected when fog lamps, driving lamps or similiar equipment is fitted to the vehicle. Serious mechanical damage will occur.

Wear a safety belt and keep sufficient distance between yourself and the steering wheel. Only when you use the safety belt correctly, can it hold you in a position that allows the airbag to achieve its optimum effect. See **Sitting in the Correct Position** (page 67). Failure to adhere to this warning could result in serious personal injury or death.

WARNINGS

Repairs to the steering wheel, steering column, seats, airbags and safety belts must be carried out by an authorized dealer. Failure to adhere to this warning could result in serious personal injury or death.

Keep the areas in front of the airbags free from obstruction. Do not affix anything to or over the airbag covers. In the event of a crash, hard objects could cause serious personal injury or death.

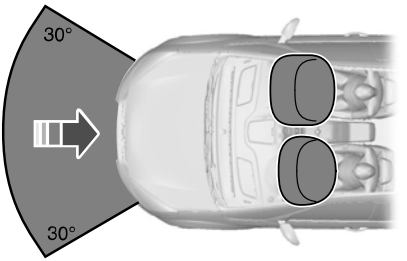
Do not puncture the seat with sharp objects. This could damage and adversely affect deployment of the airbags. Failure to adhere to this warning could result in serious personal injury or death.

Use seat covers designed for seats with side airbags. Have these fitted by an authorized dealer. Failure to adhere to this warning could result in serious personal injury or death.

Note: *You will hear a loud bang and see a cloud of harmless powdery residue if an airbag deploys. This is normal.*

Note: *Only wipe airbag covers with a damp cloth.*

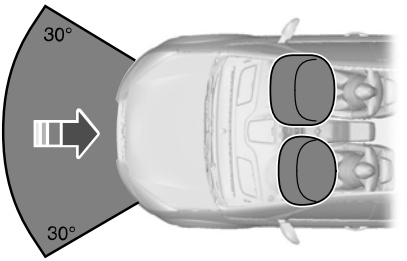
DRIVER AIRBAG



E74302

The airbag will deploy during significant frontal collisions or collisions that are up to 30 degrees from the left or the right. The airbag will inflate within a few thousandths of a second and deflate on contact with the occupant, thus cushioning forward body movement. During minor frontal collisions, overturns, rear collisions and side collisions, the airbag will not deploy.

PASSENGER AIRBAG



E74302

The airbag will deploy during significant frontal collisions or collisions that are up to 30 degrees from the left or the right. The airbag will inflate within a few thousandths of a second and deflate on contact with the occupant, thus cushioning forward body movement. During minor frontal collisions, overturns, rear collisions and side collisions, the airbag will not deploy.

SIDE AIRBAGS (IF EQUIPPED)

WARNING

Use seat covers designed for seats with side airbags. Have these fitted by an authorized dealer.



E72658

The airbags are located inside the seatback of the front seats. There is a label attached to the side of the seatback to indicate this.

The airbag will deploy during significant lateral collisions. The airbag will not deploy in minor lateral and frontal collisions, rear collisions, or overturns.

DRIVER KNEE AIRBAG (IF EQUIPPED)

WARNING

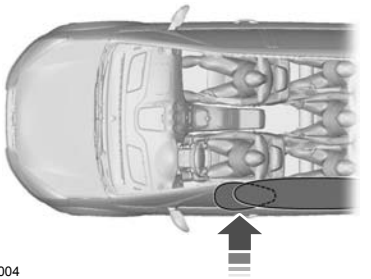
Do not attempt to open the airbag cover.

The airbag will deploy during frontal collisions or collisions that are up to 30 degrees from the left or the right. The airbag will inflate within a few thousandths of a second and deflate on contact with the occupants, thus providing a cushion between the driver's knees and the steering column. During overturns, rear collisions and side collisions, the knee airbag will not deploy.

For item location: See **Instrument Panel Overview** (page 12).

Note: *The airbag has a lower deployment threshold than the front airbags. During a minor collision, it is possible that only the knee airbag will deploy.*

SIDE CURTAIN AIRBAGS (IF EQUIPPED)



E75004

The airbags are located over the front and rear side windows.

The airbag will deploy during significant lateral collisions. It will also deploy during significant frontal angled collisions. The curtain airbag will not deploy in minor lateral and frontal collisions, rear collisions, or overturns.

GENERAL INFORMATION ON RADIO FREQUENCIES

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

The typical operating range for your transmitter is approximately 10 m.

A decrease in operating range could be caused by:

- weather conditions
- nearby radio towers
- structures around your vehicle
- other vehicles parked next to your vehicle.

The radio frequency used by your remote control can also be used by other short distance radio transmissions (e.g. amateur radios, medical equipment, wireless headphones, remote controls and alarm systems). If the frequencies are jammed, you will not be able to use your remote control. You can lock and unlock the doors with the key.

Note: *Make sure your vehicle is locked before leaving it unattended.*

Note: *If you are in range, the remote control will operate if you press any button unintentionally.*

REMOTE CONTROL

You can program a maximum of eight remote controls to your vehicle. This includes any that were supplied with your vehicle. The remote controls must remain inside your vehicle during the programming procedure. Fasten the front safety belts and close all doors to make sure that conflicting chimes do not sound during programming.

Programming a New Remote Control

1. Turn the ignition key from position **0** to position **II** four times within six seconds.
2. Turn the ignition to position **0**. A tone sounds to indicate that it is now possible to program a remote control.
3. Press any button on a new remote control within 10 seconds. A tone will sound as confirmation.
4. Repeat step three within 10 seconds for each new remote control. Do not remove the key from the ignition when pressing the button on the remote control.
5. Switch the ignition back on (position **II**) or wait for 10 seconds without programming another remote control to end the key programming. Only the remote controls which you have just programmed are now able to lock and unlock your vehicle.

Reprogramming the Unlocking Function

Note: *When you press the unlock button either all the doors are unlocked or only the driver's door and the liftgate are unlocked. Pressing the unlock button again unlocks all the doors.*

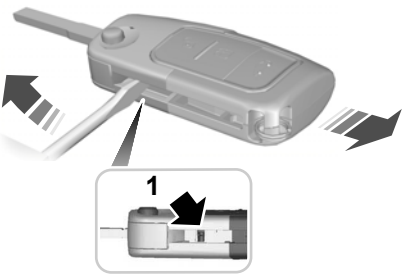
Press and hold the unlock and lock buttons on the remote control simultaneously for at least four seconds with the ignition off. The direction indicators will flash twice to confirm the change.

To return to the original unlocking function, repeat the process.

Changing the Remote Control Battery

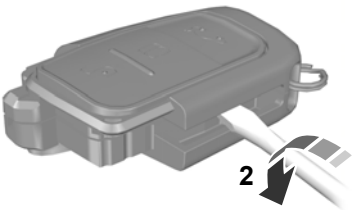
Make sure that you dispose of old batteries in an environmentally friendly way. Seek advice from your local authority regarding recycling.

Remote Control With a Folding Key Blade



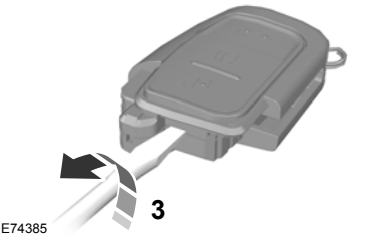
E74383

1. Insert a screwdriver as far as possible into the slot on the side of the remote control, push it toward the key blade and remove the key blade.



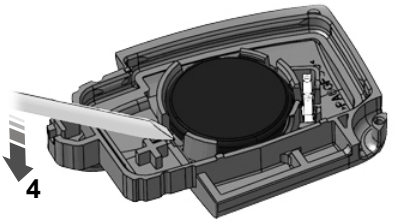
E74384

2. Twist the screwdriver in the position shown to start separating the two halves of the remote control.



E74385

3. Twist the screwdriver in the position shown to separate the two halves of the remote control.

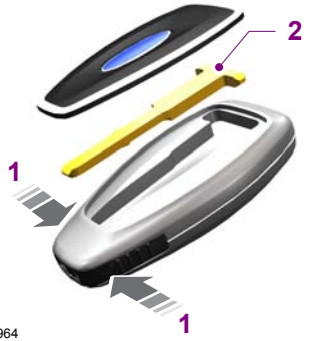


E126280

Note: *Do not touch the battery contacts or the printed circuit board with the screwdriver.*

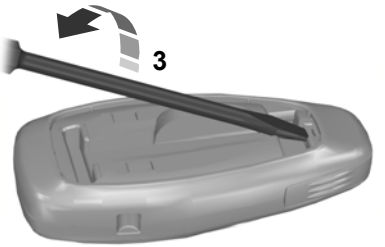
4. Carefully remove the battery with the screwdriver.
5. Install a new battery (3V CR 2032) with the **+** facing downwards.
6. Assemble the two halves of the remote control.
7. Install the key blade.

Remote Control Without a Folding Key Blade



E87964

1. Press and hold the buttons on the edges to release the cover. Carefully remove the cover.
2. Remove the key blade.



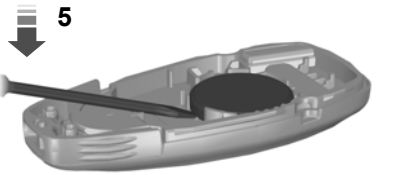
E105362

3. Twist the screwdriver in the position shown to start separating the two halves of the remote control.



E119190

4. Twist the screwdriver in the position shown to separate the two halves of the remote control.



E125860

Note: *Do not touch the battery contacts or the printed circuit board with the screwdriver.*

5. Carefully remove the battery with the screwdriver.
6. Install a new battery (3V CR 2032) with the + facing downwards.
7. Assemble the two halves of the remote control.
8. Install the key blade.

REPLACING A LOST KEY OR REMOTE CONTROL

Replacement or additional keys or remote controls can be purchased from an authorized dealer. Your dealer can program the remote controls for your vehicle or you may be able to program them yourself. See **Remote Control** (page 26).

To re-program the passive anti-theft system see an authorized dealer.

LOCKING AND UNLOCKING

Remote Control

The remote control can be used any time your vehicle is not running.

Unlocking the Doors

Note: *You can unlock the driver door with the key. Use the key when the remote control is not functioning.*

Note: *When you lock your vehicle for several weeks, the remote control will be switched off. Your vehicle must be unlocked and the engine started using the key. Unlocking and starting your vehicle once will enable the remote control.*

One-Stage Unlocking

Note: *This is the default setting with your remote control.*


Press the button to unlock all the doors.

The direction indicators will flash.

Two-Stage Unlocking


Press the button to unlock the driver door.

Press the button again within three seconds to unlock all doors.

The direction indicators will flash.

Reprogramming the Unlocking Function

You can reprogram the unlocking function using the remote control so that only the driver door is unlocked. This will enable two-stage unlocking. See **Remote Control** (page 26).

Locking the Doors


Press the button to lock all the doors. The direction indicators will flash twice.

Press the button again within three seconds to confirm that all the doors are closed. The doors will lock again, and the direction indicators will flash twice if all the doors and the luggage compartment are closed.

Note: *If any door or the luggage compartment is not closed, or if the hood is not closed on vehicles that have an anti-theft alarm or remote start, the direction indicators will not flash.*

Double Locking

WARNING


Do not use double locking when passengers or animals are inside your vehicle. You will not be able to unlock the doors from the inside if you have double locked them.

Double locking is a theft protection feature that prevents someone from opening the doors from the inside. You can only double lock the doors if the front doors are both closed.


Press the button twice within three seconds.

Automatic Re-locking

The doors will relock automatically if you do not open a door within 45 seconds of unlocking the doors with the remote control. The door locks and the alarm will return to their previous state.

Locking and Unlocking the Doors From Inside

Press the button to lock and unlock all the doors. For item location: See **Instrument Panel Overview** (page 12). The lamp illuminates with the doors locked.

Locking and Unlocking the Doors with the Key

Note: *Do not leave your keys in your vehicle.*

Locking with the Key

Turn the top of the key toward the front of your vehicle.

Double Locking with the Key

Turn the key to the lock position twice within three seconds.

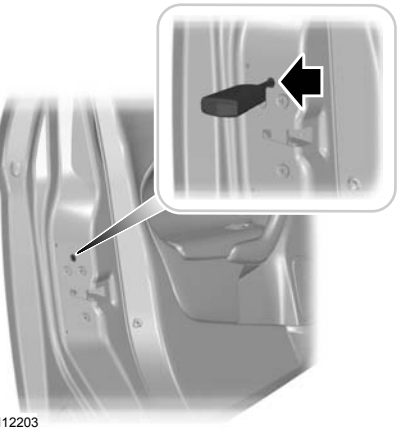
Unlocking with the Key

Turn the top of the key toward the rear of your vehicle.

Unlocking the Doors with the Interior Door Handles

You can unlock individual doors by pulling the relevant interior door handle. Pulling the driver interior door handle will unlock all the doors.

Emergency Locking with the Key



E112203

Left-Hand Side

Turn clockwise to lock.

Right-Hand Side

Turn counterclockwise to lock.

Note: *If the child safety locks are on and you pull the interior handle, you will only turn off the emergency locking, not the child safety lock. You can only open the doors using the external door handle.*

Note: *If the doors have been unlocked using this method, the doors must be locked individually until the central locking function has been repaired.*

Note: *When the central locking function fails to operate, lock the doors individually using the key in the position shown.*

MANUAL LIFTGATE

WARNINGS

It is extremely dangerous to ride in the cargo area, inside or outside of your 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 does not have seats and safety belts. Make sure everyone in your vehicle is in a seat and using a safety belt correctly.

Make sure that the liftgate is closed to prevent exhaust fumes from being drawn into your vehicle. This will also prevent passengers and cargo from falling out. If you must drive with the liftgate door open, keep your vehicle well ventilated so outside air does not enter your vehicle.

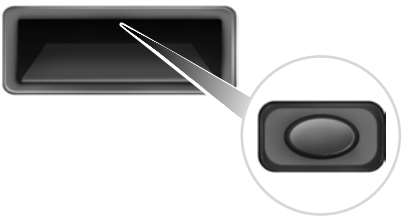
Note: *Be careful when opening or closing the liftgate in a garage or other enclosed area to avoid damaging the liftgate.*

Note: *Do not hang anything (bike rack, etc.) from the spoiler, glass or liftgate. This could damage the liftgate and its components.*

Note: *Do not leave the liftgate open while driving. This could damage the liftgate and its components.*

Opening and Closing the Liftgate

To Open the Liftgate



E138632

Press the button located in the top of the liftgate pull cup handle to unlatch the liftgate, then pull on the outside handle.

Opening With the Remote Control



Press the button twice within three seconds.

To Close the Liftgate



E89132

A recessed grip is located inside the liftgate to help with closing.

PASSIVE ANTI-THEFT SYSTEM

Principle of Operation

The system prevents someone from starting the engine with an incorrectly coded key.

Coded Keys

If you lose a key, you can obtain a replacement from an authorized dealer. If possible, provide them with the key number from the tag provided with the original keys. You can also obtain extra keys from an authorized dealer.

Note: *Have all of your remaining keys erased and recoded if you lose a key. Have replacement keys coded together with recoding your remaining keys. See an authorized dealer for further information.*

Note: *Do not shield your keys with metal objects. This may prevent the receiver from recognizing a coded key.*

Arming the Engine Immobilizer

After you switch the ignition off the engine immobilizer will arm automatically after a short time.

Disarming the Engine Immobilizer

When you switch the ignition on the engine immobilizer will disarm automatically if a correctly coded key is used.

If you are unable to start the engine and the message **Key not detected** is shown in the display, the key has not been recognized. Remove the key and try again.

If you are unable to start the engine with a correctly coded key, and the message **Immobiliser malfunction Service now** is shown in the display, this indicates a malfunction. Have your vehicle checked by an authorized dealer immediately.

ANTI-THEFT ALARM (IF EQUIPPED)

Alarm System

The perimeter alarm is a deterrent against unauthorized access to your vehicle through the doors and the hood. It also protects the audio unit.

Triggering the Alarm

Once armed, the alarm is triggered in any of the following ways:

- If someone opens a door, the liftgate or the hood without a valid key or remote control.
- If someone removes the audio or navigation system.
- If you switch the ignition on without a valid key.

If the alarm is triggered, the alarm horn will sound for 30 seconds and the hazard warning flasher will flash for five minutes.

Any further attempts to perform one of the above will trigger the alarm again.

Arming the Alarm

To arm the alarm, lock your vehicle. See **Locks** (page 30).

Disarming the Alarm

Vehicles Without Keyless Entry

Disarm and silence the alarm by unlocking the doors with the key and switching the ignition on with a correctly coded key or unlocking the doors with the remote control.

Vehicles with Keyless Entry

Note: *A valid passive key must be located within the detection range of that door for keyless entry.*

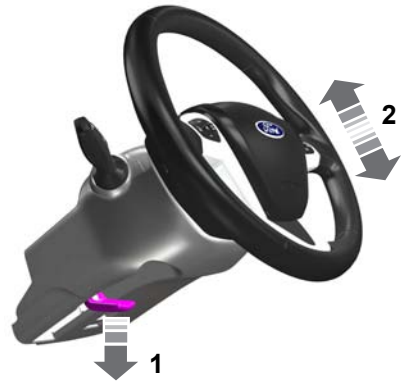
Disarm and silence the alarm by unlocking the doors and switching the ignition on or unlocking the doors with the remote control.

ADJUSTING THE STEERING WHEEL

WARNING

Do not adjust the steering wheel when your vehicle is moving.

Note: *Make sure that you are sitting in the correct position. See* ***Sitting in the Correct Position*** *(page 67).*



E161488

1. Unlock the steering column.
2. Adjust the steering wheel to the desired position.



E95179

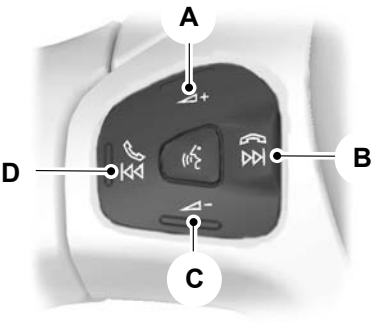
3. Lock the steering column.

Make sure that you fully engage the locking lever when returning it to its original position.

AUDIO CONTROL (IF EQUIPPED)

Select the required source on the audio unit.

You can operate the following functions with the control:



E141530

A	Volume up
B	Seek up, next or end call
C	Volume down
D	Seek down, previous or accept call

Seek, Next or Previous

Press the seek button to:

- tune the radio to the next or previous stored preset
- play the next or the previous track.

Press and hold the seek button to:

- tune the radio to the next station up or down the frequency band
- seek through a track.

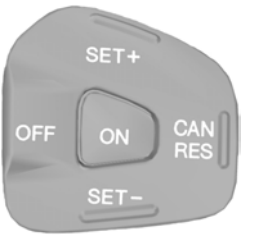
VOICE CONTROL (IF EQUIPPED)



E141533

Press the button to select or deselect voice control.

CRUISE CONTROL (IF EQUIPPED)



E141961

See **Cruise Control** (page 92).

WINDSHIELD WIPERS

Note: *Fully defrost the windshield before switching on the windshield wipers.*

Note: *Make sure the windshield wipers are switched off before entering a car wash.*

Note: *Install new wiper blades as soon as they begin to leave bands of water and smears on the windshield.*

Note: *Do not operate the wipers on a dry windshield. This may scratch the glass, damage the wiper blades or cause the wiper motor to burn out. Always use the windshield washers before wiping a dry windshield.*

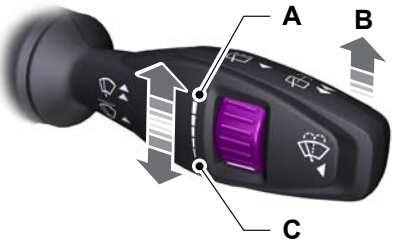


E102032

A Single wipe
B Intermittent wipe
C Normal wipe
D High speed wipe

Note: *If you press and hold the wiper lever in position A, the wipers will continue to wipe until you release the wiper lever.*

Intermittent Wipe



E102033

A Short wipe interval
B Intermittent wipe
C Long wipe interval

Use the rotary control to adjust the intermittent wipe interval.

Speed Dependent Wipers

When your vehicle speed increases, the interval between wipes will decrease.

AUTOWIPERS (IF EQUIPPED)

Note: *Fully defrost the windshield before switching on the windshield wipers.*

Note: *Make sure the windshield wipers are switched off before entering a car wash.*

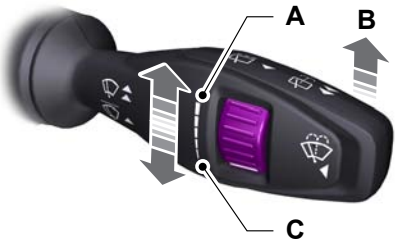
Note: *Clean the windshield and wiper blades if they begin to leave streaks or smears. If that does not resolve the issue, install new wiper blades.*

Note: *If you switch autolamps on in conjunction with autowipers, low beam headlamps will illuminate automatically when the rain sensor activates the windshield wipers continuously.*

Wet or winter driving conditions with ice, snow or salty road mist can cause inconsistent and unexpected wiping or smearing.

In these conditions, you can do the following to help keep your windshield clear:

- Lower the sensitivity of the autowipers.
- Change the wiper speed to normal or high speed wipe as necessary.
- Switch the autowipers off.



E102033

A	Maximum autowipe
B	On
C	Minimum autowipe

The wipers will function when water is detected on the windshield. The rain sensor will continue to monitor the amount of water on the windshield and adjust the speed of the wipers automatically. This feature can be switched on or off in the information display. See **General Information** (page 51).

Note: *When you switch this feature off, the wipers will return to the variable intermittent setting based on the sensitivity you have set.*

Use the rotary control to adjust the sensitivity of the rain sensor. On minimum autowipe, the wipers will operate when the sensor detects a large amount of water on the windshield. On maximum autowipe, the wipers will operate when the sensor detects a small amount of water on the windshield.

Keep the outside of the windshield clean. Sensor performance will be affected if the area around the interior mirror is dirty. The rain sensor is very sensitive and the wipers may operate if dirt, mist or flies hit the windshield.

WINDSHIELD WASHERS

Note: *Do not operate the washers when the washer reservoir is empty. This may cause the washer pump to overheat.*



E102051

Push the button to operate the washers. When you release the button, the wipers will operate for a short time.

REAR WINDOW WIPER AND WASHERS

Intermittent Wipe



E102052

Pull the lever toward you.

Reverse Gear Wipe

The rear wiper will turn on automatically when selecting reverse gear if:

- the rear wiper is not already switched on
- the wiper lever is in position A, B, C or D
- the front wiper is operating (when set to position B).

Rear Window Washer

Note: *Do not operate the washers when the washer reservoir is empty. This may cause the washer pump to overheat.*



E102053

Pull the lever toward you to operate the washers. They will operate for a maximum of 10 seconds. When you release the lever, the wiper will operate for a short time.

GENERAL INFORMATION

Condensation in Lamp Assemblies

Exterior lamps have vents to accommodate normal changes in air pressure.

Condensation can be a natural by-product of this design. When moist air enters the lamp assembly through the vents, there is a possibility that condensation can occur when the temperature is cold. When normal condensation occurs, a fine mist can form on the interior of the lens. The fine mist eventually clears and exits through the vents during normal operation.

Clearing time may take as long as 48 hours under dry weather conditions.

Examples of acceptable condensation are:

- The presence of a fine mist (no streaks, drip marks or large droplets).
- A fine mist covers less than 50% of the lens.

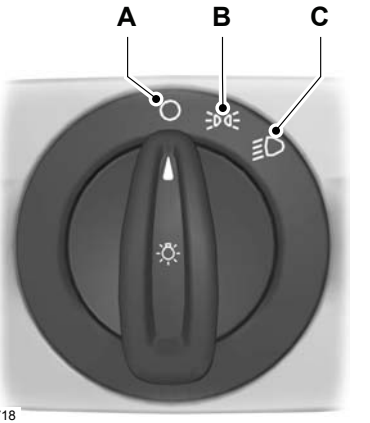
Examples of unacceptable condensation are:

- A water puddle inside the lamp.
- Streaks, drip marks or large droplets present on the interior of the lens.

If you see any unacceptable condensation, have your vehicle checked by an authorized dealer.

LIGHTING CONTROL

Lighting Control Positions



E70718

A Off

B Parking lamps, instrument panel lamps, license plate lamps and tail lamps

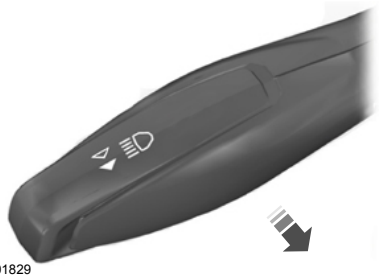
C Headlamps

Parking Lamps

Note: *Prolonged use of the parking lamps when the ignition is off will cause the battery to run out of charge.*

To operate the parking lamps turn the lighting control to position B. The parking lamps operate with the ignition on or off.

High Beams



E101829

Pull the lever fully toward you to switch the high beams on.

Pull the lever fully toward you again to switch the high beams off.

Headlamp Flasher

Pull the lever toward you slightly and release it to flash the headlamps.

AUTOLAMPS (IF EQUIPPED)



E70719

The headlamps will switch on and off automatically in low light situations or during poor weather.

Note: *It may be necessary to switch your headlamps on manually in severe weather conditions.*

Note: *If you have autolamps on, you can only switch the high beam on once autolamps has switched the headlamps on.*

Note: *If you switch autolamps on in conjunction with autowipers, low beam headlamps will illuminate automatically when the rain sensor activates the windshield wipers continuously.*

HEADLAMP EXIT DELAY

After you switch the ignition off, you can switch the headlamps on by pulling the direction indicator lever toward you. You will hear a short tone. The headlamps will switch off automatically after three minutes with any door open or 30 seconds after the last door has been closed. You can cancel this feature by pulling the direction indicator toward you again or switching the ignition on.

REAR FOG LAMPS



E70720

WARNINGS

Only use the rear fog lamps when visibility is restricted to less than 164 feet (50 meters).

Do not use the rear fog lamps when it is raining or snowing and visibility is more than 164 feet (50 meters).

Press the control to switch the fog lamps on or off.

You can switch the fog lamps on when either the front fog lamps or low beam headlamps are on.

DIRECTION INDICATORS



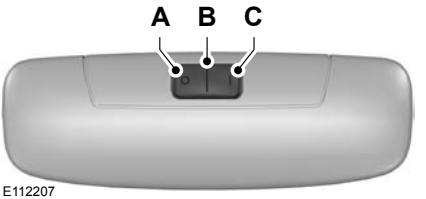
E102016

Push the lever up or down to use the direction indicators.

Note: *Tap the lever up or down to make the direction indicators flash three times to indicate a lane change.*

INTERIOR LAMPS

Courtesy Lamp



E112207

A Off
B Door contact
C On

If you set the switch to position B, the courtesy lamp will illuminate when you unlock or open a door or the liftgate. If you leave a door open with the ignition switched off, the courtesy lamp will go off automatically after some time to prevent your vehicle battery from losing charge. To switch it back on, switch the ignition on for a short time.

The courtesy lamp will also illuminate when you switch the ignition off. It will go off automatically after a short time or when you start the engine.

If you set the switch to position C with the ignition switched off, the courtesy lamp will illuminate. It will go off automatically after a short time to prevent your vehicle battery from losing charge. To switch it back on, switch the ignition on for a short time.

Reading Lamps



E112208

If you switch the ignition off, the reading lamps will go off automatically after some time to prevent your vehicle battery from discharging. To switch them back on, switch the ignition on for a short time.

POWER WINDOWS (IF EQUIPPED)

WARNINGS

Do not leave children unattended in your vehicle and do not let them play with the power windows. They may seriously injure themselves.

When closing the power windows, you should verify they are free of obstructions and make sure that children and pets are not in the proximity of the window openings.



E70848

Note: *You may hear a pulsing noise when just one of the windows is open. Lower the opposite window slightly to reduce this noise.*

Press the switch to open the window.

Lift the switch to close the window.

One-Touch Down (If Equipped)

Press the switch fully and release it. Press again or lift it to stop the window.

One-Touch Up (If Equipped)

Lift the switch fully and release it. Press or lift it again to stop the window.

Window Lock



E70850

Press the control to lock or unlock the rear window controls. It will illuminate when the rear window controls are locked.

Bounce-Back (If Equipped)

The window will stop automatically while closing. It will reverse some distance if there is an obstacle in the way.

Overriding the Bounce-Back Feature

WARNING

When you override the bounce-back feature the window will not reverse if it detects an obstacle. Take care when closing the windows to avoid personal injury or damage to your vehicle.

Proceed as follows to override this protection feature when there is a resistance, for example in winter:

1. Close the window twice until it reaches the point of resistance and let it reverse.

2. Close the window a third time to the point of resistance. The bounce-back feature is now disabled and you can close the window manually. The window will go past the point of resistance and you can close it fully.

See an authorized dealer as soon as possible if the window does not close after the third attempt.

Resetting the Bounce-Back Feature

WARNING

The bounce-back feature remains turned off until you reset the memory.

If you have disconnected the battery, you must reset the bounce-back memory separately for each window.

1. Lift and hold the switch until the window is fully closed.
2. Release the switch.
3. Lift the switch again for one more second.
4. Press and hold the switch until the window is fully open.
5. Release the switch.
6. Lift and hold the switch until the window is fully closed.
7. Open the window and then try to close it automatically.
8. Reset and repeat the procedure if the window does not close automatically.

Accessory Delay (If Equipped)

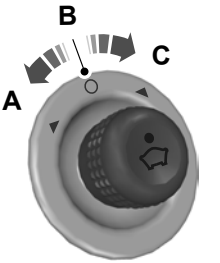
You can use the window switches for several minutes after you have switched the ignition off or until either front door is opened.

EXTERIOR MIRRORS

Power Exterior Mirrors

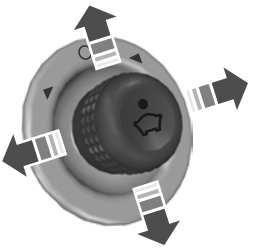
WARNING

Do not adjust the mirrors when your vehicle is moving. This could result in the loss of control of your vehicle, serious personal injury or death.



E71280

A Left-hand mirror
B Off
C Right-hand mirror



E71281

Move the controller in the direction of the arrows to adjust the mirror.

Fold-Away Exterior Mirrors

Push the mirror toward the door window glass. Make sure that you fully engage the mirror in its support when returning it to its original position.

INTERIOR MIRROR

WARNING

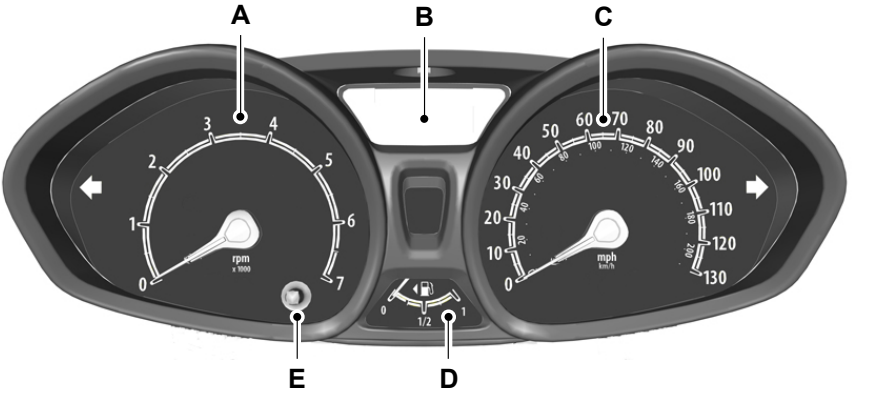

Do not adjust the mirror when your vehicle is moving.

Note: *Do not clean the housing or glass of any mirror with harsh abrasives, fuel or other petroleum or ammonia-based cleaning products.*

You can adjust the interior mirror to your preference. Some mirrors also have a second pivot point. This lets you move the mirror head up or down and from side to side.

Pull the tab below the mirror toward you to reduce glare at night.

GAUGES



E102660

A Tachometer
B Information display and engine coolant temperature gauge
C Speedometer
D Fuel gauge
E Tripmeter reset button

Engine Coolant Temperature Gauge

WARNING

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



E140760

Displays the temperature of the engine coolant. At normal operating temperature the indicator will remain in the center section.

Fuel Gauge

Switch the ignition on. The fuel gauge will indicate approximately how much fuel is left in the fuel tank. The fuel gauge may vary slightly when your vehicle is moving or on a gradient. The arrow adjacent to the fuel pump symbol indicates on which side of your vehicle the fuel filler door is located.

WARNING LAMPS AND INDICATORS

The following warning lamps and indicators will alert you to a vehicle condition that may become serious. Some lamps will illuminate when you start your vehicle to make sure they work. If any lamps remain on after starting your vehicle, refer to the respective system warning lamp for further information.

Note: *Some warning indicators appear in the information display and function the same as a warning lamp but do not display when you start your vehicle.*

Anti-lock Braking System Warning Lamp



If it illuminates when you are driving, this indicates a malfunction. You will continue to have the normal braking system (without anti-lock braking system) unless the brake system warning lamp is also illuminated. Have your vehicle checked by an authorized dealer.

Brake System Warning Lamp



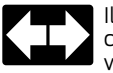
It will illuminate when you engage the parking brake with the ignition on.

If it illuminates when you are driving, check that the parking brake is not engaged. If the parking brake is not engaged, this indicates low brake fluid level or a brake system malfunction. Have your vehicle checked by an authorized dealer immediately.

WARNING

Driving your vehicle with the warning lamp on is dangerous. A significant decrease in braking performance may occur. It will take you longer to stop your vehicle. Have your vehicle checked by an authorized dealer immediately. Driving extended distances with the parking brake engaged can cause brake failure and the risk of personal injury.

Direction Indicator



Illuminates when the left or right direction indicator or the hazard warning flasher is turned on. If the indicators stay on or flash faster, check for a burnt out bulb. See **Changing a Bulb** (page 121).

Door Ajar Warning Lamp



Illuminates when you switch the ignition on and remains on if any door, the hood or the liftgate is not closed properly.

Engine Coolant Temperature Warning Lamp

WARNING

Do not resume your journey if it illuminates despite the level being correct. Have your vehicle checked by an authorized dealer immediately.



If it stays on after starting or illuminates when driving, this indicates a malfunction. Stop your vehicle as soon as it is safe to do so and switch the engine off. Check the coolant level. See **Engine Coolant Check** (page 117).

Engine Oil Warning Lamp

WARNING

Do not resume your journey if it illuminates despite the level being correct. Have your vehicle checked by an authorized dealer immediately.



If it illuminates with the engine running or when you are driving, this indicates a malfunction. Stop your vehicle as soon as it is safe to do so and switch the engine off. Check the engine oil level. See **Engine Oil Check** (page 117).

Engine Warning Lamps



Malfunction Indicator Lamp



Powertrain Warning Lamp

All Vehicles

If either lamp illuminates when the engine is running, this indicates a malfunction. The engine will continue to run but it may have limited power. If it flashes when you are driving, reduce the speed of your vehicle immediately. If it continues to flash, avoid heavy acceleration or deceleration. Have your vehicle checked by an authorized dealer immediately.

WARNING

Have this checked immediately.

If both lamps illuminate together, stop your vehicle as soon as it is safe to do so (continued use may cause reduced power and cause the engine to stop). Switch the ignition off and attempt to restart the engine. If the engine restarts have your vehicle checked by an authorized dealer immediately. When the engine does not restart have your vehicle checked before continuing your journey.

Front Airbag Warning Lamp



If it fails to illuminate when you start your vehicle, continues to flash or remains on, it indicates a malfunction. Have your vehicle checked by an authorized dealer.

Frost Warning Lamp

WARNING

Even if the temperature rises to above +39ºF (4ºC) there is no guarantee that the road is free of hazards caused by inclement weather.



It will illuminate and glow orange when the outside air temperature is between 39ºF (4ºC) and 32ºF (0ºC). It will glow red when the temperature is below 32ºF (0ºC).

Headlamp Indicator



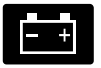
It will illuminate when you switch the headlamp dipped beam or the side and tail lamps on.

High Beam Indicator



It will illuminate when you switch the high beam headlamps on. It will flash when you use the headlamp flasher.

Ignition Warning Lamp



If it illuminates when driving, this indicates a malfunction. Switch off all unnecessary electrical equipment. Have your vehicle checked by an authorized dealer immediately.

Information Indicator



It will illuminate when a new message is stored in the information display. See **Information Messages** (page 54).

Low Fuel Level Warning Lamp



If it illuminates, refuel as soon as possible.

Rear Fog Lamps Indicator



It will illuminate when you switch the rear fog lamps on.

Safety Belt Minder Warning Lamp



It will illuminate and a chime will sound to remind you to fasten your safety belt. See **Safety Belt Minder** (page 22).

Shift Indicator



It will illuminate to inform you that shifting to a higher gear may give better fuel economy and lower CO2 emissions. It will not illuminate during periods of high acceleration, braking or when the clutch pedal is pressed.

Stability Control Indicator



While driving, it flashes when the system is operating. After you switch the ignition on, if it does not illuminate or illuminates continuously while driving, this indicates a malfunction. During a malfunction, the system switches off. Have your vehicle checked by an authorized dealer as soon as possible.

It will illuminate when you switch the system off. It will go out when you switch the system back on or when you switch the ignition off.

AUDIBLE WARNINGS AND INDICATORS

Automatic Transmission

Sounds when you open the driver's door and do not move the transmission selector lever to position **P**.

Key Outside Car

Vehicles With Keyless System

Sounds when you close the door, the engine is running and the system does not detect a passive key inside your vehicle.

Headlamps On

Sounds when you remove the key from the ignition and open the driver's door and you have left the headlamps or parking lamps on.

Low Fuel

A warning chime will sound when the remaining fuel is less than approximately 1.3 gallons (6 liters). The distance to empty displayed may vary depending on driving style and road conditions.

Safety Belt Minder

WARNINGS

The safety belt minder remains in stand-by mode when the front safety belts have been fastened. It will sound if either safety belt is unfastened.

Do not sit on top of a fastened safety belt to prevent the safety belt minder from coming on. The occupant protection system will only provide optimum protection when you use the safety belt properly.

Sounds when your vehicle speed exceeds the pre-determined limit and the front safety belts are unfastened. The chime will stop after a period of time.

GENERAL INFORMATION

WARNING

Driving while distracted can result in loss of vehicle control, accident and injury. We strongly recommend that you use extreme caution when using any device or feature that may take your focus off the road. Your primary responsibility is the safe operation of your vehicle. We recommend against the use of any handheld device while driving and that you comply with all applicable laws.

Note: *The information display will remain on for several minutes after you switch the ignition off.*

Device List

The icon changes to show the current function in use.


CD


Radio


Auxiliary input

Information Display Controls



E103626

Various systems on your vehicle can be controlled using the information display controls on your audio unit. Corresponding information is displayed in the information display.

To use the controls:

- Press the up or down arrow button to scroll through and highlight the options within a menu.
- Press the right arrow button to enter a submenu.
- Press the left arrow button to exit a submenu.
- Press and hold the left arrow button at any time to return to the main menu display.
- Press the **OK** button to choose and confirm settings or messages.

Menu Structure - Information Display

You can access the menu using the information display control.

Note: *Some options may appear slightly different or not at all if the items are optional.*

Menu	
Ford EcoMode	
Audio settings	Adaptive volume
	Sound
	DSP settings
	DSP equalizer
	Traffic
	News
	Alt. frequency
	RDS Regional
	DAB Service link
	Bluetooth
Vehicle settings	Traction Control
	ESC
	Hill start assist
	Park lock control
	Alarm system
	Indicator
	Ambient light
	Chimes
Clock settings	Auto time (GPS)
	Set time
	Set date
	Set time zone
	Summer time
	24-hour mode

Menu	
Display settings	Measure Unit
	Language
	Dimming

System Check

All active warnings will display first if applicable. The system check menu may appear different based upon equipment options and current vehicle status. Press the up or down arrow button to scroll through the list.

CLOCK

Type 1

To adjust the clock, switch the ignition on and press buttons H or M on the information and entertainment display as necessary.

Type 2

Note: *Use the information display to adjust the clock. See* ***General Information*** *(page 51).*

TRIP COMPUTER



E161493

Press the button to scroll through the displays.

You can reset the trip, average fuel consumption and average speed. Scroll to the required display, then press and hold the button, this will reset the trip computer.

The trip computer includes the following information displays:

Trip Odometer

KM TRIP

Registers the distance traveled of individual journeys.

Distance to Empty

KM TO 0

Indicates the approximate distance your vehicle will travel on the fuel remaining in the tank. Changes in driving pattern may cause the value to vary.

Average Fuel Consumption

Ø L / 100KM

Indicates the average fuel consumption since the function was last reset.

Instantaneous Fuel Consumption

L / 100KM

Indicates the current fuel consumption.

Average Speed

ØKM / H

Indicates the average speed calculated since the function was last reset.

Distance Odometer

KM Registers the total distance your vehicle has traveled.

PERSONALIZED SETTINGS

Measure Units

To swap between imperial and metric units, scroll to this display and press the **OK** button.

Swapping between imperial and metric units will affect the following displays:

- Distance to empty.
- Average fuel consumption.
- Instantaneous fuel consumption.
- Average speed.

Switching Chimes Off

To switch chimes off, scroll to this display and press the **OK** button.

The following chimes can be switched off:

- Warning messages.
- Information messages.

INFORMATION MESSAGES

Note: *Depending on the options on your vehicle, not all of the messages will display or be available. Certain messages may be abbreviated or shortened depending upon which cluster type you have.*



E103626

Press the **OK** button to acknowledge and remove some messages from the information display. Other messages will be removed automatically after a short time.

Certain messages need to be confirmed before you can access the menus.

The message indicator illuminates to supplement some messages. It will be red or amber depending on the severity of the message and will remain on until the cause of the message has been rectified.

Some messages will be supplemented by a system specific symbol with a message indicator.

Airbag

Message	Message indicator	Action
Airbag malfunction Service now	Amber	Have your vehicle checked by an authorized dealer as soon as possible.

Alarm

Message	Message indicator	Action
Alarm triggered Check vehicle	Amber	See **Security** (page 33).
Interior Scan deactivated	Amber	See **Security** (page 33).
Alarm system malfunction Service required	-	Have your vehicle checked by an authorized dealer as soon as possible.

Doors Open

Message	Message indicator	Action
Driver door open	Red	Vehicle is moving. Stop your vehicle as soon as safely possible and close.
Driver side rear door open	Red	Vehicle is moving. Stop your vehicle as soon as safely possible and close.
Passenger door open	Red	Vehicle is moving. Stop your vehicle as soon as safely possible and close.
Passenger side rear door open	Red	Vehicle is moving. Stop your vehicle as soon as safely possible and close.
Boot open	Red	Vehicle is moving. Stop your vehicle as soon as safely possible and close.
Bonnet open	Red	Vehicle is moving. Stop your vehicle as soon as safely possible and close. See **Opening and Closing the Hood** (page 113).
Driver door open	Amber	Vehicle not moving. Close.
Driver side rear door open	Amber	Vehicle not moving. Close.
Passenger door open	Amber	Vehicle not moving. Close.
Passenger side rear door open	Amber	Vehicle not moving. Close.
Boot open	Amber	Vehicle not moving. Close.
Bonnet open	Amber	Vehicle not moving. Close. See **Opening and Closing the Hood** (page 113).

Engine Immobiliser

Message	Message indicator	Action
Immobiliser malfunction Service now	Red	Have your vehicle checked by an authorized dealer as soon as possible.

Hill Start Assist

Message	Message indicator	Action
Hill start assist not available	Amber	See **Hill Start Assist** (page 85).

Lighting

Message	Message indicator	Action
Left indicator malfunction Change bulb	-	See **Changing a Bulb** (page 121).
Right indicator malfunction Change bulb	-	See **Changing a Bulb** (page 121).

Maintenance

Message	Message indicator	Action
Brake fluid level low Service now	Red	See **Brake and Clutch Fluid Check** (page 118).
Brake system malfunction Stop safely	Red	Have your vehicle checked by an authorized dealer as soon as possible.
Engine oil pressure low Stop safely	Red	See **Engine Oil Check** (page 117).
Engine malfunction Service now	Amber	Have your vehicle checked by an authorized dealer as soon as possible.
Engine oil change due Service required	-	Have your vehicle checked by an authorized dealer as soon as possible.

Parking Brake

Message	Message indicator	Action
Park brake applied	Red	See **Parking Brake** (page 87).
Park brake applied	Amber	See **Parking Brake** (page 87).

Stability Control

Message	Message indicator	Action
Electronic stability control off	Amber	See **Using Stability Control** (page 89).
ABS malfunction Service now	Amber	Have your vehicle checked by an authorized dealer as soon as possible.
Traction control off	-	See **Using Stability Control** (page 89).
Sport mode	-	See **Using Stability Control** (page 89).

Starting and Stopping the Engine

Message	Message indicator	Action
Press brake to start	-	See **Starting and Stopping the Engine** (page 73).
Press clutch to start	-	See **Starting and Stopping the Engine** (page 73).
Press brake and clutch to start	-	See **Starting and Stopping the Engine** (page 73).
Cranking time exceeded	-	See **Starting and Stopping the Engine** (page 73).

Steering

Message	Message indicator	Action
Power steering malfunction Service now	Red	Have your vehicle checked by an authorized dealer as soon as possible.
Steering lock malfunction Stop safely	Red	Stop your vehicle in a safe place. Have your vehicle checked by an authorized dealer as soon as possible.
Steering lock malfunction Service now	Amber	Full steering will be maintained but you will need to exert greater force on the steering wheel. Have your vehicle checked by an authorized dealer as soon as possible.

Transmission

Message	Message indicator	Action
Transmission malfunction Service now	Red	Have your vehicle checked by an authorized dealer.
Transmission overtemperature Stop safely	Red	The transmission is overheating and needs to cool. Stop your vehicle as soon as it is safe to do so. Move the transmission selector lever to position **N** or **P** and apply the parking brake. Switch off the ignition until the transmission has cooled and the message disappears from the display.
Use brake Stop safely	Red	Have your vehicle checked by an authorized dealer.
Vehicle not in Park Select P	-	See **Automatic Transmission** (page 82). See **Starting and Stopping the Engine** (page 73).
Select N or P to start	-	See **Automatic Transmission** (page 82). See **Starting and Stopping the Engine** (page 73).
Press brake to start	-	See **Starting and Stopping the Engine** (page 73).

Message	Message indicator	Action
Select N to start	-	See **Automatic Transmission** (page 82). See **Starting and Stopping the Engine** (page 73).
Door open Apply brake	-	See **Automatic Transmission** (page 82). See **Starting and Stopping the Engine** (page 73).
Transmission hot Stop or speed up	-	The transmission is overheating and needs to cool. Stop your vehicle as soon as it is safe to do so to let it cool or speed up.
Transmission hot Wait...	-	The transmission is overheating and needs to cool. Wait as needed to let it cool.
Transmission hot Wait XX mins	-	The transmission is overheating and needs to cool. Wait as needed to let it cool.
Transmission ready	-	Your vehicle is ready to drive.
Press brake to unlock selector lever	-	See **Automatic Transmission** (page 82). See **Starting and Stopping the Engine** (page 73).
Selector lever unlocked	-	See **Automatic Transmission** (page 82). See **Starting and Stopping the Engine** (page 73).
Transmission not in Park	-	See **Automatic Transmission** (page 82). See **Starting and Stopping the Engine** (page 73).

PRINCIPLE OF OPERATION

Outside Air

Keep the air intakes in front of the windshield free from obstruction (such as snow or leaves) to allow the climate control system to function effectively.

Recirculated Air

WARNINGS

Extended operation of the climate control system in recirculated air mode may lead to a reduction in air quality in the cabin. The air in the cabin should be periodically refreshed by selecting fresh air mode.

Prolonged use of recirculated air may cause the windows to mist up. If the windows mist up, follow the settings for demisting the windshield.

The air currently in the passenger compartment recirculates. Outside air does not enter your vehicle.

Heating

Heating performance depends on the temperature of the engine coolant.

Air Conditioning

Note: *The air conditioning operates only when the temperature is above 39ºF (4ºC).*

Note: *When you use air conditioning, your vehicle uses more fuel.*

The system directs air through the evaporator for cooling. The evaporator extracts humidity from the air to help keep the windows free of mist. The system directs the resulting condensation to the outside of your vehicle, which may cause a small pool to form under your vehicle. This is normal.

General Information on Controlling the Interior Climate

Fully close all the windows.

Warming the Interior

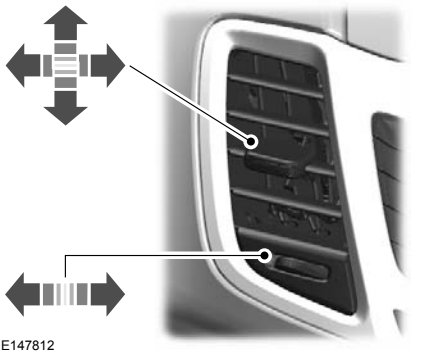
Direct the air toward your feet. In cold or humid weather conditions, direct some of the air toward the windshield and the door windows.

Cooling the Interior

Direct the air toward your face.

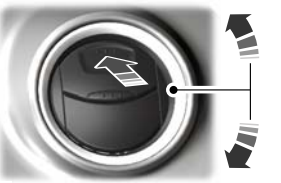
AIR VENTS

Center Air Vents



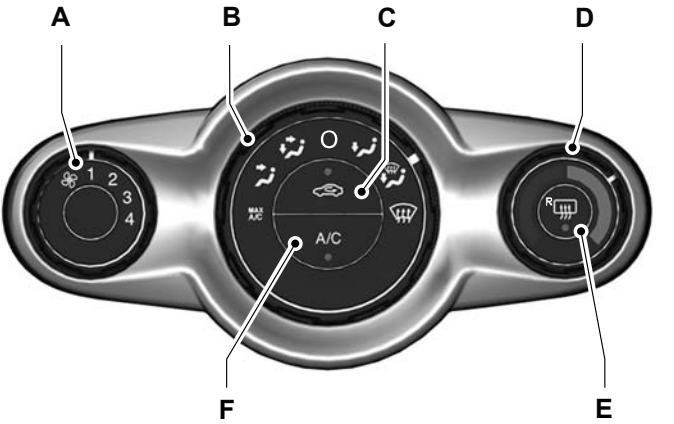
E147812

Side Air Vent



E71942

MANUAL CLIMATE CONTROL



E158234

A **Fan speed control:** Controls the volume of air circulated in your vehicle. Adjust to select the desired fan speed.

B **Air distribution control:** Adjust to select the desired air distribution. If you select **MAX A/C** the system distributes recirculated air through the instrument panel air vents. This mode is more economical and efficient than normal air conditioning. Select **O** to turn the system off.

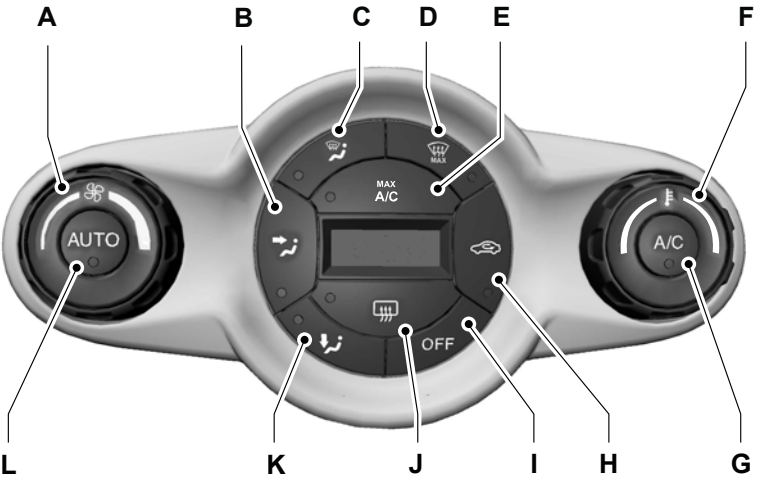
C **Recirculated air:** Press the button to switch between outside air and recirculated air. When you select recirculated air, the button illuminates and the air currently in the passenger compartment recirculates. This can reduce the time needed to cool the interior and reduce unwanted odors from entering your vehicle.

D **Temperature control:** Controls the temperature of the air circulated in your vehicle. Adjust to select the desired temperature.

E **Heated rear window:** Press the button to defog and clear the rear window of a thin covering of ice.

F **Air conditioning:** Press the button to switch the air conditioning on or off. Air conditioning cools your vehicle using outside air. To improve air conditioning when starting your vehicle, drive with the windows slightly open for two to three minutes.

AUTOMATIC CLIMATE CONTROL (IF EQUIPPED)



E158263

A **Fan speed:** Controls the volume of air circulated in your vehicle. Rotate the control to select the desired fan speed. The setting is shown in the display.

B **Instrument panel:** Press the button to distribute air through the instrument panel air vents.

C **Windshield:** Press the button to distribute air through the windshield air vents. You can also use this setting to defog and clear the windshield of a thin covering of ice.

D **MAX Defrost:** Press the button to distribute outside air through the windshield air vents. Air conditioning is automatically selected. The fan is set to the highest speed and the temperature to HI. When the air distribution is set in this position, you are unable to select recirculated air or manually adjust the fan speed and temperature control. Press the **AUTO** button to return to auto mode.

E **MAX A/C:** Press the button to distribute recirculated air through the instrument panel air vents. This mode is more economical and efficient than normal air conditioning.

F **Temperature control:** Controls the temperature of the air circulated in your vehicle. Adjust to select the desired temperature.

G **Air conditioning:** Press the button to switch the air conditioning on or off. Air conditioning cools your vehicle using outside air. To improve air conditioning when starting your vehicle, drive with the windows slightly open for two to three minutes.

H **Recirculated air:** Press the button to switch between outside air and recirculated air. The air currently in the passenger compartment recirculates. This can reduce the time needed to cool the interior and reduce unwanted odors from entering your vehicle.

I **Off button:** Press the button to switch the system off.

J **Heated rear window:** Press the button to defog and clear the rear window of a thin covering of ice.

K **Footwell:** Press the button to distribute air through the footwell air vents.

L **AUTO:** Press the button to switch the system on and off. The system automatically controls the temperature, amount and distribution of the airflow to reach and maintain your previously selected temperature.

Temperature Control



E148690

You can set the temperature between 16ºC and 28ºC. In position low, the system switches to permanent cooling. In position high, the system switches to permanent heating.

Note: *If you select either position low or high, the system will not regulate a stable temperature.*

HINTS ON CONTROLLING THE INTERIOR CLIMATE

General Hints

Note: *Prolonged use of recirculated air may cause the windows to fog up.*

Note: *A small amount of air may be felt from the footwell air vents regardless of the air distribution setting.*

Note: *To reduce humidity build-up inside your vehicle, do not drive with the system switched off or with recirculated air always switched on.*

Note: *Do not place objects under the front seats as this may interfere with the airflow to the rear seats.*

Note: *Remove any snow, ice or leaves from the air intake area at the base of the windshield.*

Manual Climate Control

Note: *To reduce fogging of the windshield during humid weather, adjust the air distribution control to the windshield air vents position. Increase the temperature and fan speed to improve clearing, if required.*

Automatic Climate Control

Note: *Do not adjust the settings when your vehicle interior is extremely hot or cold. The system automatically adjusts to the previously stored settings. For the system to function efficiently, the instrument panel and side air vents should be fully open.*

Note: *At low ambient temperatures with **AUTO** selected, the air stream is directed toward the windshield and side windows for as long as the engine remains cold.*

Note: *When the system is switched off, outside air is prevented from entering your vehicle.*

Note: *When you select **AUTO** mode and the interior and exterior temperatures are high, the system automatically selects recirculated air to maximize cooling of the interior. When the desired air temperature is reached, the system automatically selects outside air.*

Note: *When you select windshield defrosting and defogging, the instrument panel and footwell level functions automatically switch off and air conditioning switches on. Outside air flows into your vehicle.*

Heating the Interior Quickly

	Vehicles With Manual Climate Control	Vehicles With Automatic Climate Control
1	Adjust the fan speed to the highest setting.	Press the **AUTO** button.
2	Adjust the temperature control to the highest setting.	Adjust the temperature control to the desired setting.
3	Adjust the air distribution control to the footwell air vents position.	

Recommended Settings for Heating

	Vehicles With Manual Climate Control	Vehicles With Automatic Climate Control
1	Adjust the fan speed to the second setting.	Press the **AUTO** button.
2	Adjust the temperature control to the desired setting.	Adjust the temperature control to the desired setting.
3	Adjust the air distribution control to the footwell and windshield air vents position.	

Cooling the Interior Quickly

	Vehicles With Manual Climate Control	Vehicles With Automatic Climate Control
1	Adjust the fan speed to the highest setting.	Press the **AUTO** button.
2	Adjust the temperature control setting to **MAX A/C**.	Adjust the temperature control to the desired setting.
3	Adjust the air distribution control to the instrument panel air vents position.	Or, press the **MAX A/C** button.

Recommended Settings for Cooling

	Vehicles With Manual Climate Control	Vehicles With Automatic Climate Control
1	Adjust the fan speed to the second setting.	Press the **AUTO** button.
2	Adjust the temperature control to the desired setting.	Adjust the temperature control to the desired setting.
3	Adjust the air distribution control to the instrument panel air vents position.	
4	Press the **A/C** button.	

Vehicle Stationary for Extended Periods During Extreme High Ambient Temperatures

	Vehicles With Manual Climate Control	Vehicles With Automatic Climate Control
1	Apply the parking brake.	Apply the parking brake.
2	Move the transmission selector lever to position **P** or neutral.	Move the transmission selector lever to position **P** or neutral.
3	Adjust the temperature control to the **MAX A/C** position.	Press the **AUTO** button.
4	Adjust the fan speed to the highest setting.	Adjust the temperature control to the desired setting.

Side Window Defogging in Cold Weather

	Vehicles With Manual Climate Control	Vehicles With Automatic Climate Control
1	Adjust the fan speed to the highest setting.	Press the MAX defrost button.
2	Adjust the temperature control to the highest setting.	Adjust the temperature control to the desired setting.
3	Adjust the air distribution control to the windshield position.	
4	Press the **A/C** button.	

Maximum Cooling Performance in Instrument Panel or Instrument Panel and Footwell Positions

1. Adjust the temperature control to the lowest setting.
2. Press the **A/C** and recirculated air buttons.
3. Adjust the fan speed to the highest setting initially and then adjust it to suit the desired comfort level.

HEATED WINDOWS



Use the heated windows to defrost or demist the rear window.

Note: *The heated windows operate only when the engine is running.*

SITTING IN THE CORRECT POSITION

WARNINGS

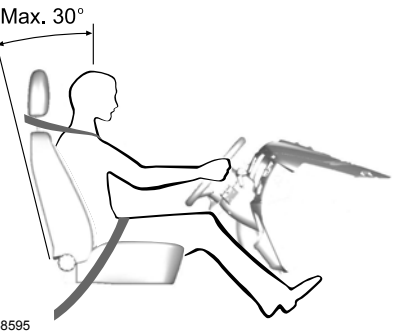
It is extremely dangerous to ride in the cargo area inside or outside the vehicle. In a collision, people riding in these areas are more likely to be seriously injured or killed. Do not allow people to ride in any area of the vehicle that is not fitted with seats and seat belts. Be sure that everyone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

Ensure that all parts of passengers are inside the vehicle when in motion.

Do not recline the seatback too far as this can cause the occupant to slide under the safety belt, resulting in serious injury in the event of a collision.

Sitting improperly, out of position or with the seatback reclined too far, can result in serious injury or death in the event of a collision. Always sit upright against your seatback, with your feet on the floor.

Do not place objects higher than the seatback to reduce the risk of serious injury in the event of a collision or during heavy braking.



E68595

When you use them properly, the seat, head restraint, safety belt and air bags will provide optimum protection in the event of a collision.

We recommend that you follow these guidelines:

- Sit in an upright position with the base of your spine as far back as possible.
- Do not recline the seatback more than 30 degrees.
- Adjust the head restraint so that the top of it is level with the top of your head and as far forward as possible. Make sure that you remain comfortable.
- Keep sufficient distance between yourself and the steering wheel. We recommend a minimum of 10 inches (25 centimeters) between your breastbone and the air bag cover.
- Hold the steering wheel with your arms slightly bent.
- Bend your legs slightly so that you can press the pedals fully.
- Position the shoulder strap of the safety belt over the center of your shoulder and position the lap strap tightly across your hips.

Make sure that your driving position is comfortable and that you can maintain full control of your vehicle.

HEAD RESTRAINTS

Adjusting the Head Restraints

WARNINGS

Raise the rear head restraint when the rear seat is occupied by a passenger.

When using a forward facing child restraint on a rear seat, always remove the head restraint from that seat.

Fully adjust the head restraint before you sit in or operate your vehicle. This will help minimize the risk of neck injury in the event of a collision. Do not adjust the head restraint when your vehicle is moving.

The head restraint is a safety device. Whenever possible it should be installed and properly adjusted when the seat is occupied.

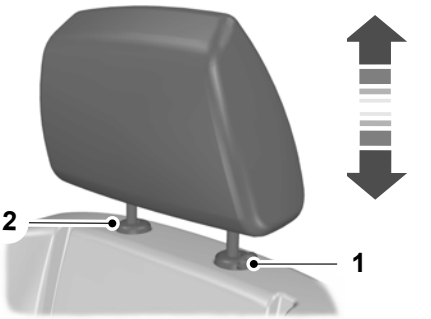
Adjust the head restraint so that the top of it is level with the top of your head.

Removing the Head Restraints

WARNING

Install the head restraint properly to help minimize the risk of neck injury in the event of a collision.

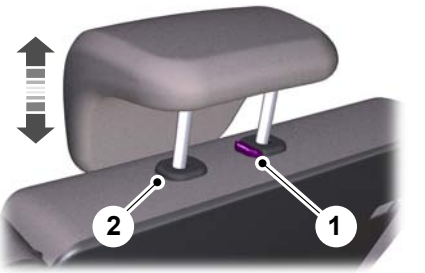
Front Head Restraint



E140447

1. Press and hold the locking button.
2. Using a suitable implement release the retaining clip.

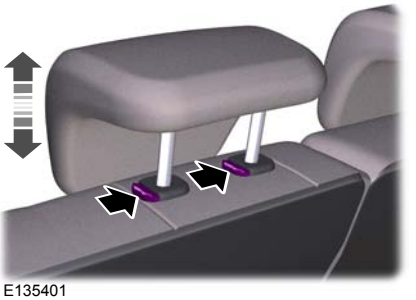
Rear Outer Head Restraint



E140448

1. Press and hold the locking button.
2. Using a suitable implement release the retaining clip.

Rear Center Head Restraint



E135401

Press the locking buttons and remove the head restraint.

MANUAL SEATS

WARNING

Do not adjust the driver seat when your vehicle is moving. This may result in the loss of control of your vehicle, serious personal injury or death.

Moving the Seat Backward and Forward

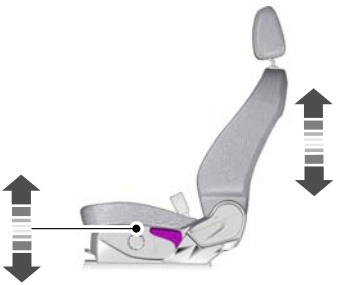
WARNING

Rock the seat backward and forward after releasing the lever to make sure that it is fully engaged in its catch. A seat which is not fully engaged in its catch could move when your vehicle is moving. This may result in the loss of control of your vehicle, serious personal injury or death.



E161502

Adjusting the Height of the Driver Seat

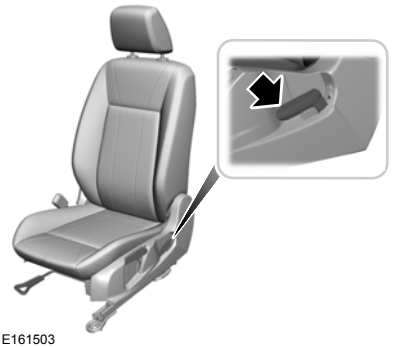


E70730

Recline Adjustment

WARNING

Do not place cargo or any objects behind the seatback before returning it to the original position. Pull on the seatback to make sure that it has fully latched after returning the seatback to its original position. An unlatched seat may become dangerous if you stop suddenly or have a collision.



E161503

REAR SEATS

Folding the Seatback

WARNING

When folding the seatbacks down, take care not to get your fingers caught between the seatback and seat frame.



E102532

1. Press the unlock buttons down and hold them there.
2. Push the seatback forward.

Note: *Do not attempt to fold the rear seat cushion forward.*

Note: *Lower the head restraints. See* ***Head Restraints*** *(page 68).*

Unfolding the Seatback

WARNINGS

When folding the seatbacks up, make sure that the safety belts are visible to an occupant and not caught behind the seat.

Make sure that the seats and the seatbacks are secure and fully engaged in their catches.

12 Volt DC Power Point

WARNING

Do not plug optional electrical accessories into the cigar lighter socket. Incorrect use of the lighter can cause damage not covered by your warranty, and can result in fire or serious injury.

Note: *When you switch the ignition on, you can use the socket to power 12 volt appliances with a maximum current rating of 20 amps.*

After you switch the ignition off the power supply will only work for a maximum of 30 minutes.

Note: *Do not insert objects other than an accessory plug into the power point. This will damage the outlet and blow the fuse.*

Note: *Do not hang any type of accessory or accessory bracket from the plug.*

Note: *Do not use the power point over the vehicle capacity of 12 volt DC 180 watt or a fuse may blow.*

Note: *Do not use the power point for operating a cigar lighter element.*

Note: *Incorrect use of the power point can cause damage not covered by your warranty.*

Note: *Always keep the power point caps closed when not in use.*

Run the engine for full capacity use of the power point.

To prevent the battery from running out of charge:

- Do not use the power point longer than necessary when the engine is not running.
- Do not leave devices plugged in overnight or when your vehicle is parked for extended periods.

Location

Power points may be found:

- on the center console
- on the rear of the center console.

CIGAR LIGHTER (IF EQUIPPED)

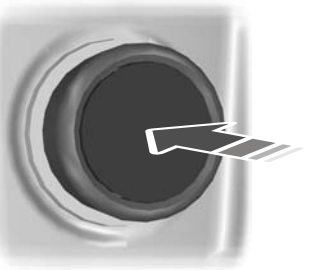
Note: *Do not hold the cigar lighter element pressed in.*

Note: *If you use the socket when the engine is not running, the battery may lose charge.*

Note: *When you switch the ignition on, you can use the socket to power 12 volt appliances with a maximum current rating of 20 amps.*

Note: *After you switch the ignition off the power supply will only work for a maximum of 30 minutes.*

Note: *Use only Ford accessory connectors or connectors specified for use with SAE standard sockets.*



E103382

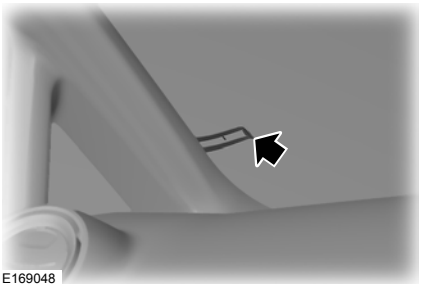
Press the element in to use the cigar lighter. It will pop out automatically.

CUP HOLDERS

WARNING

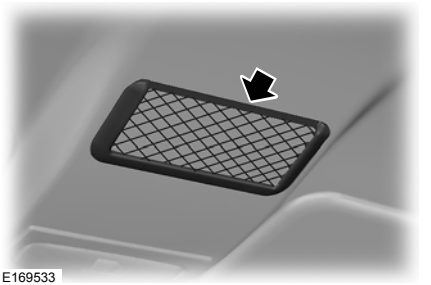
Do not place hot drinks in the cup holders when your vehicle is moving.

TICKET HOLDERS



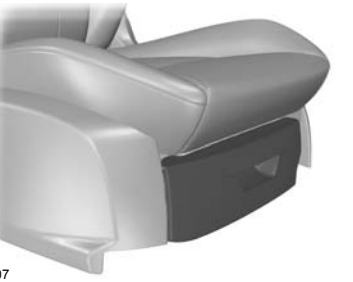
E169048

OVERHEAD CONSOLE



E169533

UNDER SEAT STORAGE



E104007

GENERAL INFORMATION

WARNINGS

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 on dry grass or other dry ground cover. The emission system heats up the engine compartment and exhaust system, creating the risk of fire.

Do not start the engine in a closed garage or in other enclosed areas. Exhaust fumes can be toxic. Always open the garage door before you start the engine.

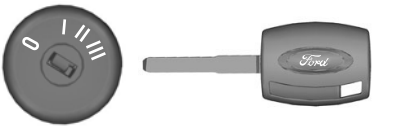
If you smell exhaust fumes inside your vehicle, have your vehicle checked by an authorized dealer immediately. Do not drive your vehicle if you smell exhaust fumes.

If you disconnect the battery, your vehicle may exhibit some unusual driving characteristics for approximately 5 miles (8 kilometers) after you reconnect it. This is because the engine management system must realign itself with the engine. You can disregard any unusual driving characteristics during this period.

The powertrain control system meets all Canadian interference-causing equipment standard requirements regulating the impulse electrical field or radio noise.

When you start the engine, avoid pressing the accelerator pedal before and during operation. Only use the accelerator pedal when you have difficulty starting the engine.

IGNITION SWITCH



E72128

0(off) - The ignition is off.

Note: *When you switch the ignition off and leave your vehicle, do not leave your key in the ignition. This could cause your vehicle battery to lose charge.*

I (accessory) - Allows the electrical accessories such as the radio to operate while the engine is not running.

Note: *Do not leave the ignition key in this position for too long to avoid your vehicle battery losing charge.*

II (on) - All electrical circuits operational. Warning lamps and indicators are illuminated.

III (start) - cranks the engine. Release the key as soon as the engine starts.

KEYLESS STARTING

WARNINGS

The system may not function if the key is close to metal objects or electronic devices such as cell phones.

Always check that the steering wheel lock is deactivated before attempting to move your vehicle. Failure to deactivate the steering wheel lock could result in a crash.

To prevent damage you must not push or tow start your vehicle. Use booster cables and a booster battery.

Note: *The ignition will automatically switch off when you leave your vehicle unattended. This is to prevent your vehicle battery running out of charge.*

Note: *A valid key must be located inside your vehicle to switch the ignition on and start the engine.*

Ignition On

Press the button once. It is located on the instrument panel near the steering wheel. All electrical circuits and accessories are operational and the warning lamps and indicators will illuminate.



E160172

Starting With Manual Transmission

Note: *Releasing the clutch pedal while the engine is starting will stop the engine cranking and return to ignition on.*

1. Fully depress the clutch pedal.
2. Briefly press the button.

Starting With Automatic Transmission

Note: *Releasing the brake pedal while the engine is starting will stop the engine cranking and return to ignition on.*

1. Move the transmission selector lever to position P or N.
2. Fully depress the brake pedal.
3. Briefly press the button.

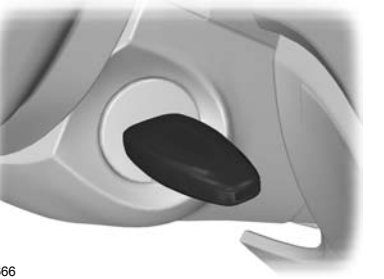
Failure to Start

All Vehicles

The system will not function if:

- The key frequencies are jammed.
- The key battery has no charge.

If you are unable to start your vehicle, do the following.



E99666

1. Hold the key next to the steering column exactly as shown.
2. With the key in this position you can use the button to switch the ignition on and start your engine.

Manual Transmission

Note: *Releasing the clutch pedal while the engine is starting will stop the engine cranking and return to ignition on. A message will be shown in the display.*

If the engine does not crank when the clutch pedal has been fully depressed and the button is pressed:

1. Fully depress both the clutch and brake pedals.
2. Press the button until the engine starts.

Stopping the Engine When Your Vehicle is Stationary

Note: *The ignition, all electrical circuits warning lamps and indicators will be switched off.*

Manual Transmission

Press the button.

Automatic Transmission

1. Move the transmission selector lever to position P.
2. Press the button.

Stopping the Engine When Your Vehicle is Moving

WARNING

Switching off the engine when your vehicle is still moving will result in a loss of brake and steering assistance. The steering will not lock, but higher effort will be required. With the ignition switched off some electrical circuits, warning lamps and indicators may also be off.

1. Press and hold the button for at least one second or press it three times within two seconds.
2. Move the transmission selector lever to position N and use the brakes to bring your vehicle to a safe stop.
3. When your vehicle has stopped, move the transmission selector lever to position P or N and switch the ignition off.

STARTING A GASOLINE ENGINE

Note: *You can only operate the starter for a limited period of time, for example 10 seconds. The number of start attempts is limited to approximately six. If you exceed this limit, the system will not allow you to try again until a period of time has elapsed, for example 30 minutes.*

Cold or Hot Engine

Vehicles with Manual Transmission

Note: *Do not touch the accelerator pedal.*

Note: *Releasing the clutch pedal while the engine is starting will stop the engine cranking and return to ignition on.*

1. Fully depress the clutch pedal.
2. Start the engine.

Vehicles with Automatic Transmission

Note: *Do not touch the accelerator pedal.*

1. Move the transmission selector lever to position **P** or **N**.
2. Start the engine.

All Vehicles

If the engine does not start within 10 seconds, wait for a short period and try again.

If the engine does not start after three attempts, wait 10 seconds and follow the flooded engine procedure.

If you have difficulty starting the engine when the temperature is below -13°F (-25°C), press the accelerator pedal to the mid-way point of its travel and try again.

Flooded Engine

Vehicles with Manual Transmission

1. Fully depress the clutch pedal.

2. Fully depress the accelerator pedal and hold it there.
3. Start the engine.

Vehicles with Automatic Transmission

1. Move the transmission selector lever to position **P** or **N**.
2. Fully depress the accelerator pedal and hold it there.
3. Start the engine.

All Vehicles

If the engine does not start, repeat the cold or hot engine procedure.

Engine Idle Speed after Starting

The speed at which the engine idles immediately after starting is optimized to minimize vehicle emissions and maximize cabin comfort and fuel economy.

The idle speed will vary depending on certain factors. These include vehicle component and ambient temperatures as well as electrical and climate system demands.

Failure to Start

Vehicles with Manual Transmission

If the engine does not crank when the clutch pedal has been fully depressed and the ignition key is turned to position **III**.

1. Fully depress the clutch and brake pedals.
2. Turn the key to position **III** until the engine has started.

SWITCHING OFF THE ENGINE

Vehicles With a Turbocharger

WARNING

Do not switch the engine off when it is running at high speed. If you do, the turbocharger will continue running after the engine oil pressure has dropped to zero. This will lead to premature turbocharger bearing wear.

Release the accelerator pedal. Wait until the engine has reached idle speed and then switch it off.

SAFETY PRECAUTIONS

WARNINGS

Do not overfill the fuel tank. The pressure in an overfilled tank may cause leakage and lead to fuel spray and fire.

The fuel system may be under pressure. If you hear a hissing sound near the fuel filler door (Easy Fuel capless fuel system), do not refuel until the sound stops. Otherwise, fuel may spray out, which could cause serious personal injury.

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

The flow of fuel through a fuel pump nozzle can produce static electricity, which can cause a fire if fuel is pumped into an ungrounded fuel container.

Fuel ethanol and gasoline may contain benzene, which is a cancer-causing agent.

When refueling always shut the engine off and never allow sparks or open flames near the filler neck. Never smoke or use a cell phone while refueling. Fuel vapor is extremely hazardous under certain conditions. Avoid inhaling excess fumes.

Observe the following guidelines when handling automotive fuel:

- Extinguish all smoking materials and any open flames before refueling your vehicle.
- Always turn off the vehicle before refueling.
- 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, clothing or both, 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 QUALITY

WARNINGS

Do not mix gasoline with oil, diesel or other liquids. This could cause a chemical reaction.

Do not use leaded gasoline or gasoline with additives containing other metallic compounds (e.g. manganese-based). They could damage the emission system.

Note: *We recommend that you use only high quality fuel.*

Note: *We do not recommend the use of additional additives or other engine treatments for normal vehicle use.*

Use minimum 95 octane unleaded gasoline that meets the specification defined by EN 228 or the equivalent national specification.

Your vehicle is suitable for use with ethanol blends up to 10% (E5 and E10).

Long-Term Storage

Most gasoline contains ethanol. We recommend that you fill the fuel tank with fuel that does not contain ethanol if you intend to store your vehicle for more than two months. Alternatively, we recommend that you seek advice from an authorized dealer.

RUNNING OUT OF FUEL

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

If you have run out of fuel:

- You may need to cycle the ignition from off to on several times after refueling to allow the fuel system to pump the fuel from the tank to the engine. On restarting, cranking time will take a few seconds longer than normal. With keyless ignition, just start the engine. Crank time will be longer than usual.
- Normally, adding 1 gallon (4.6 liters) of fuel is enough to restart the engine. If your vehicle is out of fuel and on a steep grade, more than 1 gallon (4.6 liters) may be required.

Refilling With a Portable Fuel Container

WARNINGS

The flow of petrol through a pump nozzle can produce static electricity, which can cause a fire if petrol is pumped into a fuel container. To avoid static build up:

• Place the approved fuel container on the ground.

• Do not fill the container whilst in the vehicle or utility tray.

• Keep the nozzle in contact with the fuel container whilst filling.

Do not insert the nozzle of portable fuel containers or aftermarket funnels into the capless fuel system. This could damage the fuel system and its seal, and may cause fuel to run onto the ground instead of filling the tank, which could result in serious personal injury.

Do not try to pry open or push open the capless fuel system with foreign objects. This could damage the fuel system and its seal and cause injury to you or others.

Note: *Do not use aftermarket funnels; they will not work with the capless fuel system and can damage it. The included funnel has been specially designed to work safely with your vehicle.*

When filling your vehicle's fuel tank from a portable fuel container, use the funnel included with your vehicle.



E142668

1. Locate the plastic funnel in the glove box.
2. Slowly insert the funnel into the capless fuel system.
3. Fill your vehicle with fuel from the portable fuel container.
4. When done, clean the funnel or properly dispose of it. Extra funnels can be purchased from your authorized dealer if you choose to dispose of the funnel.

CATALYTIC CONVERTER

WARNING

Do not park or idle your vehicle over dry leaves, dry grass or other combustible materials. The exhaust will radiate a considerable amount of heat during use, and after you have switched the engine off. This is a potential fire hazard.

Driving with a Catalytic Converter

WARNINGS

Avoid running out of fuel.

Do not crank the engine for long periods.

Do not run the engine when a spark plug lead is disconnected.

Do not push-start or tow-start your vehicle. Use booster cables. See **Jump-Starting the Vehicle** (page 104).

Do not switch the ignition off when driving.

REFUELING

WARNINGS

Do not attempt to start the engine if you have filled the fuel tank with the incorrect fuel. This could damage the engine. Have the system checked by an authorized dealer immediately.

Do not use any kind of flames or heat near the fuel system. The fuel system is under pressure. There is a risk of injury if the fuel system is leaking.

If you use a high pressure spray to wash your vehicle, only spray the fuel filler flap briefly from a distance not less than 8 inches (200 millimeters).

We recommend that you wait at least 10 seconds before removing the fuel pipe nozzle to allow any residual fuel to drain into the fuel tank.

Stop refueling after the fuel nozzle stops the second time. Additional fuel will fill the expansion space in the fuel tank which could lead to fuel overflowing. Fuel spillage could be hazardous to other road users.

WARNINGS

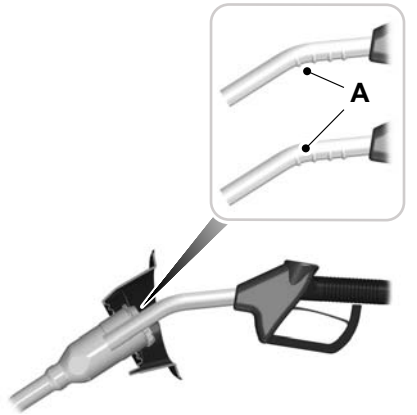
Do not remove the nozzle from its fully inserted position during the entire refueling process.

Note: *Your vehicle does not have a fuel filler cap.*



E140041

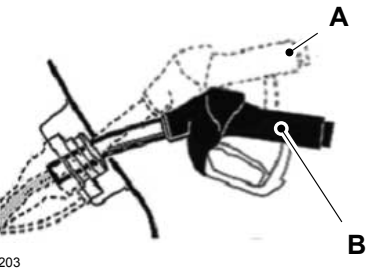
1. Open the flap fully until it engages.



E139202

Note: *When you insert the correct size fuel nozzle, a spring loaded inhibitor will open. This helps to avoid filling up with the wrong fuel.*

2. Insert the fuel nozzle up to and including the first notch on the nozzle A. Keep it resting on the cover of the fuel pipe opening.



E139203

3. Hold the nozzle in position B during refilling. Holding the nozzle in position A may affect the flow of fuel and shut off the fuel nozzle before the fuel tank is full.



E140042

4. Operate the nozzle within the area shown.



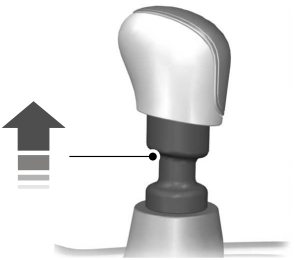
E119081

5. Slightly raise the fuel nozzle to remove it.

MANUAL TRANSMISSION

Selecting Reverse Gear

Do not engage reverse gear when your vehicle is moving. This can cause damage to the transmission.



E99067

On some vehicles it is necessary to raise the collar when you select reverse gear.

AUTOMATIC TRANSMISSION

WARNINGS

Always set the parking brake fully and make sure you move the transmission selector lever to position **P**. Switch the ignition off and remove the key whenever you leave your vehicle.

Do not apply the brake pedal and accelerator pedal simultaneously. Applying both pedals simultaneously for more than three seconds will limit engine rpm, which may result in difficulty maintaining speed in traffic and could lead to serious injury.

Note: *The system performs a series of checks when you switch the ignition off. You may hear a slight clicking sound. This is normal.*

Selector Lever Positions



E161746

P	Park
R	Reverse
N	Neutral
D	Drive
S	Sport mode and manual shifting
+	Manual shift up
-	Manual shift down

WARNING

Apply the brakes before moving the transmission selector lever and keep them applied until you are ready to move off.

Press the button on the transmission selector lever to change to each position.

The transmission selector lever position will be shown in the information display.

P (Park)

WARNINGS

Move the transmission selector lever to park only when your vehicle is stationary.

WARNINGS

Apply the parking brake and move the transmission selector lever to park before leaving your vehicle. Make sure that the transmission selector lever is latched in position.

Note: *An audible warning will sound if you open the driver's door and you have not moved the transmission selector lever to park.*

In this position, power is not transmitted to the drive wheels and the transmission is locked. You can start the engine with the transmission selector lever in this position.

R (Reverse)

WARNINGS

Move the transmission selector lever to reverse only when your vehicle is stationary and the engine is at idle speed.

Always come to a complete stop before shifting the transmission selector lever out of reverse.

Move the transmission selector lever to reverse to allow your vehicle to move backward.

N (Neutral)

In this position, power is not transmitted to the drive wheels but the transmission is not locked. You can start the engine with the transmission selector lever in this position.

D (Drive)

Note: *A shift will occur only when your vehicle speed and the engine speed are appropriate.*

Note: *You may temporarily override the current gear selected using the* **+** *and* **-** *buttons.*

Select drive to shift automatically through the forward gears.

The transmission will select the appropriate gear for optimum performance based on ambient temperature, road gradient, vehicle load and your input.

Sport Mode and Manual Shifting

Sport Mode

Note: *In sport mode the transmission operates as normal but gears are selected more quickly and at higher engine speeds.*

Note: *In sport mode* ***S*** *will be shown in the information display.*

Switch on sport mode by moving the transmission selector lever to position **S**. Sport mode will remain on until either you shift manually up or down the gears using **+** and **-** or move the transmission selector lever to position **D**.

Manual Shifting

WARNINGS

Do not hold the buttons permanently in **-** or **+**.

The transmission will automatically downshift when the engine speed is too low.

Press the **-** button to shift down and press the **+** button to shift up.

Gears may be skipped by pressing the buttons repeatedly at short intervals.

Manual mode also provides a kickdown function. See Kickdown.

Hints on Driving With an Automatic Transmission

WARNING

Do not idle the engine for long periods of time in drive with the brakes applied.

Moving Off

1. Release the parking brake.
2. Release the brake pedal and press the accelerator pedal.

Stopping

1. Release the accelerator pedal and press the brake pedal.
2. Apply the parking brake.
3. Move the transmission selector lever to **N** or **P**.

Kickdown

Press the accelerator pedal fully with the transmission selector lever in the drive position to select the next lowest gear for optimum performance. Release the accelerator pedal when you no longer require kickdown.

If Your Vehicle Gets Stuck In Mud or Snow

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

Note: *Do not rock your vehicle for more than a minute or damage to the transmission and tires may occur, or the engine may overheat.*

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

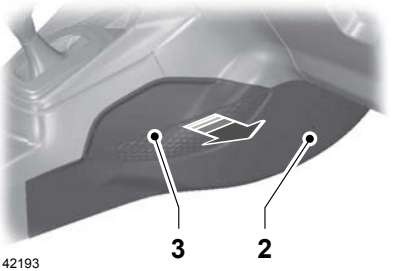
Emergency Park Position Release Lever

WARNINGS

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

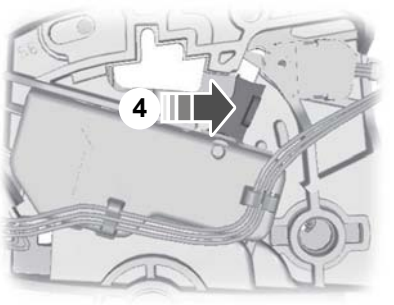
If the parking brake is fully released, but the brake warning lamp remains illuminated, the brakes may not be working correctly. See an authorized dealer.

Use the lever to move the transmission selector lever from the park position in the event of an electrical malfunction or if your vehicle battery has no charge.



E142193

1. Apply the parking brake and switch the ignition off before performing this procedure.
2. Remove the retaining screw.
3. Remove the center console side panel.



E142214

Note: *The lever is pink.*

4. Apply the brake pedal. Using a suitable tool rotate the lever forward while pulling the transmission selector lever out of the park position and into the neutral position.

Note: *See an authorized dealer as soon as possible if this procedure is used.*

HILL START ASSIST (IF EQUIPPED)

WARNINGS

The system does not replace the parking brake. When you leave your vehicle, always apply the parking brake and move the transmission selector lever into position **P** (Park).

You must remain in your vehicle once you have activated the system.

During all times, you are responsible for controlling your vehicle, supervising the system and intervening, if required.

If the engine is revved excessively, or if a malfunction is detected, the system will be deactivated.

The system makes it easier to pull away when your vehicle is on a slope without the need to use the parking brake.

When the system is active, your vehicle will remain stationary on the slope for two to three seconds after you release the brake pedal. This allows you time to move your foot from the brake to the accelerator pedal. The brakes are released automatically once the engine has developed sufficient drive to prevent your vehicle from rolling down the slope. This is an advantage when pulling away on a slope, (for example from a car park ramp, traffic lights or when reversing uphill into a parking space).

The system will activate automatically on any slope which can result in significant vehicle rollback.

Using Hill Start Assist

1. Press the brake pedal to bring your vehicle to a complete standstill. Keep the brake pedal pressed.
2. If the sensors detect that your vehicle is on a slope, the system will be activated automatically.
3. When you remove your foot from the brake pedal, your vehicle will remain on the slope without rolling away for approximately two or three seconds. This hold time will automatically be extended if you are in the process of driving off.
4. Drive off in the normal manner. The brakes will be released automatically.

Switching the System On and Off

Note: *The system can only be switched on and off for manual transmissions.*

Note: *Once you have switched off the system, it will remain off until you switch it on again.*

Your vehicle comes with the system already enabled. If desired, you can disable the feature: See **General Information** (page 51).

GENERAL INFORMATION

WARNING

The system does not relieve you of your responsibility to drive with due care and attention.

Note: *Occasional brake noise is normal. If a metal-to-metal, continuous grinding or continuous squeal sound is present, the brake linings may be worn-out. If the vehicle has continuous vibration or shudder in the steering wheel while braking, have your vehicle checked by an authorized dealer.*

Note: *Brake dust may accumulate on the wheels, even under normal driving conditions. Some dust is inevitable as the brakes wear. See* ***Cleaning the Alloy Wheels*** *(page 129).*

Wet brakes result in reduced braking efficiency. Gently press the brake pedal a few times when driving from a car wash or standing water to dry the brakes.

Emergency Brake Assist

Emergency brake assist detects when you brake heavily by measuring the rate at which you press the brake pedal. It provides maximum braking efficiency as long as you press the pedal. Emergency brake assist can reduce stopping distances in critical situations.

Anti-lock Brake System

This system helps you maintain steering control and vehicle stability during emergency stops by keeping the brakes from locking.

HINTS ON DRIVING WITH ANTI-LOCK BRAKES

Note: *When the system is operating, the brake pedal will pulse and may travel further. Maintain pressure on the brake pedal. You may also hear a noise from the system. This is normal.*

The anti-lock braking system will not eliminate the risks when:

- you drive too closely to the vehicle in front of you
- your vehicle is hydroplaning
- you take corners too fast
- the road surface is poor.

PARKING BRAKE

Vehicles With Automatic Transmission

WARNING

Always set the parking brake fully and leave your vehicle with the transmission selector lever in position P.

Note: *If you park your vehicle on a hill and facing uphill move the transmission selector lever to position P and turn the steering wheel away from the curb.*

Note: *If you park your vehicle on a hill and facing downhill move the transmission selector lever to position P and turn the steering wheel toward the curb.*

Vehicles With Manual Transmission

Note: *If you park your vehicle on a hill and facing uphill select first gear and turn the steering wheel away from the curb.*

Note: *If you park your vehicle on a hill and facing downhill select reverse gear and turn the steering wheel toward the curb.*

All Vehicles

Note: *Do not press the release button while pulling the lever up.*

To apply the parking brake:

1. Press the foot brake pedal firmly.
2. Pull the parking brake lever up to its fullest extent.

To release the parking brake:

1. Press the brake pedal firmly.
2. Pull the lever up slightly.
3. Press the release button and push the lever down.

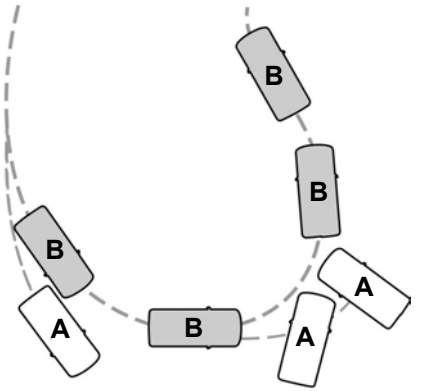
PRINCIPLE OF OPERATION

Electronic Stability Program

WARNING

The system does not relieve you of your responsibility to drive with due care and attention.

Note: *Electronic Stability Program (ESP) is also known as Dynamic Stability Control (DSC) or Electronic Stability Control (ESC).*



E72903

A Without ESP
B With ESP

The system supports stability when your vehicle starts to slide away from your intended path. This is performed by braking individual wheels and reducing engine torque as needed.

The system also provides an enhanced traction control function by reducing engine torque if the wheels spin when you accelerate. This improves your ability to pull away on slippery roads or loose surfaces, and improves comfort by limiting wheel spin in hairpin bends.

Stability Control Warning Lamp

While driving, it flashes when the system is operating. See **Warning Lamps and Indicators** (page 47).

USING STABILITY CONTROL

Note: *The system automatically switches on every time you switch the ignition on.*

You can switch the system on and off using the information display. See **General Information** (page 51).

PRINCIPLE OF OPERATION

WARNINGS

The system does not relieve you of your responsibility to drive with due care and attention.

If your vehicles has a non-Ford approved trailer tow module the system may not correctly detect objects.

The sensors may not detect objects in heavy rain or other conditions that cause disruptive reflections.

The sensors may not detect objects with surfaces that absorb ultrasonic waves.

The system does not detect objects that are moving away from your vehicle. They will only be detected shortly after they start to move toward your vehicle.

Take particular care when reversing with a tow ball arm or a rear fitted accessory. For example, a bicycle carrier. The rear parking aid will only indicate the approximate distance from the rear bumper to an object.

If you use a high pressure spray to wash your vehicle, only spray the sensors briefly from a distance not less than eight inches (20 centimeters).

Note: *If your vehicle has a tow ball arm, the system is turned off automatically when trailer lamps (or lighting boards) are connected to the 13-pin socket through a Ford approved trailer tow module.*

Note: *Keep the sensors free from dirt, ice or snow. Do not clean with sharp objects.*

Note: *The system may emit false alerts if it detects a signal using the same frequency as the sensors or if your vehicle is fully loaded.*

Note: *The outer sensors may detect the side walls of a garage. If the distance between the outer sensors and the side wall remains constant for three seconds, the alert will turn off. As you continue the inner sensors will detect objects directly behind your vehicle.*

PARKING AID

WARNINGS

To help avoid personal injury, read and understand the limitations of the system as contained in this section. Sensing is only an aid for some (generally large and fixed) objects when moving in reverse on a flat surface at parking speeds. Traffic control systems, inclement weather, air brakes and external motors and fans may also affect the function of the sensing system. This may include reduced performance or a false activation.

To help avoid personal injury, always use caution when moving in reverse and when using the sensing system.

This system is not designed to prevent contact with small or moving objects. The system is designed to provide a warning to assist the driver in detecting large stationary objects to avoid damaging the vehicle. The system may not detect smaller objects, particularly those close to the ground.

Certain add-on devices such as large trailer hitches, bike or surfboard racks and any device that may block the normal detection zone of the system, may create false audible warnings.

Note: *Keep the sensors located on the bumper or fascia free from snow, ice and large accumulations of dirt. If the sensors are covered, the system's accuracy can be affected. Do not clean the sensors with sharp objects.*

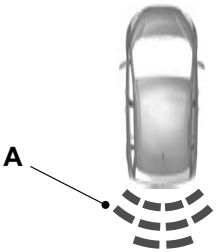
Note: *If your vehicle sustains damage to the bumper or fascia, leaving it misaligned or bent, the sensing zone may be altered causing inaccurate measurement of obstacles or false alarms.*

The system warns you of obstacles within a certain range of the bumper area.

When receiving a detection warning, the radio volume is reduced to a predetermined level. After the warning goes away, the radio volume returns to the previous level.

Rear Sensing System

The rear sensors are only active when you move the transmission selector lever to position **R** (reverse). As your vehicle moves closer to the obstacle, the rate of the audible warning increases. When the obstacle is fewer than 12 inches (30 centimeters) away, the audible warning sounds continuously. If a stationary or receding object is detected farther than 12 inches (30 centimeters) from the side of your vehicle, the audible warning sounds for only three seconds. Once the system detects an object approaching, the audible warning sounds again.



E130178

A Coverage area of up to 72 inches (183 centimeters) from the rear bumper (with a decreased coverage area at the outer corners of the bumper).

The system detects certain objects when you move the transmission selector lever to position **R** (reverse):

- and your vehicle is moving toward a stationary object at a speed of 3 mph (5 km/h) or less
- but your vehicle is not moving, and a moving object is approaching the rear of your vehicle at a speed of 3 mph (5 km/h) or less
- and your vehicle is moving at a speed of less than 3 mph (5 km/h) and a moving object is approaching the rear of your vehicle at a speed of less than 3 mph (5 km/h).

Move the transmission selector lever from position **R** (reverse) to turn the system off. If a fault is present in the system, a warning message appears in the information display and does not allow you to switch the system on.

PRINCIPLE OF OPERATION

WARNINGS

The system does not relieve you of your responsibility to drive with due care and attention.

Do not use cruise control in heavy traffic, on winding roads or when the road surface is slippery. This could result in loss of vehicle control, serious injury or death.

When you are going downhill, your vehicle speed may increase above the set speed. The system will not apply the brakes. Change down a gear to assist the system in maintaining the set speed. Failure to do so could result in loss of vehicle control, serious injury or death.

Cruise control allows you to control your speed using the switches on the steering wheel. You can use cruise control when you exceed approximately 20 mph (30 km/h).

USING CRUISE CONTROL

WARNINGS

Do not use cruise control in heavy traffic, on winding roads or when the road surface is slippery. This could result in loss of vehicle control, serious injury or death.

When you are going downhill, your speed may increase above the set speed. The system will not apply the brakes. Change down a gear to assist the system in maintaining the set speed. Failure to do so could result in loss of vehicle control, serious injury or death.

Note: *Cruise control will disengage if your vehicle speed decreases more than 10 mph (16 km/h) below your set speed while driving uphill.*



E102679

The cruise controls are located on the steering wheel.

Switching Cruise Control On

Press and release **ON**.



The indicator will display in the instrument cluster.

Setting a Speed

1. Accelerate to the desired speed.
2. Press and release **SET+**.
3. Take your foot off the accelerator pedal.

Changing the Set Speed

- Press and hold **SET+** or **SET-**. Release the control when you reach the desired speed.
- Press and release **SET+** or **SET-**. The set speed will change in approximately 1 mph (2 km/h) increments.
- Press the accelerator or brake pedal until you reach the desired speed. Press and release **SET+**.

Canceling the Set Speed

Press and release **CAN**, or tap the brake pedal. The set speed will not be erased.

Resuming the Set Speed

Press and release **RES**.

Switching Cruise Control Off

Note: *You will erase the set speed if you switch the system off.*

Press and release **OFF** or switch the ignition off.

GENERAL INFORMATION

WARNINGS

Use load securing straps to an approved standard, e.g. DIN.

Make sure that you secure all loose items properly.

Place luggage and other loads as low and as far forward as possible within the luggage or loadspace.

Do not drive with the liftgate or rear door open. Exhaust fumes may enter your vehicle.

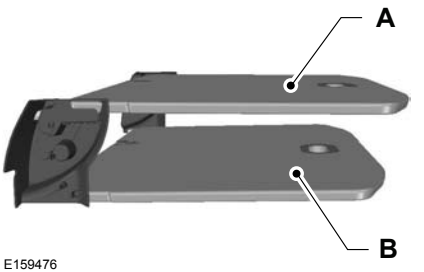
Do not exceed the maximum front and rear axle loads for your vehicle.

Heavy loads, when placed in the passenger compartment, should be on folded rear seats as shown. See **Rear Seats** (page 70).

Do not allow items to contact the rear windows.

REAR UNDER FLOOR STORAGE (IF EQUIPPED)

Adjustable Load Floor

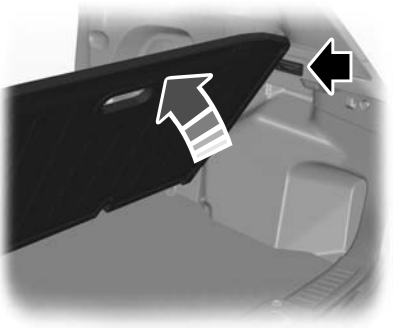


E159476

A Upper position

B Lower position

The load floor can be placed in either position on shelves located at the rear of the luggage compartment trim.



E157606

You can hold the load floor open. Use the stoppers located at the side of the luggage compartment to hold the floor up.

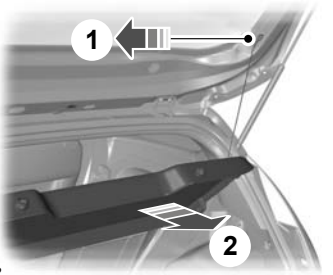
LUGGAGE COVERS

WARNINGS

Make sure that the posts are properly latched in mounting features. The cover may cause injury in a sudden stop or accident if it is not securely installed.

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

Removing the Cover



E72512

TOWING A TRAILER

WARNINGS

Only use the Ford approved trailer wiring kit (including the trailer wiring module) when towing with your vehicle. Using generic trailer wiring kits may prevent the correct operation of the rear parking sensors (where fitted) and could damage the electrical systems of your vehicle.

Aftermarket load levelling kits or weight distribution hitches are not suitable for use on the Ford approved towbar.

See Information label on the towbar. Failure to adhere to this warning could result in loss of vehicle control, serious personal injury or death.

Do not exceed the maximum permissible nose weight, e.g. vertical weight on the tow ball. Failure to adhere to this warning could result in loss of vehicle control, serious personal injury or death.

Place loads as low as possible and central to the axle(s) of your trailer. If you are towing with an unladen vehicle, the load in your trailer should be placed toward the nose, within the maximum nose load, as this gives the best stability.

The stability of your vehicle to trailer combination is very much dependant on the quality of the trailer.

In high altitude regions above 3281 feet (1000 metres), the stipulated maximum permitted gross train weight must be reduced by 10% for every additional 3281 feet (1000 metres).

Note: *The electrical system is not suitable for towing trailers with more than one rear fog lamp.*

Ford standard duty towpack

Ford approved standard duty towpack is specially designed to comply with Australia Design Rules (ADR) and correctly interface with the unique Fiesta body structure. Use only the Ford approved towpack when towing and make sure it is properly attached to your vehicle. See your Ford dealer or a reliable trailer dealer if you require assistance.

Read and follow the instructions included with the towing accessories for the proper installation and adjustment specifications of towing equipment.

The towpack consist of:

- Maximum 900 kg rated towbar and gooseneck
- Ford approved trailer wiring kit
- Ford approved towball

Steep Gradients

WARNING

The anti-lock braking system does not control the overrun brake on the trailer. Failure to take care may result in loss of vehicle control, serious personal injury or death.

Use a low gear when descending a steep downhill gradient.

TOWING POINTS

Front Towing Point

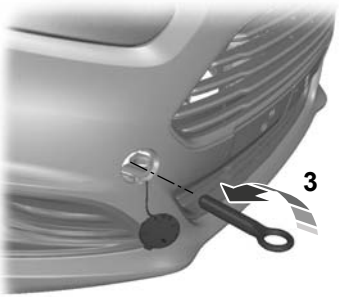
WARNING

The recovery hook has a left-hand thread. Turn it counterclockwise to install it. Make sure that it is fully tightened. Failure to do so could result in the recovery hook becoming loose.



E152070

1. Push the cover.
2. Release the cover.



E152071

3. Install the recovery hook.

The recovery hook is located in the spare wheel well.

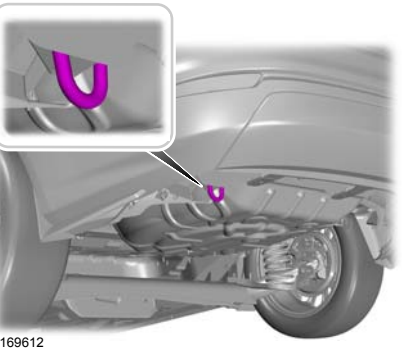
You must carry the recovery hook in your vehicle at all times.

Rear Towing Point



E102895

Remove the cover.



E169612

RECOMMENDED TOWING WEIGHTS

Note: *Do not exceed the trailer weight for your vehicle configuration listed in the chart below.*

Note: *Be sure to take into consideration trailer frontal area. Do not exceed 1.86 metres if your vehicle is not equipped with a towing package or 2.79 metres if your vehicle is equipped with a towing package.*

Note: *There are legal limits for maximum towing weights. This may vary according to the region in which your vehicle is operated. Check the local laws and regulations before towing a trailer.*

Maximum Towing Weights

Powertrain	Gross Vehicle Mass (GVM) kg	Maximum combined vehicle and trailer weight kg	Rear axle load limit kg	Maximum Trailer Nose Weight kg	Maximum Braked Trailer Weight kg	Maximum Unbraked Trailer Weight kg
1.0L EcoBoost™ with manual transmission	1,575 kg	2,475 kg	785 kg	50 kg	900 kg	550 kg
1.0L EcoBoost™ with auto transmission	1,575 kg	2,475 kg	785 kg	50 kg	900 kg	550 kg
1.5L Duratec with manual transmission	1,575 kg	2,475 kg	785 kg	50 kg	900 kg	540 kg
1.5L Duratec with auto transmission	1,575 kg	2,025 kg	785 kg	50 kg	450 kg	450 kg

Recommended Trailer Nose Weight

Trailer Weight kg	Recommended Trailer Nose Weight
Up to 500 kg	10% of the trailer weight
Over 500 kg	50 kg

ESSENTIAL TOWING CHECKS

Follow these guidelines for safe towing:

- Do not tow a trailer until you drive your vehicle at least 1000 miles (1600 kilometres).
- Consult your local motor vehicle laws for towing a trailer.
- See the instructions included with towing accessories for the proper installation and adjustment specifications.
- Service your vehicle more frequently if you tow a trailer. See your scheduled maintenance information.
- If you use a rental trailer, follow the instructions the rental agency gives you.

Another chapter of this manual contains load specification terms found on the tire label and Safety Compliance label and instructions on calculating your vehicle's load.

Remember to account for the trailer tongue weight as part of your vehicle load when calculating the total vehicle weight.

Hitches

Do not use a hitch that either clamps onto the bumper or attaches to the axle.

It is recommended that you load your trailer so 10% of the trailer weight is on the tow ball. You must not exceed the maximum permissible trailer nose weight. See **Recommended Towing Weights** (page 97).

Safety Chains

Note: *Never attach safety chains to the bumper.*

Always connect the safety chains to the hook retainers of your vehicle hitch.

To connect the safety chains, cross them under the trailer tongue and allow enough slack for turning tight corners. Do not allow the chains to drag on the ground.

Trailer Brakes

WARNING

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.

Electric brakes and manual, automatic or surge-type trailer brakes are safe if you install them properly and adjust them to the manufacturer's specifications. The trailer brakes must meet local and federal regulations.

The rating for the tow vehicle's braking system operation is at the gross vehicle weight rating, not the gross combined weight rating.

Separate functioning brake systems are required for safe control of towed vehicles and trailers weighing more than 1500 pounds (680 kilograms) when loaded.

Trailer Lamps

WARNING

Never connect any trailer lamp wiring to the vehicle's tail lamp wiring; this may damage the electrical system resulting in fire. Contact your authorized dealer as soon as possible for assistance in proper trailer tow wiring installation. Additional electrical equipment may be required.

Trailer lamps are required on most towed vehicles. Make sure all running lights, brake lights, turn signals and hazard lights are working.

Before Towing a Trailer

Practice turning, stopping and backing up to get the feel of your vehicle-trailer combination before starting on a trip. When turning, make wider turns so the trailer wheels clear curbs and other obstacles.

When Towing a Trailer

- Do not make full-throttle starts.
- Check your hitch, electrical connections and trailer wheel lug nuts thoroughly after you have travelled 50 miles (80 kilometres).
- When stopped in congested or heavy traffic during hot weather, place the gearshift in position **P** to aid engine and transmission cooling and to help A/C performance.
- Turn off the speed control with heavy loads or in hilly terrain. The speed control may turn off automatically when you are towing on long, steep grades.
- Shift to a lower gear when driving down a long or steep hill. Do not apply the brakes continuously, as they may overheat and become less effective.
- If your transmission is equipped with a Grade Assist or Tow/Haul feature, use this feature when towing. This provides engine braking and helps eliminate excessive transmission shifting for optimum fuel economy and transmission cooling.
- Allow more distance for stopping with a trailer attached. Anticipate stops and brake gradually.
- Avoid parking on a grade. However, if you must park on a grade:
  - Turn the steering wheel to point your vehicle tires away from traffic flow.
  - Set your vehicle parking brake.
  - Place the automatic transmission in position **P**.
  - Place wheel chocks in front and back of the trailer wheels. (Chocks not included with vehicle.)

Launching or Retrieving a Boat or Personal Watercraft (PWC)

Note: *Disconnect the wiring to the trailer **before** backing the trailer into the water.*

Note: *Reconnect the wiring to the trailer **after** the trailer is removed from the water.*

When backing down a ramp during boat launching or retrieval:

- Do not allow the static water level to rise above the bottom edge of the rear bumper.
- Do not allow waves to break higher than 6 inches (15 centimetres) above the bottom edge of the rear bumper.

Exceeding these limits may allow water to enter vehicle components:

- Causing internal damage to the components.
- Affecting driveability, emissions, and reliability.

Replace the rear axle lubricant anytime the rear axle has been submerged in water. Water may have contaminated the rear axle lubricant, which is not normally checked or changed unless a leak is suspected or other axle repair is required.

TOWING THE VEHICLE ON FOUR WHEELS

All Vehicles

WARNINGS


You must switch the ignition on when your vehicle is being towed.


The brake and steering assistance will not operate unless the engine is running. Press the brake pedal harder and allow for increased stopping distances and heavier steering.


Too much tension in the tow rope could cause damage to your vehicle or the vehicle that is towing.


Do not use a rigid tow bar on the front towing eye.


When towing your vehicle you must select neutral.

Drive off slowly and smoothly without jerking the towed vehicle.

Vehicles with Automatic Transmission

WARNINGS


If a speed of 12 mph (20 km/h) and a distance of 12 miles (20 kilometers) is to be exceeded the drive wheels must be lifted clear of the ground.


It is recommended not to tow with the drive wheels on the ground. However, if it is required to move your vehicle from a dangerous location, do not tow your vehicle faster than 12 mph (20 km/h) or further than 12 miles (20 kilometers).


Do not tow your vehicle backward.

WARNINGS


In the event of a mechanical failure of the transmission the drive wheels must be lifted clear of the ground.


Do not tow your vehicle if the ambient temperature is below 32ºF (0ºC).

BREAKING-IN

Tires

WARNING

New tires need to be run-in for approximately 300 miles (500 kilometers). During this time, you may experience different driving characteristics.

Brakes and Clutch

WARNING

Avoid heavy use of the brakes and clutch if possible for the first 100 miles (150 kilometers) in town and for the first 1000 miles (1500 kilometers) on freeways.

Engine

WARNING

Avoid driving too fast during the first 1000 miles (1500 kilometers). Vary your speed frequently and change up through the gears early. Do not labor the engine.

COLD WEATHER PRECAUTIONS

The functional operation of some components and systems can be affected at temperatures below -25ºC.

DRIVING THROUGH WATER

WARNINGS

Drive through water in an emergency only and not as part of normal driving.

WARNINGS

Engine damage can occur if water enters the air filter.

In an emergency, you can drive your vehicle through water to a maximum depth of 8 inches (200 millimeters) and at a maximum speed of 6 mph (10 km/h). You must take extra care when driving through flowing water.

When driving in water, maintain a low speed and do not stop your vehicle. After driving through water and as soon as it is safe to do so:

- Depress the brake pedal lightly to check that the brakes are functioning correctly.
- Check that the horn works.
- Check that your vehicle's lamps are fully operational.
- Check the power assistance of the steering system.

FLOOR MATS



E142666

WARNINGS


Always use floor mats that are designed to fit the foot well of your vehicle, leaving the pedal area unobstructed, and which can be firmly secured to retention posts so that they cannot slip out of position and interfere with the pedals or impair safe operation of your vehicle in other ways.


Incorrectly fitted floor mats can cause the accelerator pedal to become stuck in the open position. This can cause loss of vehicle control.


Always correctly install the floor mats to the retention posts so that they cannot slip out of position or obstruct pedal operation.


Do not place unsecured floor mats or any other covering in the foot well.


Do not place additional floor mats or any other covering on top of the original floor mats. This will reduce the pedal clearance and interfere with the pedal operation.


Do not allow objects to fall or become trapped under the pedals of your vehicle. This can cause loss of vehicle control.


Carry out regular inspections to make sure the floor mats are secure.

To install the floor mats, position the floor mat eyelet over the retention post and press down to lock in position.

Remove in reverse order.

HAZARD WARNING FLASHERS



The hazard warning button is located on the instrument panel. Use it when your vehicle is creating a safety hazard for other motorists.

Press the button to turn on the hazard warning function, and the front and rear direction indicators will flash.

Press the button again to turn them off.

Note: *If used when the engine is not running, the battery will lose charge. There may be insufficient power to restart your engine.*

Note: *Depending on applicable laws and regulations in the country for which your vehicle was originally built, the hazard warning flashers may flash if you brake heavily.*

WARNING TRIANGLE

Space is provided in the luggage compartment.

JUMP-STARTING THE VEHICLE

WARNINGS

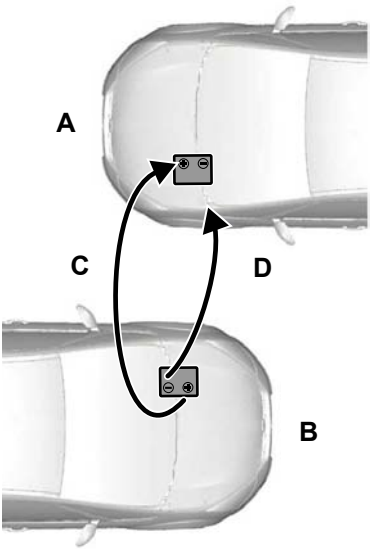
Do not use fuel lines, engine rocker covers or the intake manifold as grounding points.

Connect batteries with only the same nominal voltage.

Always use booster cables with insulated clamps and adequate size cable.

Note: *Do not disconnect the battery from your vehicle's electrical system.*

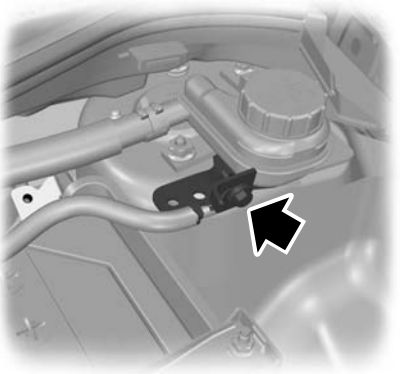
To Connect the Booster Cables



E102925

A	Vehicle with low charge battery
B	Booster battery vehicle
C	Positive connection cable
D	Negative connection cable

1. Position the vehicles so that they do not touch one another.
2. Switch off the engine and any electrical equipment.
3. Connect the positive (+) terminal of vehicle B with the positive (+) terminal of vehicle A (cable C).



E102923

4. Connect the negative (-) terminal of vehicle B to the ground connection of vehicle A (cable D).

WARNINGS

Do not connect directly to the negative (–) terminal of the battery with low charge.

Make sure that the cables are clear of any moving parts and fuel delivery system parts.

To Start the Engine

1. Run the engine of vehicle B at a moderately high speed.
2. Start the engine of vehicle A.
3. Run both vehicles for a minimum of three minutes before disconnecting the cables.

WARNING

Do not switch on the headlamps when disconnecting the cables. The peak voltage could blow the bulbs.

Disconnect the cables in the reverse order.

FUSE BOX LOCATIONS

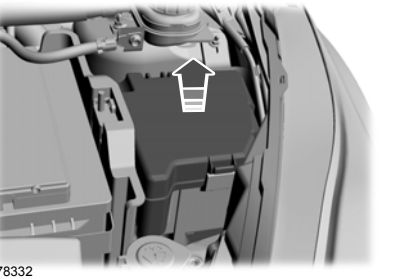
WARNINGS

Always disconnect the battery before servicing high current fuses.

To reduce risk of electrical shock, always replace the cover to the engine compartment fuse box before reconnecting the battery or refilling fluid reservoirs.

Do not modify the electrical system of your vehicle in any way. Have repairs to the electrical system and the replacement of relays and high current fuses carried out by properly trained technicians.

Engine Compartment Fuse Box



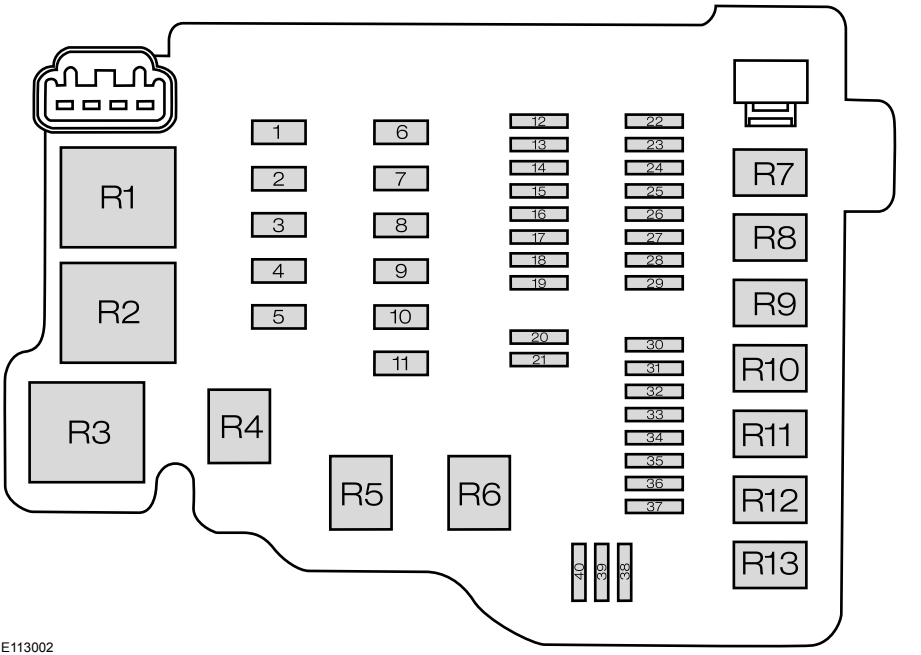
E78332

Passenger Compartment Fuse Box

This fuse box is located behind the glove box. Open the glove box and empty the contents. Press the sides inwards and swivel the glove box downward.

FUSE SPECIFICATION CHART

Engine Compartment Fuse Box



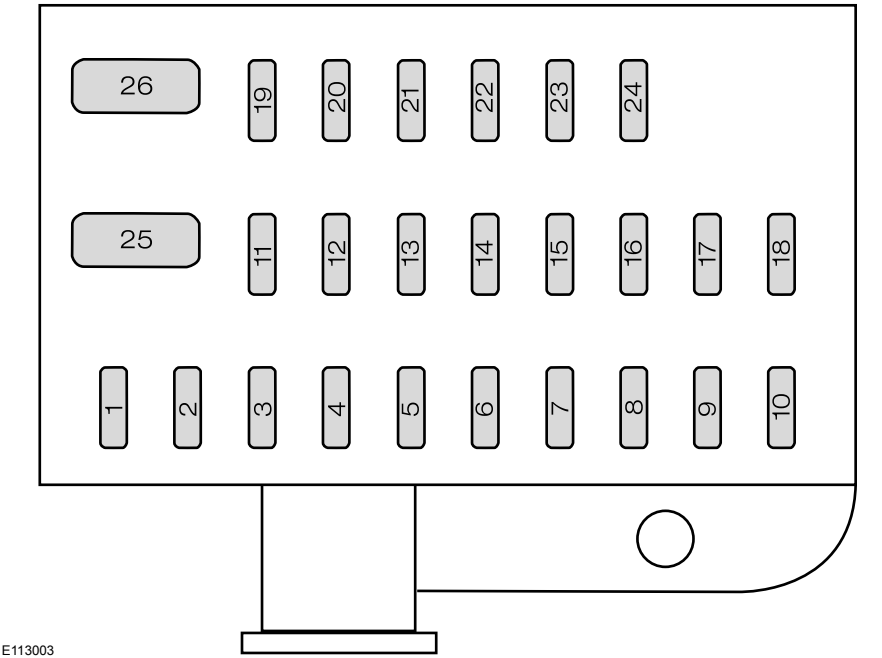
Fuse	Fuse rating	Circuits protected
1	40 A	Anti-lock braking system
2	60 A	Cooling system fan high speed, cooling system fan low speed
3	40 A	Cooling system fan low speed
4	30 A	Heater blower
5	60 A	Passenger compartment fuse box supply (battery)
6	30 A	Body control module
7	60 A	Ignition relay

Fuse	Fuse rating	Circuits protected
8	40 A	Heated windshield
9	40 A	Heated windshield
10	40A	Automatic transmission module
11	30 A	Starter relay
12	7.5A	Headlamp leveling, lighting switch
13	7.5A	Reversing lamp, parking aid module
14	20A	Ignition coils
15	15A	Run-on waterpump, air conditioning compressor
16	15A	Powertrain control module
17	15A	Powertrain control module, fuel pump relay
18	7.5A	Heated rear window
19	7.5A	Heated rear window
20	10A	High beam left-hand side
21	10A	High beam right-hand side
22	15A	Exterior lamps
23	15A	Front fog lamps
24	15A	Direction indicators
25	15A	Exterior lamps
26	7.5A	Electric exterior mirrors, power windows
27	10A	Power control module
28	20A	Horn
29	10A	Air conditioning clutch
30	-	Not used
31	-	Not used
32	20A	Horn, battery back-up sounder
33	20A	Heated rear window
34	20A	Fuel pump relay

Fuse	Fuse rating	Circuits protected
35	-	Not used
36	20A	Anti-lock braking system
37	-	Not used
38	-	Not used
39	-	Not used
40	-	Not used

Relay	Circuits switched
R1	High speed cooling system fan
R2	Ignition relay
R3	Power control module
R4	High beam
R5	Not used
R6	Automatic transmission reversing lamp switch
R7	Low speed cooling system fan
R8	Engine start inhibitor
R9	Air conditioning clutch
R10	Front fog lamps
R11	Fuel pump
R12	Horn
R13	Heater blower

Passenger Compartment Fuse Box



Fuse	Fuse rating	Circuits protected
1	7.5A	Ignition, audio system, instrument cluster
2	10A	Airbag module
3	-	Not used
4	-	Not used
5	-	Not used
6	10A	Passive anti-theft system, electric power assisted steering, instrument cluster, body control module, anti-lock braking system, heater blower
7	10A	Automatic transmission, powertrain control module, engine cooling fan

Fuse	Fuse rating	Circuits protected
8	20A	Keyless starting
9	10A	Brake lamps
10	20A	Windshield wipers
11	7.5A	Information and entertainment display, climate control
12	15A	Audio system, SYNC
13	20A	Cigar lighter, auxilliary power points
14	20A	Moonroof
15	15A	On-board diagnostics connector
16	20A	Keyless starting
17	15A	Ignition switch
18	7.5A	Instrument cluster
19	7.5A	Front fog lamps
20	7.5A	Climate control
21	7.5A	Parking heater
22	15A	Washer pump
23	7.5A	Moonroof
24	15A	Rear window wiper
25	30A	Rear power windows
26	30A	Front power windows

CHANGING A FUSE

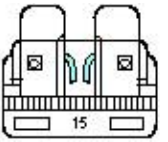
WARNINGS

Do not modify the electrical system of your vehicle in any way. Have repairs to the electrical system and the replacement of relays and high current fuses carried out by an authorized dealer.

WARNINGS

Switch the ignition and all electrical equipment off before attempting to change a fuse.

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.



E142430

If electrical components in your vehicle are not working, a fuse may have blown. A break in the fuse wire will indicate a blown fuse. Check the appropriate fuses before replacing any electrical components.

GENERAL INFORMATION

Have your vehicle serviced regularly to help maintain its roadworthiness and resale value. There is a large network of Ford authorized repairers that are there to help you with their professional servicing expertise. Authorized repairers are best qualified to service your vehicle properly and expertly, with a wide range of highly specialized tools.

In addition to regular servicing, we recommend that you carry out the following checks.

WARNINGS

Switch the ignition off before touching or attempting adjustment of any kind.

Do not touch the electronic ignition system parts after you have switched the ignition on or when the engine is running. The system operates at high voltage.

Keep your hands and clothing clear of the engine cooling fan. Under certain conditions, the fan may continue to run for several minutes after you have switched the engine off.

Make sure that you fit filler caps securely after carrying out maintenance checks.

Daily Checks

- Exterior lamps.
- Interior lamps.
- Warning lamps and indicators.

Check When Refueling

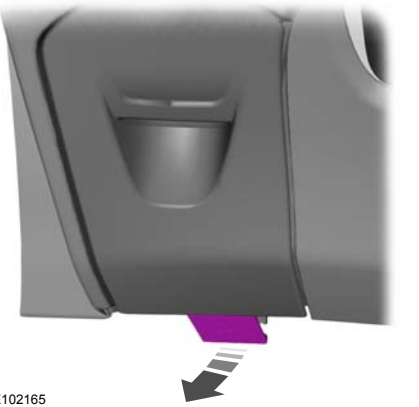
- Engine oil level. See **Engine Oil Check** (page 117).
- Brake fluid level. See **Brake and Clutch Fluid Check** (page 118).
- Washer fluid level. See **Washer Fluid Check** (page 119).
- Tire pressures (when cold). See **Technical Specifications** (page 136).
- Tire condition. See **Wheels and Tires** (page 130).

Monthly Checks

- Engine coolant level (engine cold). See **Engine Coolant Check** (page 117).
- Pipes, hoses and reservoirs for leaks.
- Air conditioning operation.
- Parking brake operation.
- Horn operation.
- Tightness of lug nuts. See **Technical Specifications** (page 136).

OPENING AND CLOSING THE HOOD

Opening the Hood

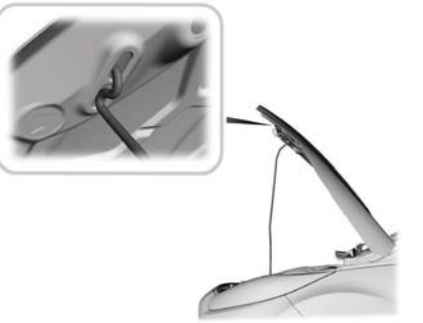

E102165

1. Pull the hood release handle.



E163236

2. Move the catch to the left.



E87786

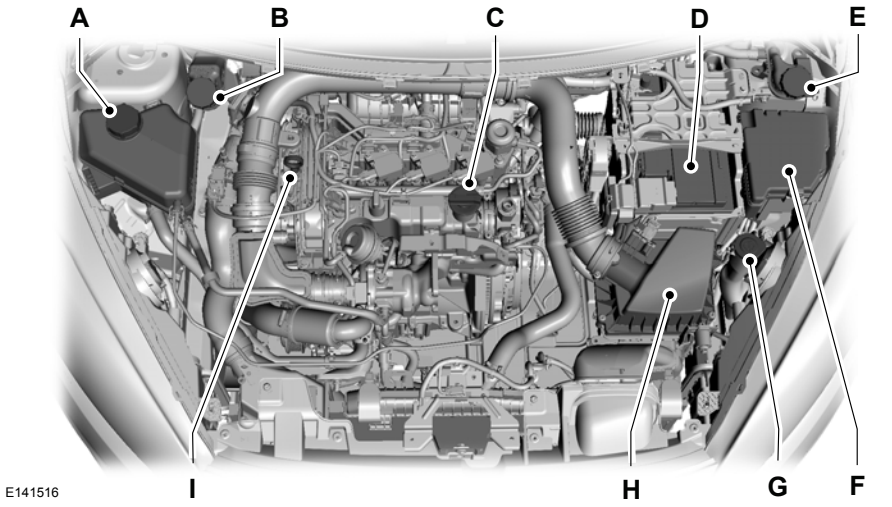
3. Open the hood and support it with the hood strut.

Closing the Hood

1. Remove the hood strut from the catch and secure correctly after use.
2. Lower the hood and allow it to drop from under its own weight for the last 8 - 11 inches (20 – 30 centimeters).

Note: *Make sure that you have closed the hood correctly.*

UNDER HOOD OVERVIEW - 1.0L ECOBOOST™



A Engine coolant reservoir*: See **Engine Coolant Check** (page 117).

B Brake and clutch fluid reservoir (right-hand drive)*: See **Brake and Clutch Fluid Check** (page 118).

C Engine oil filler cap*: See **Engine Oil Check** (page 117).

D Battery: See **Changing the 12V Battery** (page 119).

E Brake and clutch fluid reservoir (left-hand drive)*: See **Brake and Clutch Fluid Check** (page 118).

F Engine compartment fuse box. See **Fuses** (page 106).

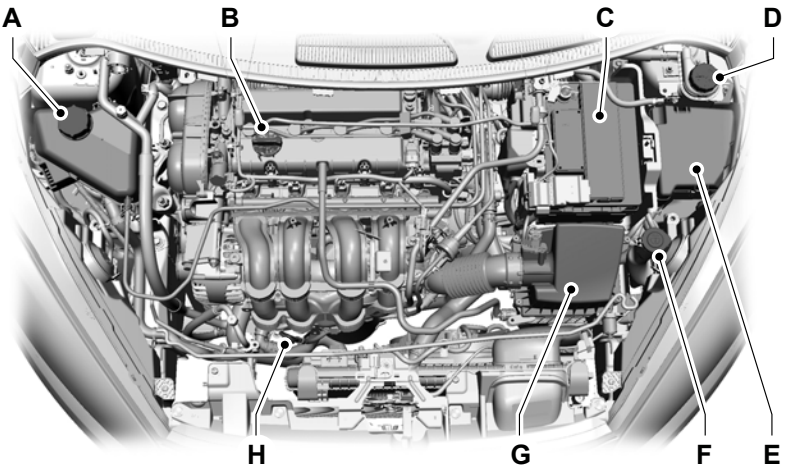
G Windshield and rear window washer fluid reservoir: See **Washer Fluid Check** (page 119).

H Air cleaner: No maintenance necessary.

I Engine oil dipstick*: See **Engine Oil Check** (page 117).

* The filler caps and the engine oil dipstick are colored for easy identification.

UNDER HOOD OVERVIEW - 1.5L DURATEC-16V TI-VCT (81KW/110PS) - SIGMA



E161500

A Engine coolant reservoir*: See **Engine Coolant Check** (page 117).

B Engine oil filler cap*: See **Engine Oil Check** (page 117).

C Battery: See **Changing the 12V Battery** (page 119).

D Brake and clutch fluid reservoir (left-hand drive)*: See **Brake and Clutch Fluid Check** (page 118).

E Engine compartment fuse box. See **Fuses** (page 106).

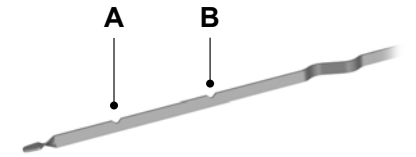
F Windshield and rear window washer fluid reservoir: See **Washer Fluid Check** (page 119).

G Air cleaner: No maintenance necessary.

H Engine oil dipstick*: See **Engine Oil Check** (page 117).

* The filler caps and the engine oil dipstick are colored for easy identification.

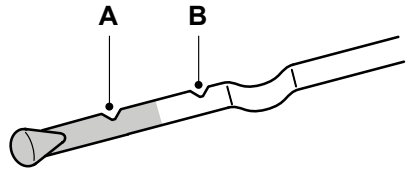
ENGINE OIL DIPSTICK - 1.0L ECOBOOST™



E141337

A Minimum
B Maximum

ENGINE OIL DIPSTICK - 1.5L DURATEC-16V TI-VCT (81KW/ 110PS) - SIGMA



E95540

A Minimum
B Maximum

ENGINE OIL CHECK

1. Make sure that your vehicle is on level ground.
2. Switch off the engine and wait 10 minutes for the oil to drain into the oil pan.
3. Remove the dipstick and wipe it with a clean, lint free cloth. Replace the dipstick and remove it again to check the oil level.

If the oil level is at the minimum mark, add oil immediately.

Note: *Check the oil level before starting the engine.*

Note: *Make sure that the oil level is between the minimum and the maximum marks.*

Note: *Do not use oil additives or other engine treatments. Under certain conditions, they may damage the engine.*

Note: *The oil consumption of new engines reaches its normal level after approximately 3000 miles (5000 kilometers).*

Adding Oil

WARNINGS

Only add oil when the engine is cold. If the engine is hot, wait 10 minutes for the engine to cool down. Failure to take care may result in personal injury.

Do not remove the filler cap when the engine is running. Failure to take care may result in personal injury.

1. Remove the filler cap.
2. Add oil that meets Ford specifications.
3. Replace the filler cap. Turn it until you feel a strong resistance.

Note: *Do not add oil further than the maximum mark. Oil levels above the maximum mark may cause engine damage.*

Note: *Soak up any spillage with an absorbent cloth immediately.*

ENGINE COOLANT CHECK

WARNING

Do not allow the fluid to touch your skin or eyes. If this happens, rinse the affected areas immediately with plenty of water and contact your physician.

Note: *Make sure that the level is between the **MIN** and the **MAX** marks.*

Note: *Coolant expands when it is hot. The level may therefore extend beyond the **MAX** mark.*

If the level is at the **MIN** mark, add coolant immediately.

Adding Engine Coolant

WARNINGS

Only add coolant when the engine is cold. If the engine is hot, wait 10 minutes for the engine to cool down.

Do not remove the filler cap when the engine is running.

Do not remove the filler cap when the engine is hot. Wait for the engine to cool down.

Undiluted coolant is flammable and may ignite if spilt on a hot exhaust.

Note: *In an emergency, you can add just water to the cooling system to reach a vehicle service station. Have the system checked by an authorized dealer as soon as possible.*

Note: *Prolonged use of incorrect dilution of the coolant can cause engine damage from corrosion, overheating or freezing.*

Note: *Do not add coolant further than the **MAX** mark.*

1. Remove the filler cap. Any pressure will escape slowly as you unscrew the cap.
2. Add a 50/50 mixture of coolant and water using fluid that meets the Ford specifications.
3. Replace the filler cap. Turn it until you feel a strong resistance.

BRAKE AND CLUTCH FLUID CHECK

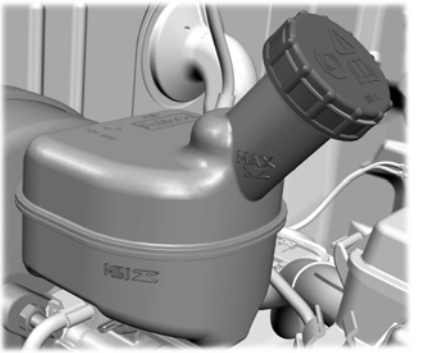
WARNINGS

Do not use any fluid other than the recommended brake fluid as this will reduce brake efficiency. Use of incorrect fluid could result in the loss of vehicle control, serious personal injury or death.

Only use brake fluid from a sealed container. Contamination with dirt, water, petroleum products or other materials may result in brake system damage or failure. Failure to adhere to this warning could result in the loss of vehicle control, serious personal injury or death.

Do not allow the fluid to touch your skin or eyes. This could cause serious personal injury. Rinse the affected areas immediately with plenty of water and consult a physician.

A fluid level between the **MAX** and **MIN** lines is within the normal operating range and there is no need to add fluid. A fluid level outside of the normal operating range could compromise the performance of the brake or clutch systems. Have your vehicle checked immediately.


E169063

Note: *The brake and the clutch systems are supplied from the same reservoir.*

WASHER FLUID CHECK

Note: *The reservoir supplies the front and rear washer systems.*

When adding fluid, use a mixture of washer fluid and water to help prevent freezing in cold weather and improve the cleaning capability. We recommend that you use only high quality washer fluid.

For information on fluid dilution, refer to the product instructions.

CHANGING THE 12V BATTERY

WARNING

For vehicles with Start-Stop the battery requirement is different. You must replace the battery with one of exactly the same specification.

The battery is located in the engine compartment. See **Maintenance** (page 113).

Note: *You must reset the bounce-back feature for the power windows. See **Power Windows** (page 43).*

Make sure that you dispose of old batteries in an environmentally friendly way.

Seek advice from your local authority about recycling old batteries.

CHECKING THE WIPER BLADES


E142463

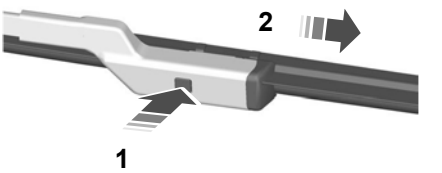
Run the tip of your fingers over the edge of the blade to check for roughness.

Clean the wiper blades with washer fluid or water applied with a soft sponge or cloth.

CHANGING THE WIPER BLADES

Windshield Wiper Blades

Changing the Windshield Wiper Blades



E72899

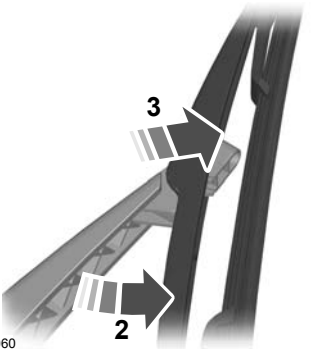
1. Press the locking button.

2. Remove the wiper blade.
3. Install in the reverse order.

Note: *Make sure that the wiper blade locks into place.*

Rear Window Wiper Blade

1. Lift the wiper arm.



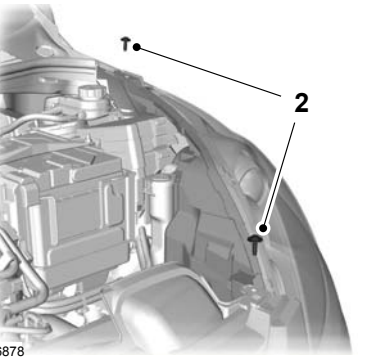
E130060

2. Slightly rotate the wiper blade from the wiper arm
3. Disengage the wiper blade from the wiper arm.
4. Remove the wiper blade.
5. Install in the reverse order.

Note: *Make sure that the wiper blade locks into place.*

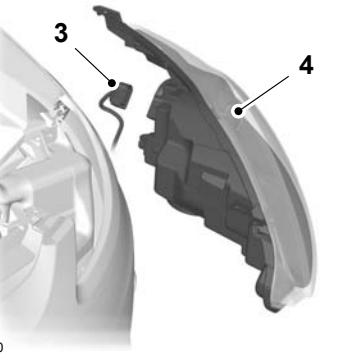
REMOVING A HEADLAMP

1. Open the hood. See **Opening and Closing the Hood** (page 113).



E146878

2. Remove the screws.



E102590

3. Disconnect the electrical connector.
4. Remove the headlamp.

Note: *When fitting the headlamp, make sure that you reconnect the electrical connector correctly.*

Note: *When fitting the headlamp, make sure that you fully engage the headlamp in the retaining clips.*

CHANGING A BULB

WARNINGS

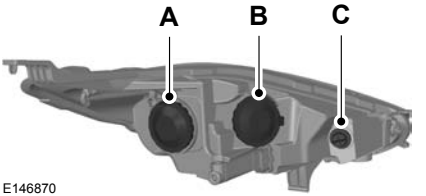
Switch the lamps and the ignition off. Failure to follow this warning could result in serious personal injury.

Make sure the bulbs have cooled down before removing them. Failure to follow this warning could result in serious personal injury.

Note: *Only fit bulbs of the correct specification.*

Note: *The following instructions describe how to remove the bulbs. Fit replacements in the reverse order unless otherwise stated.*

Headlamp



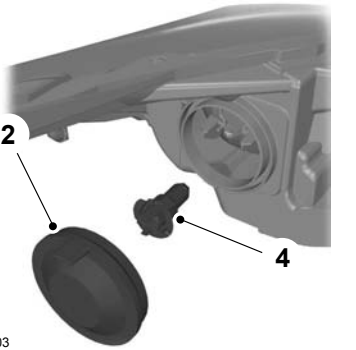
E146870

A	Headlamp low beam
B	Headlamp high beam and side lamp
C	Direction indicator

Note: *Remove the covers to gain access to the bulbs.*

Headlamp Low Beam

1. Remove the headlamp. See **Removing a Headlamp** (page 120).



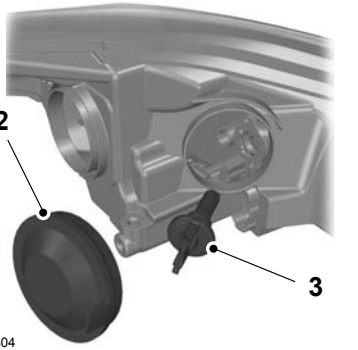
E146803

2. Remove the cover.
3. Disconnect the electrical connector.
4. Release the clip and remove the bulb.

Note: *Do not touch the glass of the bulb.*

Headlamp High Beam

1. Remove the headlamp. See **Removing a Headlamp** (page 120).



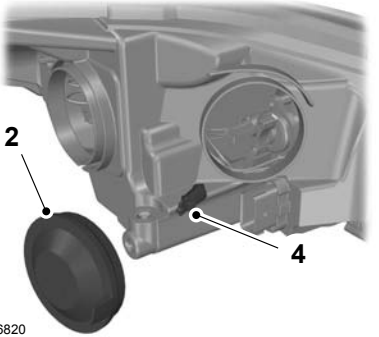
E146804

2. Remove the cover.
3. Turn the bulb counterclockwise and remove it.

Note: *Do not touch the glass of the bulb.*

Side Lamp

1. Remove the headlamp. See **Removing a Headlamp** (page 120).

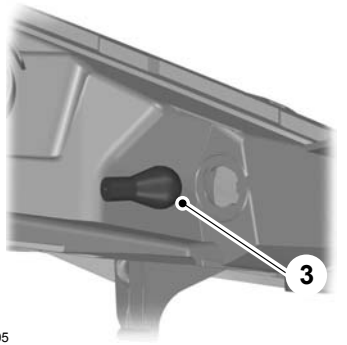


E146820

2. Remove the cover.
3. Remove the bulb holder.
4. Remove the bulb.

Direction Indicator

1. Remove the headlamp. See **Removing a Headlamp** (page 120).



E146805

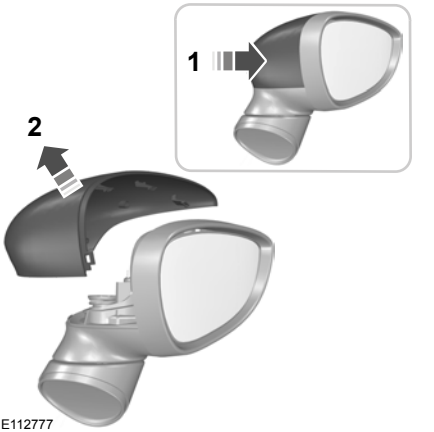
2. Turn the bulb holder counterclockwise and remove it.
3. Gently press the bulb into the bulb holder, turn it counterclockwise and remove it.

Daytime Running Lamps


E161983

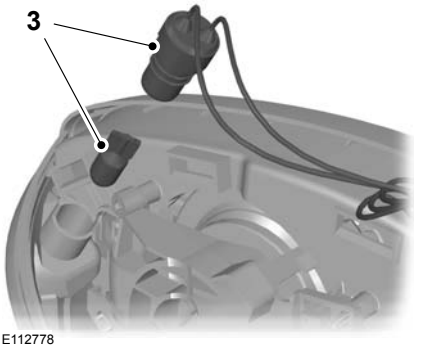
Note: *This is not a serviceable item, see an authorized dealer if it fails.*

Side Repeater



E112777

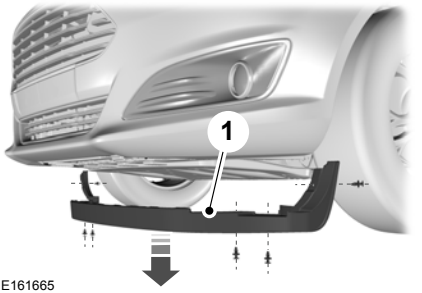
1. Press the side of the cover to release the clips.
2. Remove the cover.



E112778

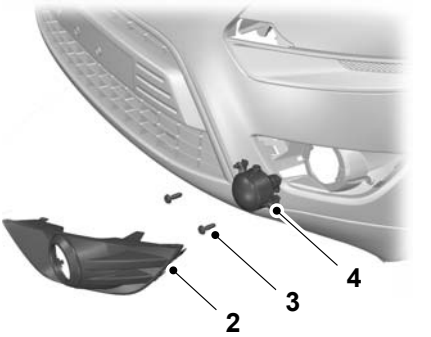
3. Remove the bulb holder. Remove the bulb.

Front Fog Lamps



E161665

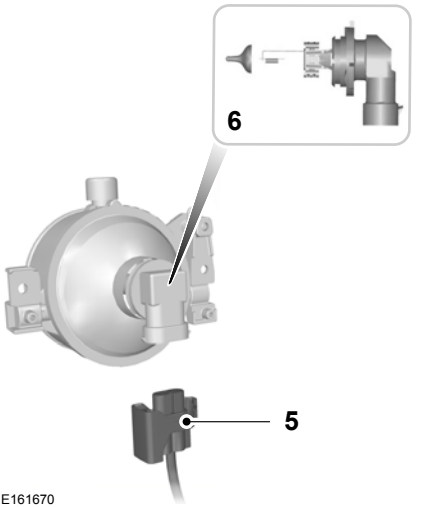
1. Remove the retaining clips to gain access to the lamp assembly.



E161667

Note: *You cannot separate the fog lamp bulb from the bulb holder.*

2. Using a suitable implement, remove the cover.
3. Remove the screws.
4. Remove the lamp.

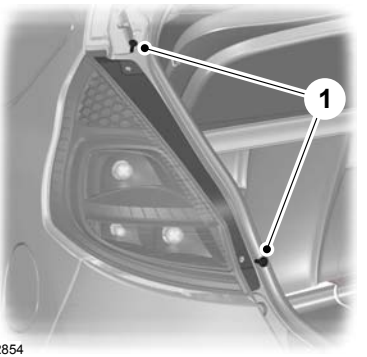


E161670

5. Disconnect the electrical connector.

6. Turn the bulb holder counterclockwise and remove it.

Rear Lamps



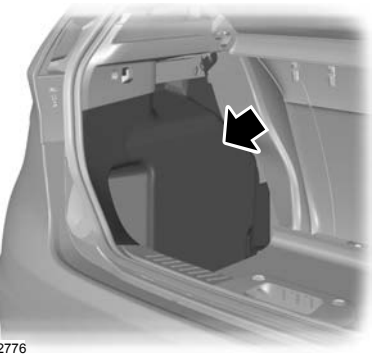
E102854

1. Remove the screws.



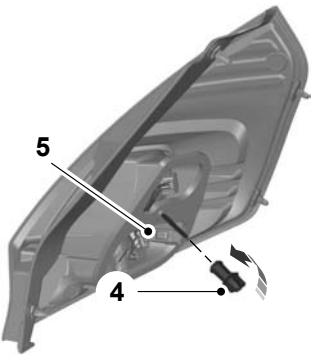
E112775

2. Lift up the luggage compartment seal.



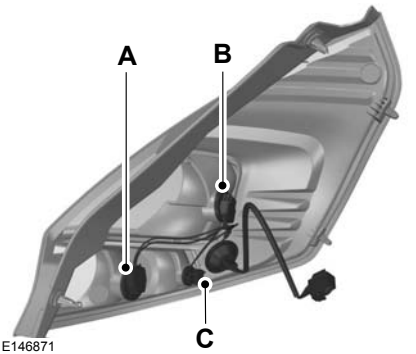
E112776

3. Remove the carpet.



E147056

4. Remove the wing nut.
5. Disconnect the electrical connector.
6. Turn the bulb holder counterclockwise and remove it.



E146871

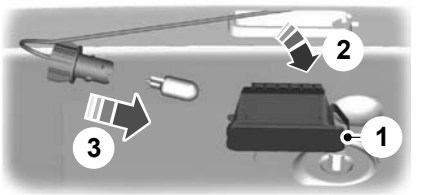
7. Gently press the bulb into the bulb holder, turn it counterclockwise and remove it.

A. Indicator
B. Tail and brake
C. Reverse

Central High Mounted Brake Lamp

Note: *This is not a serviceable item, see an authorized dealer if it fails.*

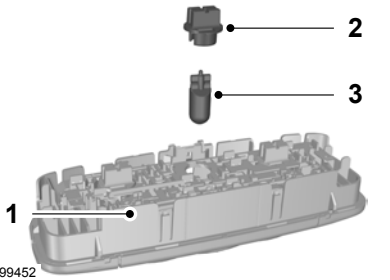
License Plate Lamp



E72789

1. Carefully release the spring clip.
2. Remove the lamp.
3. Remove the bulb.

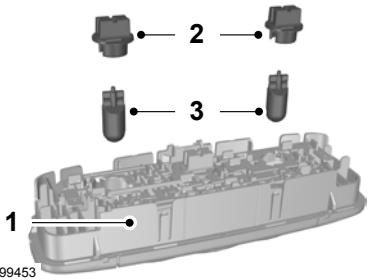
Interior Lamp



E99452

1. Carefully remove the lamp.
2. Turn the bulb holder counterclockwise and remove it.
3. Remove the bulb.

Reading Lamps

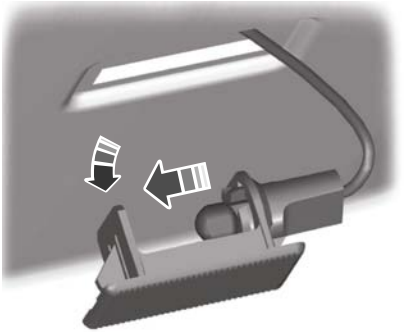


E99453

1. Carefully remove the lamp.
2. Turn the bulb holder counterclockwise and remove it.
3. Remove the bulb.

Luggage Compartment Lamp, Footwell Lamp and Liftgate Lamp

1. Carefully pry out the lamp.
2. Remove the bulb.



E72784

BULB SPECIFICATION CHART

Lamp	Specification	Power (watt)
Front direction indicator	PY21W	21
Headlamp high beam and daytime running lamp	H15	55/15
Headlamp low beam	H7	55
Front fog lamp	H11	55
Side lamp	W5W	5
Side repeater	WY5W	5
Rear direction indicator	PY21W	21
Brake and tail lamp	P21/5W	21/5
Rear fog lamp	P21W	21
Reversing lamp	W16W	16
License plate lamp	W5W	5

Lamp	Specification	Power (watt)
Interior lamp	W6W	6
Reading lamp	W5W	5
Luggage compartment lamp	W5W	5

Note: *On some vehicles the lamps are LED. These are not serviceable items, please consult your dealer if they fail.*

CLEANING THE EXTERIOR

WARNINGS

If you use a car wash with a waxing cycle, make sure that you remove the wax from the windshield.

Prior to using a car wash facility check the suitability of it for your vehicle.

Some car wash installations use water at high pressure. This could damage certain parts of your vehicle.

Remove the aerial before using an automatic car wash.

Switch the heater blower off to prevent contamination of the fresh air filter.

We recommend that you wash your vehicle with a sponge and lukewarm water containing a car shampoo.

Cleaning the Headlamps

WARNINGS

Do not scrape the headlamp lenses or use abrasives, alcoholic solvents or chemical solvents to clean them.

Do not wipe the headlamps when they are dry.

Cleaning the Rear Window

WARNING

Do not scrape the inside of the rear window or use abrasives or chemical solvents to clean it.

Use a clean, lint free cloth or a damp chamois leather to clean the inside of the rear window.

Cleaning the Chrome Trim

WARNINGS

Do not use abrasives or chemical solvents. Use soapy water.

Do not apply cleaning product to hot surfaces and do not leave cleaning product on chrome surfaces for a period of time exceeding that which is recommended.

Industrial-strength (heavy-duty) cleaners, or cleaning chemicals, may cause damage over a period of time.

Body Paintwork Preservation

WARNINGS

Do not polish your vehicle in strong sunshine.

Do not allow polish to touch plastic surfaces. It could be difficult to remove.

Do not apply polish to the windshield or rear window. This could cause the wipers to become noisy and they may not clear the window properly.

We recommend that you wax the paintwork once or twice a year.

CLEANING THE INTERIOR

Note: *Do not allow air fresheners and hand sanitizers to spill on interior surfaces. If a spill occurs, wipe off immediately. Damage may not be covered by your warranty.*

Safety Belts

WARNINGS

Do not use abrasives, or chemical solvents to clean them.

WARNINGS

Do not allow moisture to penetrate the safety belt retractor mechanism.

Clean them with interior cleaner or water applied with a soft sponge. Let them dry naturally, away from artificial heat.

Instrument Cluster Screens, LCD Screens and Radio Screens

WARNING

Do not use abrasives, alcoholic solvents or chemical solvents to clean them.

Rear Windows

WARNING

Do not use any abrasive materials to clean the interior of the rear windows.

Note: *Do not install stickers or labels to the interior of the rear windows.*

REPAIRING MINOR PAINT DAMAGE

You should repair paintwork damage caused by stones from the road or minor scratches as soon as possible. A choice of products are available from an authorized dealer.

Remove particles such as bird droppings, tree sap, insect deposits, tar spots, road salt and industrial fallout before repairing paint chips.

Always read and follow the manufacturer's instructions before using the products.

CLEANING THE ALLOY WHEELS

Note: *Do not apply a cleaning chemical to warm or hot wheel rims and covers.*

Note: *Industrial-strength (heavy-duty) cleaners, or cleaning chemicals, in combination with brush agitation to remove brake dust and dirt, could wear away the clear coat finish over a period of time.*

Note: *Do not use hydrofluoric acid-based or high caustic-based wheel cleaners, steel wool, fuels or strong household detergent.*

Note: *If you intend parking your vehicle for an extended period after cleaning the wheels with a wheel cleaner, drive your vehicle for a few minutes before doing so. This will reduce the risk of increased corrosion of the brake discs, brake pads and linings.*

Note: *Some automatic car washes may cause damage to the finish on your wheel rims and covers.*

Alloy wheels and wheel covers are coated with a clear coat paint finish. To maintain their condition we recommend that you:

- Clean them weekly with the recommended wheel and tire cleaner.
- Use a sponge to remove heavy deposits of dirt and brake dust accumulation.
- Rinse them thoroughly with a pressurized stream of water when you have completed the cleaning process.

We recommend that you use Ford service wheel cleaner. Make sure that you read and follow the manufacturer's instructions.

Using other non-recommended cleaning products can result in severe and permanent cosmetic damage.

GENERAL INFORMATION

A decal with tire pressure data is located in the driver's door opening.

Check and set the tire pressure at the ambient temperature in which you are intending to drive your vehicle and when the tires are cold.

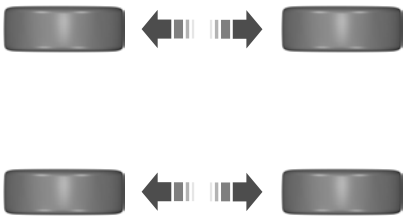
Note: *Check your tire pressures regularly to optimize fuel economy.*

Note: *Use only approved wheel and tire sizes. Using other sizes could damage your vehicle and will make the National Type Approval invalid.*

Note: *If you change the diameter of the tires from that fitted at the factory, the speedometer may not display the correct speed. Take your vehicle to an authorized dealer to have the engine management system reprogrammed.*

Note: *If you intend to change the size of the wheels from that fitted at the factory, check the suitability with an authorized dealer.*

TIRE CARE



E70415

To make sure the front and rear tires of your vehicle wear evenly and last longer, we recommend that you swap the tires from front to rear and vice versa at regular intervals of between 3000 and 6000 miles (5000 and 10000 kilometers).

WARNING

Do not scrub the sidewalls of the tires when you are parking.

If you have to mount a curb, do so slowly and approach it with the wheels at right-angles to the curb.

Examine the tires regularly for cuts, foreign objects and uneven wear of the tread. Uneven wear could mean that the wheel alignment is outside specification.

Check the tire pressures (including the spare) when cold, every two weeks.

USING WINTER TIRES

If winter tires are used you must make sure that you use the correct tire pressures. See **Technical Specifications** (page 136).

USING SNOW CHAINS

WARNINGS

Do not exceed 50 km/h.

Do not use snow chains on snow-free roads.

Only fit snow chains to specified tires. See **Technical Specifications** (page 136).

If your vehicle has wheel trims, remove them before fitting snow chains.

Only use snow chains of 10 millimeters or smaller.

Only use snow chains on the front wheels.

Note: *The anti-lock braking system will continue to operate normally.*

Vehicles with Stability Control

When stability control is on, your vehicle may exhibit some unusual driving characteristics. To reduce this, switch traction control off. See **Using Stability Control** (page 89).

CHANGING A ROAD WHEEL

Lug Nuts

You can obtain a replacement locking lug nut key and replacement locking lug nuts from your dealer using the reference number certificate.

Vehicles with a Spare Wheel

If the spare wheel is exactly the same type and size as the other fitted road wheels, you can replace the existing road wheel with the spare wheel and continue to drive in the normal manner.

If the spare wheel is different to the other road wheels, it will carry a yellow label with the appropriate speed limit.

Refer to the following information before changing the road wheel.

WARNINGS

Drive the shortest possible distances.

Do not fit more than one spare wheel on your vehicle at any one time.

Do not carry out any tire repairs on a spare wheel.

Do not drive through an automatic car wash.

If you are unsure what type of spare wheel you have do not exceed 80 km/h (50 mph).

WARNINGS

Only fit snow chains to specified tires. See **Technical Specifications** (page 136).

The ground clearance of your vehicle may be reduced. Take care when parking next to a curb.

Note: *Your vehicle may exhibit some unusual driving characteristics.*

Vehicle Jack

WARNINGS

The vehicle jack supplied with your vehicle should only be used when changing a wheel in emergency situations.

Before using the vehicle jack, check that it is not damaged or deformed and that the thread is lubricated and free from foreign matter.

Never place anything between the jack and the ground, or the jack and your vehicle.

Note: *Vehicles with a temporary mobility kit do not have a vehicle jack or a wheel brace.*

It is recommended to use a workshop type hydraulic jack for changing between summer and winter tires.

Note: *Use a jack with a minimum lifting capacity of 1.5 tonnes and a lifting plate with a minimum diameter of 3.1 inches (80 millimeters).*

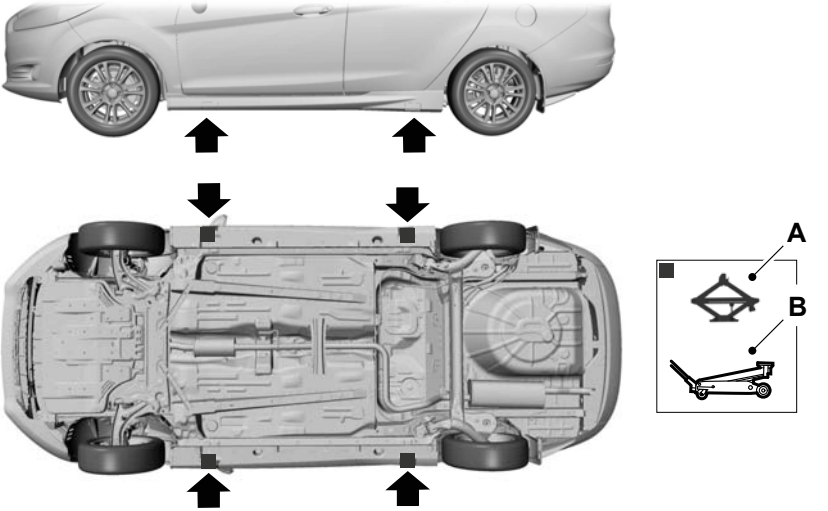
Vehicles without a Temporary Mobility Kit

Your vehicle jack, wheel brace, screw-in towing eye and wheel trim remover are located in the spare wheel well.

Jacking and Lifting Points

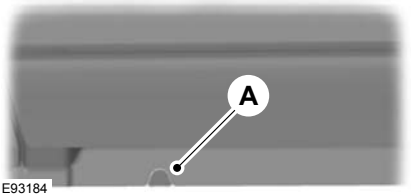
WARNING

Use only the specified jacking points. If you use other positions, you may damage the body, steering, suspension, engine, braking system or the fuel lines.



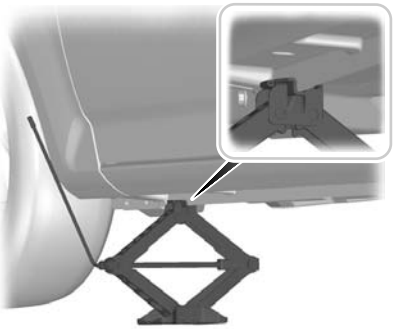
E92658

A Emergency use only
B Maintenance



E93184

Indentations in the sills show the location of the jacking points.

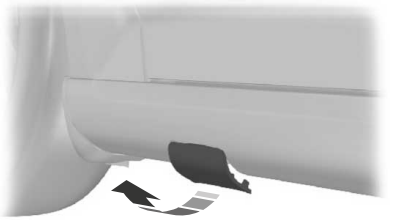


E92932



E93020

Vehicles with Side Skirts

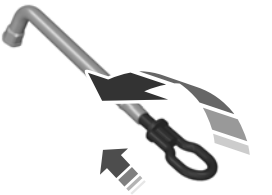


E95345

Assembling the Wheel Brace

WARNING

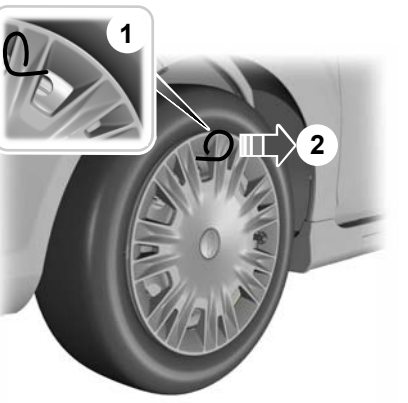
The screw-in towing eye has a left-hand thread. Turn it counterclockwise to install it. Make sure that the towing eye is fully tightened.



E122502

Insert the screw-in towing eye into the wheel brace.

Removing the Wheel Trim



E122314

1. Insert the wheel trim remover.
2. Remove the wheel trim.

Note: *Make sure that you pull the wheel trim remover at right angles to the trim.*

Removing a Road Wheel

WARNINGS

Park your vehicle in such a position that neither the traffic nor you are hindered or endangered.

Set up a warning triangle.

Make sure that your vehicle is on firm, level ground with the wheels pointing straight ahead.

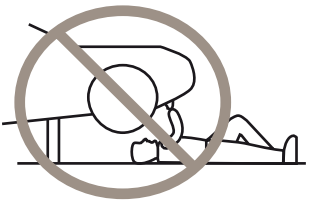
Switch the ignition off and apply the parking brake.

If your vehicle has a manual transmission, move the selector lever to first or reverse gear. If it has an automatic transmission, move the selector lever to position **(P)**.

Have the passenger's leave your vehicle.

Secure the diagonally opposite wheel with an appropriate block or wheel chock.

Do not work underneath your vehicle when it is supported only by a jack.



E166722

WARNINGS

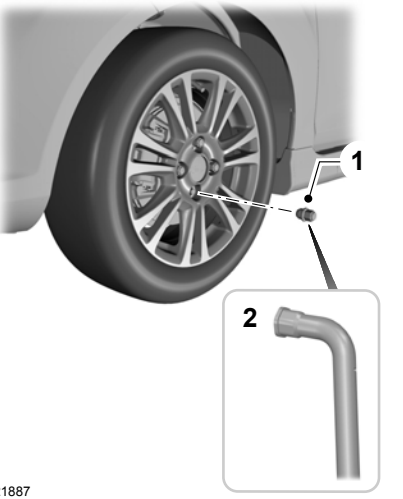
Make sure that the jack is vertical to the jacking point and the base is flat on the ground.

WARNINGS

Do not lay alloy wheels face down on the ground, this will damage the paint.

Note: *The spare wheel is located under the floor cover in the luggage compartment.*

1. Install the locking lug nut key.



E121887

2. Slacken the lug nuts.
3. Jack up your vehicle until the tire is clear of the ground.
4. Remove the lug nuts and the wheel.

Installing a Road Wheel

WARNINGS

Make sure that the arrows on directional tires point in the direction of rotation when your vehicle is moving forward. If you have to fit a spare wheel with the arrows pointing in the opposite direction, have the tire refitted in the correct direction by an authorized dealer.

Use only approved wheel and tire sizes. Using other sizes could damage the vehicle and will make the National Type Approval invalid. See **Technical Specifications** (page 136).

Make sure there is no lubrication (grease or oil) on the threads or the surface between the wheel lugs and nuts. This can cause the lug nuts to loosen while driving.

Do not fit run flat tires on vehicles that were not originally fitted with them. Contact an authorized dealer for more details about compatibility.

WARNINGS

Do not install alloy wheels using lug nuts designed for use with steel wheels.

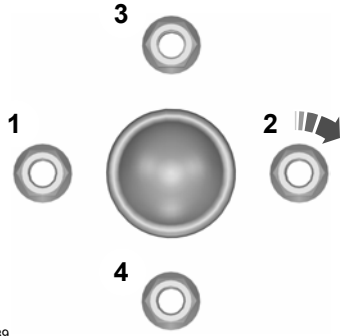
Lug nuts are subject to change. You must make sure that you use only the specific lug nuts and wheels supplied for your vehicle. If in doubt please contact your authorized dealer.

Note: *The lug nuts of alloy wheels and spoked steel wheels can also be used for the steel spare wheel for a short time (maximum two weeks).*

Note: *Make sure the wheel and hub contact surfaces are free from foreign matter.*

Note: *Make sure that the cones on the lug nuts are against the wheel.*

1. Install the wheel.
2. Install the lug nuts finger tight.
3. Install the locking lug nut key.



E90589

4. Partially tighten the lug nuts in the sequence shown.
5. Lower your vehicle and remove the jack.
6. Fully tighten the lug nuts in the sequence shown. See **Technical Specifications** (page 136).
7. Install the wheel trim using the ball of your hand.

WARNING

Have the lug nuts checked for tightness and the tire pressure checked as soon as possible.

TECHNICAL SPECIFICATIONS

Wheel Lug Nut Torque

Wheel Type	Nm
All	135 Nm

Tire Pressures (Cold Tires)

Up to 50mph (80km/h)

Vehicle Load		Normal		Full	
Tire Position		Front	Rear	Front	Rear
Variant	Tire Size	bar	bar	bar	bar
Temporary spare wheel when it differs from the other fitted wheels	175/65 R14-T	3.2 bar	3.2 bar	3.2 bar	3.2 bar

Up to 100mph (160km/h)

Vehicle Load		Normal		Full	
Tire Position		Front	Rear	Front	Rear
Variant	Size	bar	bar	bar	bar
All gasoline engines with manual transmission	175/65 R14*	2.1 bar	1.8 bar	2.5 bar	3.2 bar
All gasoline engines with automatic transmission	175/65 R14*	2.3 bar	1.8 bar	2.5 bar	3.2 bar
All diesel engines	175/65 R14*	2.3 bar	1.8 bar	2.5 bar	3.2 bar
1.0L EcoBoost and 1.5L Duratec-16V Ti-VCT	185/55 R15	2.1 bar	1.8 bar	2.4 bar	3.2 bar
All gasoline engines with manual transmission	195/50 R15	2.1 bar	1.8 bar	2.4 bar	3.2 bar
All gasoline engines with automatic transmission	195/50 R15	2.3 bar	1.8 bar	2.4 bar	3.2 bar
All diesel engines	195/50 R15	2.3 bar	1.8 bar	2.4 bar	3.2 bar

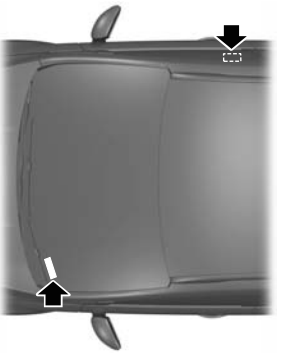
Vehicle Load		Normal		Full	
Tire Position		Front	Rear	Front	Rear
Variant	Size	bar	bar	bar	bar
1.25L Duratec-16V and 1.4L Duratec-16V	195/55 R15	2.1 bar	1.8 bar	2.4 bar	3.2 bar
All engines except 1.25L Duratec-16V and 1.4L Duratec-16V	195/55 R15	2.3 bar	1.8 bar	2.4 bar	3.2 bar
All engines	195/60 R15	2.1 bar	1.8 bar	2.4 bar	2.6 bar
1.25L Duratec-16V and 1.4L Duratec-16V	195/45 R16	2.2 bar	1.8 bar	2.6 bar	3.2 bar
All gasoline engines with automatic transmission	195/45 R16	2.4 bar	1.8 bar	2.6 bar	3.2 bar
All diesel engines	195/45 R16	2.4 bar	1.8 bar	2.6 bar	3.2 bar
1.0L EcoBoost with manual transmission	195/45 R16	2.3 bar	1.8 bar	2.6 bar	3.2 bar
1.25L Duratec-16V and 1.4L Duratec-16V	195/50 R16	2.1 bar	1.8 bar	2.4 bar	3.2 bar
All engines except 1.25L Duratec-16V and 1.4L Duratec-16V	195/50 R16	2.3 bar	1.8 bar	2.4 bar	3.2 bar
All gasoline engines with manual transmission except 1.6L EcoBoost	205/40 R17	2.3 bar	1.8 bar	2.6 bar	2.8 bar
1.6L EcoBoost	205/40 R17	2.5 bar	1.8 bar	2.6 bar	2.3 bar
All gasoline engines with automatic transmission	205/40 R17	2.4 bar	1.8 bar	2.6 bar	2.8 bar
All diesel engines	205/40 R17	2.4 bar	1.8 bar	2.6 bar	2.8 bar

*Only use snow chains on specified tires.

Continuous Speed in Excess of 100mph (160km/h)

Vehicle Load		Normal		Full	
Tire Position		Front	Rear	Front	Rear
Variant	Size	bar	bar	bar	bar
All gasoline engines with manual transmission	175/65 R14	2.1 bar	1.8 bar	2.6 bar	3.2 bar
All gasoline engines with automatic transmission	175/65 R14	2.3 bar	1.8 bar	2.6 bar	3.2 bar
All diesel engines	175/65 R14	2.3 bar	1.8 bar	2.6 bar	3.2 bar
All vehicles	195/50 R15	2.3 bar	1.8 bar	2.6 bar	3.2 bar
1.25L Duratec-16V and 1.4L Duratec-16V	195/55 R15	2.1 bar	1.8 bar	2.6 bar	3.2 bar
All engines except 1.25L Duratec-16V and 1.4L Duratec-16V	195/55 R15	2.3 bar	1.8 bar	2.6 bar	3.2 bar
All engines	195/60 R15	2.1 bar	1.8 bar	2.6 bar	2.6 bar
1.25L Duratec-16V and 1.4L Duratec-16V	195/45 R16	2.3 bar	1.8 bar	2.8 bar	3.2 bar
All engines except 1.25L Duratec-16V and 1.4L Duratec-16V	195/45 R16	2.5 bar	1.8 bar	2.8 bar	3.2 bar
1.25L Duratec-16V and 1.4L Duratec-16V	195/50 R16	2.1 bar	1.8 bar	2.6 bar	3.2 bar
All engines except 1.25L Duratec-16V and 1.4L Duratec-16V	195/50 R16	2.3 bar	1.8 bar	2.6 bar	3.2 bar
All engines except 1.6L EcoBoost	205/40 R17	2.5 bar	1.8 bar	2.8 bar	2.8 bar
1.6L EcoBoost	205/40 R17	2.7 bar	1.9 bar	2.8 bar	2.5 bar

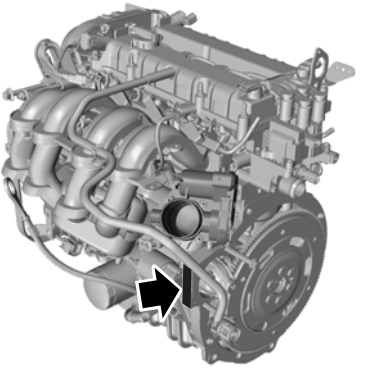
VEHICLE IDENTIFICATION NUMBER



E87496

The vehicle identification number is stamped into the floor panel on the right-hand side, beside the front seat. It is also shown on the left-hand side of the instrument panel.

ENGINE NUMBER

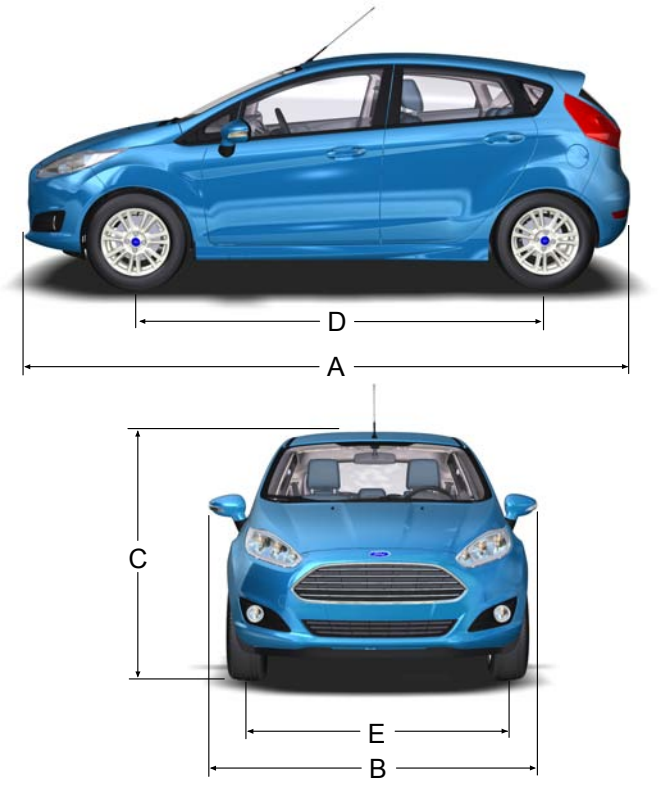


E165462

The engine number is located on the left-hand side of the cylinder block near the transmission case.

TECHNICAL SPECIFICATIONS

Vehicle Dimensions



Item	Dimension description	Dimension
A	Maximum length	3,969 mm
B	Overall width including exterior mirrors	1,978 mm
C	Overall height	1,464 mm

Item	Dimension description	Dimension
D	Wheelbase	2,489 mm
E	Front track	1,473–1,493 mm
E	Rear track	1,460–1,480 mm

Capacities

Item	Capacity
Luggage compartment	281 L

GENERAL INFORMATION

Radio Frequencies and Reception Factors

Radio reception factors	
Distance and Strength	The further you travel away from an FM station, the weaker the signal and the weaker the reception.
Terrain	Hills, mountains, tall buildings, bridges, tunnels, freeway overpasses, parking garages, dense tree foliage and thunderstorms can interfere with the reception.
Station overload	When you pass near a radio transmission tower, a stronger signal can override a weaker signal and can cause interference in the audio system.

CD and CD Player Information

Note: *CD units play commercially pressed 4.75-inch (12 centimeter) audio compact discs only. Due to technical incompatibility, certain recordable and re-recordable compact discs may not function correctly when used in Ford CD players.*

Note: *Do not insert CDs with homemade paper (adhesive) labels into the CD player as the label may peel and cause the CD to become jammed. You should use a permanent felt tip marker rather than adhesive labels on your homemade CDs. Ballpoint pens may damage CDs. Please contact an authorized dealer for further information.*

Note: *Do not use any irregularly shaped discs or discs with a scratch protection film attached.*

Always handle discs by their edges only. Clean the disc with an approved CD cleaner only. Wipe it from the center of the disc toward the edge. Do not clean in a circular motion.

Do not expose discs to direct sunlight or heat sources for extended periods.

MP3 and WMA Track and Folder Structure

Audio systems capable of recognizing and playing MP3 and WMA individual tracks and folder structures work as follows:

- There are two different modes for MP3 and WMA disc playback: MP3 and WMA track mode (system default) and MP3 and WMA folder mode.
- MP3 and WMA track mode ignores any folder structure on the MP3 and WMA disc. The player numbers each MP3 and WMA track on the disc (noted by the MP3 or WMA file extension) from T001 to a maximum of T255. The maximum number of playable MP3 and WMA files may be less depending on the structure of the CD and exact model of radio present.

- MP3 and WMA folder mode represents a folder structure consisting of one level of folders. The CD player numbers all MP3 and WMA tracks on the disc (noted by the MP3 or WMA file extension) and all folders containing MP3 and WMA files, from F001 (folder) T001 (track) to F253 T255.
- Creating discs with only one level of folders helps with navigation through the disc files.

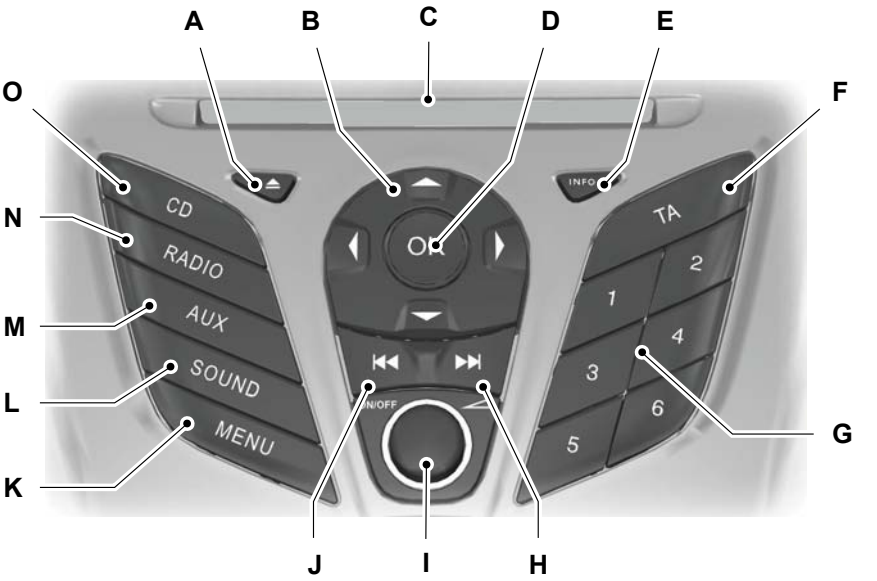
If you are burning your own MP3 and WMA discs, it is important to understand how the system reads the structures you create. While various files may be present, (files with extensions other than MP3 and WMA), only files with the MP3 and WMA extension are played; other files are ignored by the system. This enables you to use the same MP3 and WMA disc for a variety of tasks on your work computer, home computer and your in-vehicle system.

In track mode, the system displays and plays the structure as if it were only one level deep (all MP3 and WMA files play, regardless of being in a specific folder). In folder mode, the system only plays the MP3 and WMA files in the current folder.

AUDIO UNIT - VEHICLES WITH: AM/FM/CD

WARNING

Driving while distracted can result in loss of vehicle control, crash and injury. We strongly recommend that you use extreme caution when using any device that may take your focus off the road. Your primary responsibility is the safe operation of your vehicle. We recommend against the use of any hand-held device while driving and encourage the use of voice-operated systems when possible. Make sure you are aware of all applicable local laws that may affect the use of electronic devices while driving.



E130324

A **Eject:** Press the button to eject a CD.

B **Cursor arrows:** Press a button to scroll through on-screen choices.

C **CD slot:** Where you insert a CD.

D **OK:** Press the button to confirm on-screen selections.

E **INFO:** Press the button to access radio, CD, USB and IPod information.

F **TA:** Press the button to turn traffic announcements on or off and cancels announcements during an active announcement.

G **Numeric keypad:** Press the button to recall a previously stored station. To store a favorite station press and hold until the sound returns.

H **Seek up:** Press the button to go to the next station up the radio frequency band or the next track on a CD.

I **On, Off and Volume:** Press the button to switch the audio system on or off. Turn the dial to adjust the volume.

J **Seek down:** Press the button to go to the next station down the radio frequency band or the previous track on a CD.

K **MENU:** Press the button to access different audio system features.

L **SOUND:** Press the button to adjust the sound settings for bass, treble, middle, balance and fade.

M **AUX:** Press the button to access the AUX and SYNC features, it will also cancel the menu or list browsing.

N **RADIO:** Press the button to select different radio bands, it will also cancel the menu or list browsing.

O **CD:** Press the button to change source to CD, it will also cancel the menu or list browsing.

Sound Button

This will allow you to adjust the sound settings (for example bass, middle and treble).

1. Press the **SOUND** button.
2. Use the up and down arrow buttons to select the required setting.
3. Use the left and right arrow buttons to make the necessary adjustment. The display indicates the level selected.
4. Press the **OK** button to confirm the new settings.

Waveband Button

Press the **RADIO** button to select from the wavebands available.

You can use the selector to return to radio reception when you have been listening to another source.

Alternatively, press the left arrow button to display the available wavebands. Scroll to the required waveband and press **OK**.

Station Tuning Control

Seek Tuning

Select a waveband and briefly press one of the seek buttons. The unit will stop at the first station it finds in the direction you have chosen.

Manual Tuning

1. Press the **MENU** button.
2. Select **RADIO** mode and then **MANUAL TUNE**.
3. Use the left and right arrow buttons to tune down or up the waveband in small increments or press and hold to increment quickly, until you find a station you want to listen to.
4. Press **OK** to continue listening to a station.

Scan Tuning

Scan allows you to listen to a few seconds of each station detected.

1. Press the **MENU** button.
2. Select **RADIO** mode and then **SCAN**.
3. Use the seek buttons to scan up or down the selected waveband.
4. Press **OK** to continue listening to a station.

Station Preset Buttons

This feature allows you to store your favorite stations, they can be recalled by selecting the appropriate waveband and pressing one of the preset buttons.

1. Select a waveband.
2. Tune to the station required.

3. Press and hold one of the preset buttons. A progress bar and message will appear. When the progress bar completes the station has been stored. The audio unit will also mute momentarily as confirmation.

You can repeat this on each waveband and for each preset button.

Note: *When you drive to another part of the country, stations that broadcast on alternative frequencies and are stored on preset buttons, may be updated with the correct frequency and station name for that area.*

Autostore Control

Note: *This will store up to a maximum of the six strongest signals available, either from the AM or the FM waveband and overwrite the previously stored stations. You can also store stations manually in the same way as other wavebands.*

- Press and hold the **RADIO** button.
- When the search is complete, sound is restored and the strongest signals are stored on the autostore presets.

Traffic Information Control

Many stations that broadcast on the FM waveband have a TP code to signify that they carry traffic program information.

Turning Traffic Announcements On and Off

Before you can receive traffic announcements, you must press either the **TA** or **TRAFFIC** button. A TA display will appear to show the feature is switched on.

If you are already tuned to a station that broadcasts traffic information, **TP** will also be displayed. Otherwise the unit will search for a traffic program.

When traffic information is broadcast, it will automatically interrupt normal radio or CD playback and **Traffic announcement** will appear in the display.

If a non-traffic station is selected or recalled using a preset button, the audio unit will remain on that station unless **TA** or **TRAFFIC** is turned off, then on again.

Note: *If traffic announcement is on and you select a preset or manual tune to a non traffic announcement station no traffic announcement will be heard.*

Note: *When you are listening to a non traffic announcement station and turn traffic announcement off and on again a TP seek will occur.*

Traffic Announcement Volume

Traffic announcements interrupt normal broadcasts at a preset minimum level that is usually louder than normal listening volumes.

To adjust the preset volume:

- Use the volume control to make the necessary adjustment during an incoming traffic announcement broadcast. The display will show the level selected.

Ending Traffic Announcements

The audio unit will return to normal operation at the end of each traffic announcement. To end the announcement prematurely, press **TA** or **TRAFFIC** during the announcement.

Note: *If you press **TA** or **TRAFFIC** at any other time it will switch all announcements off.*

Automatic Volume Control

When available, automatic volume control adjusts the volume level to compensate for engine noise and road speed noise.

1. Press the **MENU** button and select **AUDIO** or **AUDIO SETTINGS**.
2. Select **AVC LEVEL** or **ADAPTIVE VOL**.
3. Use the left or right arrow button to adjust the setting.
4. Press the **OK** button to confirm your selection.
5. Press the **MENU** button to return.

News Broadcasts

Your audio unit may interrupt normal reception to broadcast news bulletins from stations on the FM waveband, radio data system or other enhanced network linked stations.

The display will indicate there is an incoming announcement, during news broadcasts. When the audio unit interrupts for a news broadcast the preset volume level will be the same as traffic announcements.

1. Press the **MENU** button.
2. Select **AUDIO** or **AUDIO SETTINGS**.
3. Scroll to **NEWS** and turn on or off with the **OK** button.
4. Press the **MENU** button to return.

Alternative Frequencies

The majority of programs that broadcast on the FM waveband have a program identification code, it can be recognized by audio units.

When your vehicle moves from one transmission area to another with the alternative frequencies tuning switched on, this function will search for the strongest station signal.

Under certain conditions, alternative frequencies tuning may temporarily disrupt normal reception.

When selected, the unit continually evaluates signal strength and if a better signal becomes available, the unit will switch to that alternative. It mutes while it checks a list of alternative frequencies and if necessary, it will search once across the selected waveband for a genuine alternative frequency.

It will restore radio reception when it finds one or if one is not found, the unit will return to the original stored frequency.

When selected, **AF** will be shown in the display.

1. Press the **MENU** button.
2. Select **AUDIO** or **AUDIO SETTINGS**.
3. Scroll to **ALTERNAT FREQ** or **ALTERNATIVE FREQ** and turn on or off with the **OK** button.
4. Press the **MENU** button to return.

Regional Mode

Regional mode controls the behavior of alternative frequencies switching between regionally related networks of a parent broadcaster. A broadcaster may run a fairly large network across a large part of the country. At various times of the day this large network may be broken down into a number of smaller regional networks, typically centered on major towns or cities. When the network is not split into regional variants, the whole network carries the same programming.

Regional mode ON: This prevents random alternative frequency switches when neighboring regional networks are not carrying the same programming.

Regional mode OFF: This allows a larger coverage area if neighboring regional networks are carrying the same programming, but can cause random alternative frequency switches if they are not.

1. Press the **MENU** button.

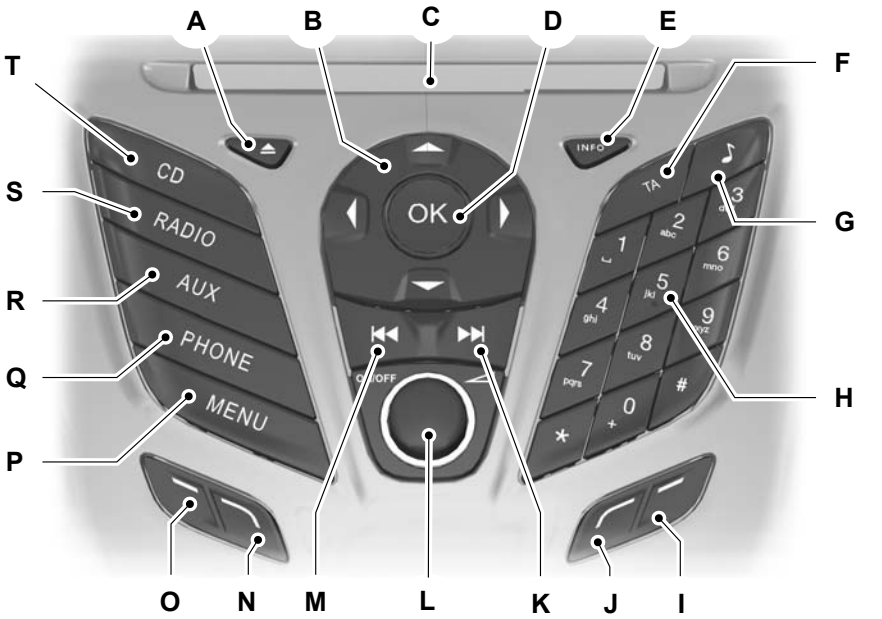
2. Select **AUDIO** or **AUDIO SETTINGS**.
3. Scroll to **RDS REGIONAL** and turn on or off with the **OK** button.
4. Press the **MENU** button to return.

AUDIO UNIT - VEHICLES WITH: AM/FM/CD/BLUETOOTH/ SYNC

WARNING

Driving while distracted can result in loss of vehicle control, crash and injury. We strongly recommend that you use extreme caution when using any device that may take your focus off the road. Your primary responsibility is the safe operation of your vehicle. We recommend against the use of any hand-held device while driving and encourage the use of voice-operated systems when possible. Make sure you are aware of all applicable local laws that may affect the use of electronic devices while driving.

Note: *An integrated multi function display is situated above the unit. This shows important information regarding control of your system. Additionally, there are various icons placed around the display screen which light up when a function is active (for example CD, Radio or Aux.)*



A **Eject:** Press the button to eject a CD.

B **Cursor arrows:** Press a button to scroll through on-screen choices.

C **CD slot:** Where you insert a CD.

D **OK:** Press the button to confirm on-screen selections.

E **INFO:** Press the button to access radio, CD, USB and IPod information.

F **TA:** Press the button to turn traffic announcements on or off and cancels announcements during an active announcement.

G **Sound:** Press the button to adjust the sound settings for bass, treble, middle, balance and fade.

H **Numeric keypad:** Press the button to recall a previously stored station. To store a favorite station press and hold until the sound returns.

I **Function button 4:** Press the button to select different functions of the audio system depending on which mode (i.e. radio or CD) you are in.

J **Function button 3:** Press the button to select different functions of the audio system depending on which mode (i.e. radio or CD) you are in.

K **Seek up:** Press the button to go to the next station up the radio frequency band or the next track on a CD.

L **On, Off and Volume:** Press the button to switch the audio system on or off. Turn the dial to adjust the volume.

M **Seek down:** Press the button to go to the next station down the radio frequency band or the previous track on a CD.

N **Function button 2:** Press the button to select different functions of the audio system depending on which mode (i.e. radio or CD) you are in.

O **Function button 1:** Press the button to select different functions of the audio system depending on which mode (i.e. radio or CD) you are in.

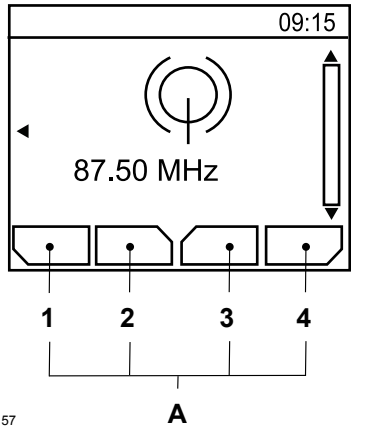
P **MENU:** Press the button to access different audio system features.

Q **PHONE:** Press the button to access the phone feature of the SYNC system by pressing PHONE then MENU. See separate manual.

R **AUX:** Press the button to access the AUX and SYNC features, it will also cancel the menu or list browsing.

S **RADIO:** Press the button to select different radio bands, it will also cancel the menu or list browsing.

T **CD:** Press the button to change source to CD, it will also cancel the menu or list browsing.



A Descriptions for function buttons 1-4

Function buttons 1 to 4 are context dependent, and change according to the current unit mode. The description for the current function displays in the screen.

Sound Button

This will allow you to adjust the sound settings (for example bass, middle and treble).

1. Press the sound button.
2. Use the up and down arrow buttons to select the required setting.
3. Use the left and right arrow buttons to make the necessary adjustment. The display indicates the level selected.
4. Press the **OK** button to confirm the new settings.

Waveband Button

Press the **RADIO** button to select from the wavebands available.

You can use the selector to return to radio reception when you have been listening to another source.

Alternatively, press the left arrow button to display the available wavebands. Scroll to the required waveband and press **OK**.

Station Tuning Control

DAB Service Linking

Note: *The system does not automatically turn on every time you switch the ignition on.*

Note: *Service linking allows cross-referencing to other corresponding frequencies of the same station, for example FM and other DAB ensembles.*

Note: *The system will automatically change to another corresponding station if the current one becomes unavailable, for example when leaving the coverage area.*

Switching DAB service linking on and off. See **General Information** (page 51).

Seek Tuning

Select a waveband and briefly press one of the seek buttons. The unit will stop at the first station it finds in the direction you have chosen.

Manual Tuning

1. Press **function button 2**.
2. Use the left and right arrow buttons to tune down or up the waveband in small increments or press and hold to increment quickly, until you find a station you want to listen to.
3. Press **OK** to continue listening to a station.

Scan Tuning

Scan allows you to listen to a few seconds of each station detected.

1. Press **function button 3**.
2. Use the seek buttons to scan up or down the selected waveband.
3. Press **function button 3** again or **OK** to continue listening to a station.

Station Preset Buttons

This feature allows you to store your favorite stations, they can be recalled by selecting the appropriate waveband and pressing one of the preset buttons.

1. Select a waveband.
2. Tune to the station required.
3. Press and hold one of the preset buttons. A progress bar and message will appear. When the progress bar completes the station has been stored. The audio unit will also mute momentarily as confirmation.

You can repeat this on each waveband and for each preset button.

Note: *When you drive to another part of the country, stations that broadcast on alternative frequencies, and are stored on preset buttons, may be updated with the correct frequency and station name for that area.*

Autostore Control

Note: *This will store up to a maximum of the 10 strongest signals available, either from the AM or the FM waveband, and overwrite the previously stored stations. You can also store stations manually in the same way as other wavebands.*

- Press and hold the **RADIO** button.
- When the search is complete, sound is restored and the strongest signals are stored on the autostore presets.

Traffic Information Control

Many stations that broadcast on the FM waveband have a TP code to signify that they carry traffic program information.

Turning Traffic Announcements On and Off

Before you can receive traffic announcements, you must press either the **TA** or **TRAFFIC** button. A TA display will appear to show the feature is switched on.

If you are already tuned to a station that broadcasts traffic information, **TP** will also be displayed. Otherwise the unit will search for a traffic program.

When traffic information is broadcast, it will automatically interrupt normal radio or CD playback and **Traffic announcement** will appear in the display.

If a non-traffic station is selected or recalled using a preset button, the audio unit will remain on that station unless **TA** or **TRAFFIC** is turned off, then on again.

Note: *If traffic announcement is on and you select a preset or manual tune to a non traffic announcement station no traffic announcement will be heard.*

Note: *When you are listening to a non traffic announcement station and turn traffic announcement off and on again a TP seek will occur.*

Traffic Announcement Volume

Traffic announcements interrupt normal broadcasts at a preset minimum level that is usually louder than normal listening volumes.

To adjust the preset volume:

- Use the volume control to make the necessary adjustment during an incoming traffic announcement broadcast. The display will show the level selected.

Ending Traffic Announcements

The audio unit will return to normal operation at the end of each traffic announcement. To end the announcement prematurely, press **TA** or **TRAFFIC** during the announcement.

Note: *If you press **TA** or **TRAFFIC** at any other time it will switch all announcements off.*

Automatic Volume Control

When available, automatic volume control adjusts the volume level to compensate for engine noise and road speed noise.

1. Press the **MENU** button and select **AUDIO** or **AUDIO SETTINGS**.
2. Select **AVC LEVEL** or **ADAPTIVE VOL**.
3. Use the left or right arrow button to adjust the setting.
4. Press the **OK** button to confirm your selection.
5. Press the **MENU** button to return.

News Broadcasts

Your audio unit may interrupt normal reception to broadcast news bulletins from stations on the FM waveband, radio data system or other enhanced network linked stations.

The display will indicate there is an incoming announcement, during news broadcasts. When the audio unit interrupts for a news broadcast the preset volume level will be the same as traffic announcements.

1. Press the **MENU** button.
2. Select **AUDIO** or **AUDIO SETTINGS**.
3. Scroll to **NEWS** and turn on or off with the **OK** button.
4. Press the **MENU** button to return.

Alternative Frequencies

The majority of programs that broadcast on the FM waveband have a program identification code, it can be recognized by audio units.

When your vehicle moves from one transmission area to another with the alternative frequencies tuning switched on, this function will search for the strongest station signal.

Under certain conditions, alternative frequencies tuning may temporarily disrupt normal reception.

When selected, the unit continually evaluates signal strength and, if a better signal becomes available, the unit will switch to that alternative. It mutes while it checks a list of alternative frequencies and if necessary, it will search once across the selected waveband for a genuine alternative frequency.

It will restore radio reception when it finds one or if one is not found, the unit will return to the original stored frequency.

When selected, AF will be shown in the display.

1. Press the **MENU** button.
2. Select **AUDIO** or **AUDIO SETTINGS**.
3. Scroll to **ALTERNAT FREQ**. or **ALTERNATIVE FREQ**. and turn on or off with the **OK** button.
4. Press the **MENU** button to return.

Regional Mode

Regional mode controls the behavior of alternative frequencies switching between regionally related networks of a parent broadcaster. A broadcaster may run a fairly large network across a large part of the country. At various times of the day this

large network may be broken down into a number of smaller regional networks, typically centered on major towns or cities. When the network is not split into regional variants, the whole network caries the same programming.

Regional mode ON: This prevents random alternative frequency switches when neighboring regional networks are not carrying the same programming.

Regional mode OFF: This allows a larger coverage area if neighboring regional networks are carrying the same programming, but can cause random alternative frequency switches if they are not.

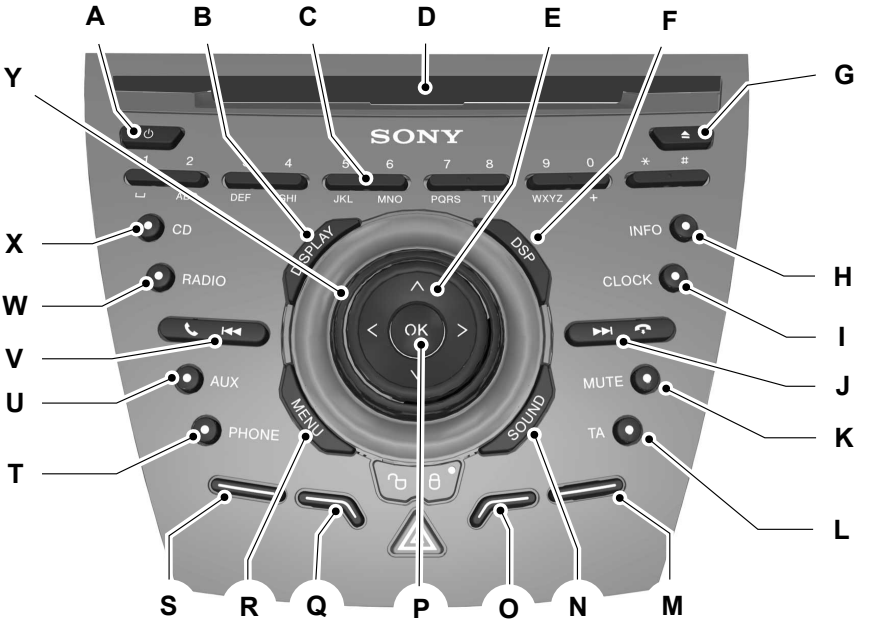
1. Press the **MENU** button.
2. Select **AUDIO** or **AUDIO SETTINGS**.
3. Scroll to **RDS REGIONAL** and turn on or off with the **OK** button.
4. Press the **MENU** button to return.

AUDIO UNIT - VEHICLES WITH: SONY AM/FM/CD

WARNING

Driving while distracted can result in loss of vehicle control, crash and injury. We strongly recommend that you use extreme caution when using any device that may take your focus off the road. Your primary responsibility is the safe operation of your vehicle. We recommend against the use of any hand-held device while driving and encourage the use of voice-operated systems when possible. Make sure you are aware of all applicable local laws that may affect the use of electronic devices while driving.

Note: *An integrated multi function display is situated above the unit. This shows important information regarding control of your system. Additionally, there are various icons placed around the display screen which light up when a function is active (for example CD, Radio or Aux.)*



E129074

A **On, Off:** Press the button to switch the audio system on or off.

B **DISPLAY:** Press the button to turn on the display into idle mode.

C **Numeric keypad:** Press the button to recall a previously stored station. To store a favorite station press and hold until the sound returns. In CD mode, press a number to select a track. In phone mode, use the buttons to dial a phone number.

D **CD slot:** Where you insert a CD.

E **Cursor arrows:** Press the button to scroll through on-screen choices.

F **Digital signal processing:** Press the button to access the digital signal processing functions.

G **Eject:** Press the button to eject a CD.

H **INFO:** Press the button to access radio, CD, USB and IPod information.

I **CLOCK:** Press the button to access the clock functions.

J **Seek up:** Press the button to go to the next station up the radio frequency band or the next track on a CD when in CD mode. In phone mode, use the button to end a phone call. An incoming call can be rejected.

K **MUTE:** Press the button to turn the sound off, press again to turn the sound on.

L **TA:** Press the button to turn traffic announcements on or off and cancels announcements during an active announcement.

M **Function button 4:** Press the button to select different functions of the audio system depending on which mode (i.e. radio or CD) you are in.

N **SOUND:** Press the button to adjust the sound settings for bass, treble, middle, balance and fade.

O **Function button 3:** Press the button to select different functions of the audio system depending on which mode (i.e. radio or CD) you are in.

P **OK:** Press the button to confirm on-screen selections.

Q **Function button 2:** Press the button to select different functions of the audio system depending on which mode (i.e. radio or CD) you are in.

R **MENU:** Press the button to access different audio system features.

S **Function button 1:** Press the button to select different functions of the audio system depending on which mode (i.e. radio or CD) you are in.

T **PHONE:** Press the button to access the phone feature of the SYNC system by pressing **PHONE** then **MENU**. See separate manual.

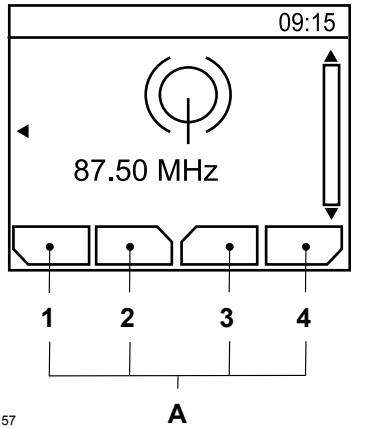
U **AUX:** Press the button to access the AUX and SYNC features, it will also cancel the menu or list browsing.

V **Seek down:** Press the button to go to the next station down the radio frequency band or the previous track on a CD, When in CD mode. In phone mode use the button to begin a phone call. An incoming phone call can be accepted.

W **RADIO:** Press the button to select different radio bands, it will also cancel the menu or list browsing.

X **CD:** Press the button to change source to CD, it will also cancel the menu or list browsing.

Y **Volume:** Turn the dial to adjust the volume.



A Descriptions for function buttons 1-4

Function buttons 1 to 4 are context dependent, and change according to the current unit mode. The description for the current function displays in the screen.

Sound Button

This will allow you to adjust the sound settings (for example bass, middle and treble).

1. Press the **SOUND** button.
2. Use the up and down arrow buttons to select the required setting.
3. Use the left and right arrow buttons to make the necessary adjustment. The display indicates the level selected.
4. Press the **OK** button to confirm the new settings.

Waveband Button

Press the **RADIO** button to select from the wavebands available.

You can use the selector to return to radio reception when you have been listening to another source.

Alternatively, press the left arrow button to display the available wavebands. Scroll to the required waveband and press **OK**.

Station Tuning Control

DAB Service Linking

Note: *The system does not automatically turn on every time you switch the ignition on.*

Note: *Service linking allows cross-referencing to other corresponding frequencies of the same station, for example FM and other DAB ensembles.*

Note: *The system will automatically change to another corresponding station if the current one becomes unavailable, for example when leaving the coverage area.*

Switching DAB service linking on and off. See **General Information** (page 51).

Seek Tuning

Select a waveband and briefly press one of the seek buttons. The unit will stop at the first station it finds in the direction you have chosen.

Manual Tuning

1. Press function button 2.
2. Use the left and right arrow buttons to tune down or up the waveband in small increments or press and hold to increment quickly, until you find a station you want to listen to.
3. Press **OK** to continue listening to a station.

Scan Tuning

Scan allows you to listen to a few seconds of each station detected.

1. Press function button 3.
2. Use the seek buttons to scan up or down the selected waveband.
3. Press function button 3 again or **OK** to continue listening to a station.

Station Preset Buttons

This feature allows you to store your favorite stations, they can be recalled by selecting the appropriate waveband and pressing one of the preset buttons.

1. Select a waveband.
2. Tune to the station required.
3. Press and hold one of the preset buttons. A progress bar and message will appear. When the progress bar completes the station has been stored. The audio unit will also mute momentarily as confirmation.

You can repeat this on each waveband and for each preset button.

Note: *When you drive to another part of the country, stations that broadcast on alternative frequencies, and are stored on preset buttons, may be updated with the correct frequency and station name for that area.*

Autostore Control

Note: *This will store up to a maximum of the 10 strongest signals available, either from the AM or the FM waveband, and overwrite the previously stored stations. You can also store stations manually in the same way as other wavebands.*

Note: *You must select either **FM AST** or **AM AST** to use this function.*

- Press and hold the **RADIO** button.
- When the search is complete, sound is restored and the strongest signals are stored on the autostore presets.

Traffic Information Control

Many stations that broadcast on the FM waveband have a TP code to signify that they carry traffic program information.

Turning Traffic Announcements On and Off

Before you can receive traffic announcements, you must press either the **TA** or **TRAFFIC button**. A TA display will appear to show the feature is switched on.

If you are already tuned to a station that broadcasts traffic information, **TP** will also be displayed. Otherwise the unit will search for a traffic program.

When traffic information is broadcast, it will automatically interrupt normal radio or CD playback and Traffic announcement will appear in the display.

If a non-traffic station is selected or recalled using a preset button, the audio unit will remain on that station unless **TA** or **TRAFFIC** is turned off, then on again.

Note: *If traffic announcement is on and you select a preset or manual tune to a non traffic announcement station no traffic announcement will be heard.*

Note: *When you are listening to a non traffic announcement station and turn traffic announcement off and on again a TP seek will occur.*

Traffic Announcement Volume

Traffic announcements interrupt normal broadcasts at a preset minimum level that is usually louder than normal listening volumes.

To adjust the preset volume:

- Use the volume control to make the necessary adjustment during an incoming traffic announcement broadcast. The display will show the level selected.

Ending Traffic Announcements

The audio unit will return to normal operation at the end of each traffic announcement. To end the announcement prematurely, press **TA** or **TRAFFIC** during the announcement.

Note: *If you press **TA** or **TRAFFIC** at any other time it will switch all announcements off.*

Automatic Volume Control

When available, automatic volume control adjusts the volume level to compensate for engine noise and road speed noise.

1. Press the **MENU** button.
2. Select **AUDIO** or **AUDIO SETTINGS**.
3. Select **AVC LEVEL** or **ADAPTIVE VOL**.
4. Use the left or right arrow button to adjust the setting.
5. Press the **OK** button to confirm your selection.
6. Press the **MENU** button to return.

Digital Signal Processing

Digital Signal Processing Occupancy

This feature takes into account the differences in distance from the various speakers in your vehicle to each seat. You must select the correct sitting position for the audio to be correctly set.

Digital Signal Processing Equalizer

Select the music category that most suits your listening preference. The audio output will change to enhance the particular style of music chosen.

Changing the Digital Signal Processing Settings

1. Press the **MENU** button.
2. Select **AUDIO** or **AUDIO SETTINGS**.
3. Scroll to the required digital signal processing function.
4. Press the **OK** button.
5. Use the up and down arrow buttons to select the required setting.
6. Press the **OK** button to confirm your selection.
7. Press the **MENU** button to return.

News Broadcasts

Your audio unit may interrupt normal reception to broadcast news bulletins from stations on the FM waveband, radio data system or other enhanced network linked stations.

The display will indicate there is an incoming announcement, during news broadcasts. When the audio unit interrupts for a news broadcast the preset volume level will be the same as traffic announcements.

1. Press the **MENU** button.
2. Select **AUDIO** or **AUDIO SETTINGS**.
3. Scroll to **NEWS** and turn on or off with the **OK** button.
4. Press the **MENU** button to return.

Alternative Frequencies

The majority of programs that broadcast on the FM waveband have a program identification code, it can be recognized by audio units.

When your vehicle moves from one transmission area to another with the alternative frequencies tuning switched on, this function will search for the strongest station signal.

Under certain conditions, however, alternative frequencies tuning may temporarily disrupt normal reception.

When selected, the unit continually evaluates signal strength and, if a better signal becomes available, the unit will switch to that alternative. It mutes while it checks a list of alternative frequencies and if necessary, it will search once across the selected waveband for a genuine alternative frequency.

It will restore radio reception when it finds one or if one is not found, the unit will return to the original stored frequency.

When selected, AF will be shown in the display.

1. Press the **MENU** button.
2. Select **AUDIO** or **AUDIO SETTINGS**.
3. Scroll to **ALTERNAT FREQ**. or **ALTERNATIVE FREQ**. and turn on or off with the **OK** button.
4. Press the **MENU** button to return.

Regional Mode

Regional mode controls the behavior of alternative frequencies switching between regionally related networks of a parent broadcaster. A broadcaster may run a fairly large network across a large part of the country. At various times of the day this large network may be broken down into a number of smaller regional networks, typically centered on major towns or cities. When the network is not split into regional variants, the whole network carries the same programming.

Regional mode ON: This prevents random alternative frequency switches when neighboring regional networks are not carrying the same programming.

Regional mode OFF: This allows a larger coverage area if neighboring regional networks are carrying the same programming, but can cause 'random' alternative frequency switches if they are not.

1. Press the **MENU** button.
2. Select **AUDIO** or **AUDIO SETTINGS**.
3. Scroll to **RDS REGIONAL** and turn on or off with the **OK** button.
4. Press the **MENU** button to return.

DIGITAL RADIO

The system allows you to listen to DAB (Digital Audio Broadcast) radio stations.

Note: *Coverage differs from region to region and will influence the quality of reception. It is broadcast nationwide, regionally and locally.*

The following formats are supported:

- DAB
- DAB+
- DMB-Audio (Digital Multimedia Broadcasting).

Ensembles

Ensembles contain a group of radio stations. Each ensemble can consist of several different radio stations.

The radio station name displays below the ensemble name.

Note: *When you tune from one ensemble to another, it can take a while until the system synchronizes to the next ensemble. The system mutes during synchronization.*

Selecting Radio Band

DAB1 and DAB2 operate in the same way. You can store up to 10 different presets on each band.

1. Press the **RADIO** button.
2. Press the left arrow button to display the available wavebands.
3. Select **DAB1** or **DAB2**.

Radio Station Tuning Control

Press the **RADIO** button and select **DAB1** or **DAB2**. Both preset banks operate in the same way and can store up to 10 different preset radio stations.

Note: *When you reach the first or last radio station within an ensemble, further tuning will skip to the next ensemble. There may be a delay during this change and the audio will briefly mute.*

Seek Tuning

1. Press a seek button. The system will stop at the first radio station it finds in the direction chosen.

Radio Station List

This feature displays all the available radio stations in a list.

1. Press function button 1.
2. Press the left or right arrow buttons to change ensembles. Press the up or down arrow button to navigate to your required radio station.
3. Press **OK** to confirm your selection.

Note: *The display will only show radio stations in the current ensemble.*

Manual Tuning

1. Press function button 2.
2. Press the left or right arrow button to tune up or down the waveband in small increments. Press and hold to move through the waveband quickly.
3. Press **OK** to confirm your selection.

Note: *Seek tuning is also possible within this screen.*

Radio Station Preset Buttons

This feature allows you to store up to 10 favorite radio stations from any ensemble in each preset bank.

1. Select a radio station.
2. Press and hold one of the preset buttons. A progress bar and message will appear. When the progress bar completes the radio station has been stored. The system will mute momentarily as confirmation.

Once stored press a preset button at any time to select a favourite radio station.

Note: *Radio stations stored on the preset buttons may not always be available if you have left the coverage area. The system will mute when this happens.*

Radio Text

You can display extra information. For example; artist name. To switch this option on, select a radio station and press function button 3.

Note: *Extra information may not always be available.*

Service Linking

If you leave the coverage area of a DAB radio station the system will automatically switch to the corresponding FM radio station.

You can switch this feature on and off using the information display. See **General Information** (page 51).

Note: *If a DAB radio station has no corresponding FM radio station, the audio will mute when attempting to switch.*

Note: *The system will display the FM symbol when DAB and FM radio stations link.*

AUDIO INPUT JACK

WARNINGS

Driving while distracted can result in loss of vehicle control, accident and injury. We strongly recommend that you use extreme caution when using any device or feature that may take your focus off the road. Your primary responsibility is the safe operation of your vehicle. We recommend against the use of any handheld device while driving and encourage the use of voice-operated systems when possible. Make sure you are aware of all applicable local laws that may affect the use of electronic devices while driving.

For safety reasons, do not connect or adjust the settings on your portable music player while your vehicle is moving.

Store the portable music player in a secure location, such as the center console or the glove box, when your vehicle is in moving. Hard objects may become projectiles in a collision or sudden stop, which may increase the risk of serious injury. The audio extension cable must be long enough to allow the portable music player to be safely stored while your vehicle is moving.

The auxiliary input jack allows you to connect and play music from your portable music player through your vehicle speakers. You can use any portable music player designed for use with headphones. Your audio extension cable must have male one-eighth inch (three and one-half millimeter) connectors at each end.

1. Make sure your vehicle is stationary with the radio and portable music players turned off.
2. Plug the extension cable from the portable music player into the auxiliary input jack.
3. Switch the radio on. Select either a tuned FM station or a CD.
4. Adjust the volume as desired.
5. Switch the portable music player on and adjust its volume to half its maximum level.
6. Press **AUX** until **LINE** or **LINE IN** appears in the display. You should hear music from your device even if it is low.
7. Adjust the volume on your portable music player until it reaches the volume level of the FM station or CD. Do this by switching back and forth between the AUX and FM or CD controls.

USB PORT



E102670

AUDIO TROUBLESHOOTING

Audio unit display	Rectification
Please check CD	General error message for CD fault conditions. For example cannot read the CD, data-CD inserted, etc. Make sure the disc is loaded correctly. Clean and re-try, or replace disc with known music disc. If error persists contact an authorized dealer.
CD drive malfunction	General error message for CD fault conditions. For example a mechanism fault.
CD drive high temp.	Ambient temperature too hot – unit will not work until it has cooled down.

ELECTROMAGNETIC COMPATIBILITY

WARNINGS

Your vehicle has been tested and certified to legislations relating to electromagnetic compatibility (72/245/EEC, UN ECE Regulation 10 or other applicable local requirements). It is your responsibility to make sure that any equipment you have fitted complies with applicable local legislations. Have any equipment fitted by an authorized dealer.

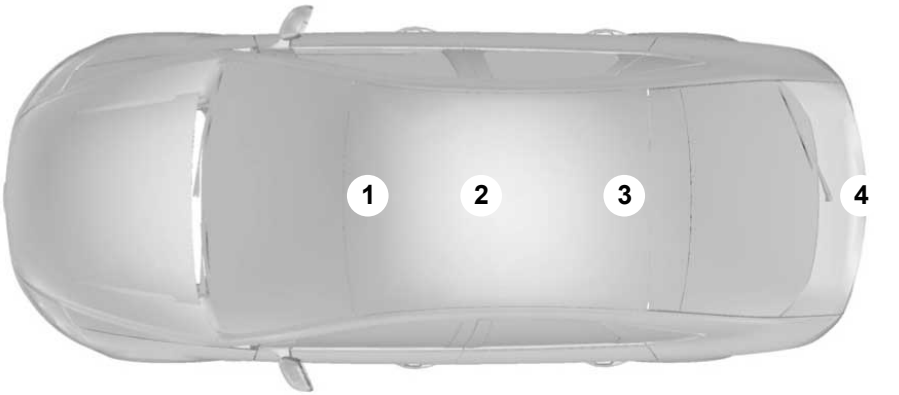
WARNINGS

The radio frequency transmitter equipment (e.g. cellular telephones, amateur radio transmitters etc.) may only be fitted to your vehicle if they keep to the parameters shown in the table below. There are no special provisions or conditions for installations or use.

Do not mount any transceiver, microphones, speakers, or any other item in the deployment path of the airbag system.

Do not fasten antenna cables to original vehicle wiring, fuel pipes and brake pipes.

Keep antenna and power cables at least 4 inches (10 centimeters) from any electronic modules and airbags.



E85998

Frequency Band MHz	Maximum output power Watt (Peak RMS)	Antenna Positions
1 – 30	50 W	3, 4
30 – 54	50 W	1, 2, 3
68 – 87.5	50 W	1, 2, 3

Frequency Band MHz	Maximum output power Watt (Peak RMS)	Antenna Positions
142 – 176	50 W	1, 2, 3
380 – 512	50 W	1, 2, 3
806 – 940	10 W	1, 2, 3
1200 – 1400	10 W	1, 2, 3
1710 – 1885	10 W	1, 2, 3
1885 – 2025	10 W	1, 2, 3

Note: *After the installation of radio frequency transmitters, check for disturbances from and to all electrical equipment in your vehicle, both in the standby and transmit modes.*

Check all electrical equipment:

- with the ignition ON
- with the engine running
- during a road test at various speeds.

Check that electromagnetic fields generated inside your vehicle cabin by the transmitter installed do not exceed applicable human exposure requirements.

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Read and follow instructions: Before using your Windows Automotive- based system, read and follow all instructions and safety information provided in this end user manual ("User's Guide"). Not following precautions found in this User's Guide can lead to an accident or other serious consequences.

Keep User's Guide in vehicle: When kept in the vehicle, the User's Guide will be a ready reference for you and other users unfamiliar with the Windows Automotive-based system. Please make certain that before using the system for the first time, all persons have access to the User's Guide and read its instructions and safety information carefully.

WARNING

Operating certain parts of this system while driving can distract your attention away from the road, and possibly cause an accident or other serious consequences. Do not change system settings or enter data non-verbally (using your hands) while driving. Stop the vehicle in a safe and legal manner before attempting these operations. This is important since while setting up or changing some functions you might be required to distract your attention away from the road and remove your hands from the wheel.

General Operation

Voice Command Control: Functions within the Windows Automotive-based system may be accomplished using only voice commands. Using voice commands while driving allows you to operate the system without removing your hands from the wheel.

Prolonged Views of Screen: Do not access any function requiring a prolonged view of the screen while you are driving. Pull over in a safe and legal manner before attempting to access a function of the system requiring prolonged attention. Even occasional short scans to the screen may be hazardous if your attention has been diverted away from your driving task at a critical time.

Volume Setting: Do not raise the volume excessively. Keep the volume at a level where you can still hear outside traffic and emergency signals while driving. Driving while unable to hear these sounds could cause an accident.

Use of Speech Recognition Functions: Speech recognition software is inherently a statistical process which is subject to errors. It is your responsibility to monitor any speech recognition functions included in the system and address any errors.

Navigation Features: Any navigation features included in the system are intended to provide turn by turn instructions to get you to a desired destination. Please make certain all persons using this system carefully read and follow instructions and safety information fully.

Distraction Hazard: Any navigation features may require manual (non-verbal) setup. Attempting to perform such set-up or insert data while driving can seriously distract your attention and could cause an accident or other serious consequences. Stop the vehicle in a safe and legal manner before attempting these operations.

Let Your Judgment Prevail: Any navigation features are provided only as an aid. Make your driving decisions based on your observations of local conditions and existing traffic regulations. Any such feature is not a substitute for your personal judgment. Any route suggestions made by this system should never replace any local traffic regulations or your personal judgment or knowledge of safe driving practices.

Route Safety: Do not follow the route suggestions if doing so would result in an unsafe or illegal maneuver, if you would be placed in an unsafe situation, or if you would be directed into an area that you consider unsafe. The driver is ultimately responsible for the safe operation of the vehicle and therefore, must evaluate whether it is safe to follow the suggested directions.

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FCC ID: KMHSYNCG2

IC: 1422A-SYNCG2

This device complies with Part 15 of the FCC Rules and with RSS-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.

WARNING

Changes or modifications not expressively approved by the party responsible for compliance could void the user's authority to operate the equipment. The term "IC" before the radio certification number only signifies that Industry Canada technical specifications were met.

The antenna used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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