

FORD **TRANSIT** Owner's Manual



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Introduction

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 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.

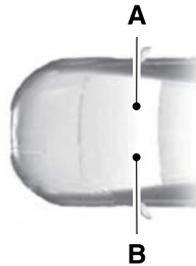
Note: *This manual describes product features and options available throughout the range of available models, sometimes even before they are generally available. It may describe options not fitted to the vehicle you have purchased.*

Note: *Some of the illustrations in this manual may show features as used in 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 your 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.

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

Introduction



Battery acid



Explosive gas



Brake fluid - non petroleum based



Fan warning



Brake system



Fasten safety belt



Cabin air filter



Front airbag



Check fuel cap



Front fog lamps



Child safety door lock or unlock



Fuel pump reset



Child seat lower anchor



Fuse compartment



Child seat tether anchor



Hazard warning flashers



Cruise control



Heated rear window



Do not open when hot



Heated windshield



Engine air filter



Interior luggage compartment release



Engine coolant



Jack



Engine coolant temperature



Keep out of reach of children



Engine oil



Lighting control



Low tire pressure warning

Introduction



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

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.

Introduction

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.

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.

SPECIAL NOTICES

If converting or modifying your vehicle from production specification, please see your authorised Ford dealer.

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.

Introduction

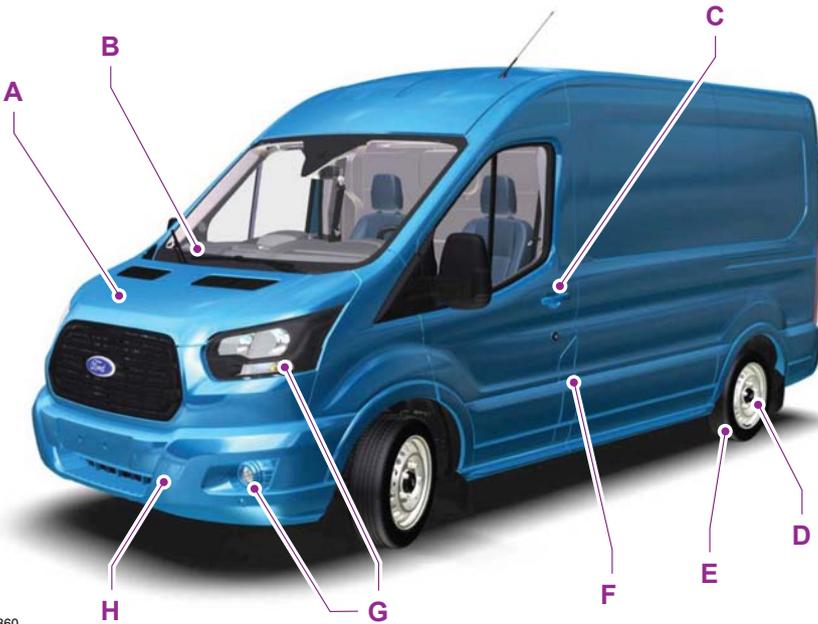
WARNING



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.

At a Glance

FRONT EXTERIOR OVERVIEW

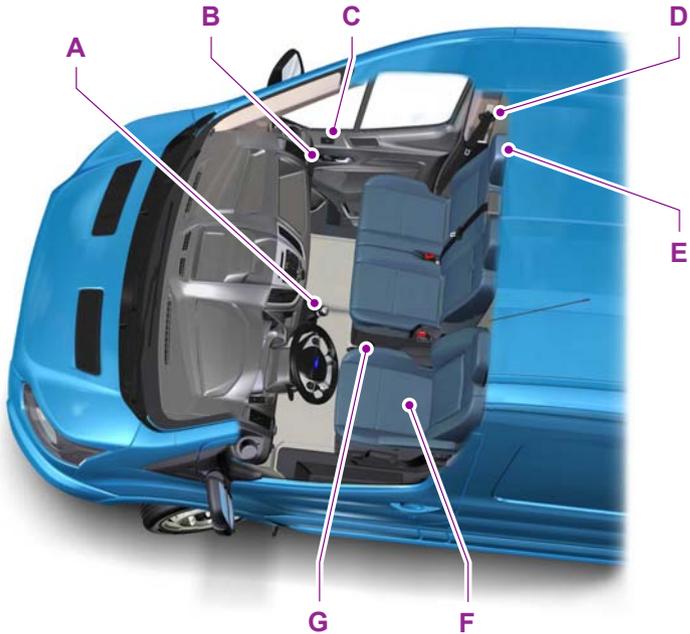


E170860

- A See **Maintenance** (page 140).
- B See **Changing the Wiper Blades** (page 147).
- C See **Locking and Unlocking** (page 30).
- D See **Wheels and Tires** (page 158).
- E See **Technical Specifications** (page 166).
- F See **Refueling** (page 97). See **Selective Catalytic Reduction System** (page 95).
- G See **Changing a Bulb** (page 149).
- H See **Towing Points** (page 120).

At a Glance

VEHICLE INTERIOR OVERVIEW

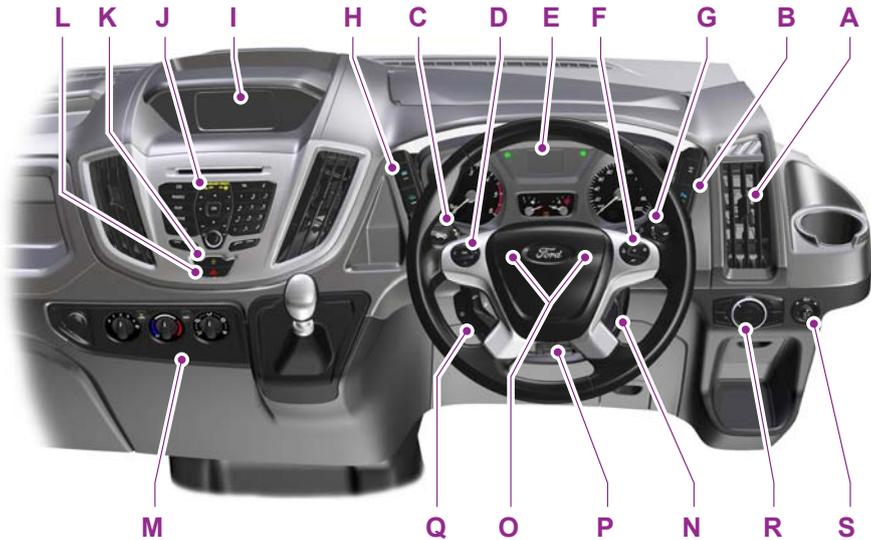


E170861

- A See **Manual Transmission** (page 100).
- B See **Locking and Unlocking** (page 30).
- C See **Power Windows** (page 52).
- D See **Fastening the Safety Belts** (page 22).
- E See **Head Restraints** (page 77).
- F See **Manual Seats** (page 78).
- G See **Parking Brake** (page 102). See **Hill Start Assist** (page 103).

At a Glance

INSTRUMENT PANEL OVERVIEW



E170863

- A See **Air Vents** (page 72).
- B See **Auto-Start-Stop** (page 90). See **Parking Aid** (page 106).
- C See **Direction Indicators** (page 50). See **Lighting Control** (page 47).
- D See **Information Displays** (page 61).
- E See **Instrument Cluster** (page 55).
- F See **Audio Control** (page 41). See **General Information** (page 61).
- G See **Wipers and Washers** (page 44).
- H See **Heated Windows and Mirrors** (page 76).
- I Information and entertainment display.
- J See **Audio System** (page 184).
- K See **Locking and Unlocking** (page 30).
- L See **Hazard Warning Flashers** (page 125).
- M See **Climate Control** (page 72).

At a Glance

- N See **Ignition Switch** (page 87).
- O Horn
- P See **Adjusting the Steering Wheel** (page 41).
- Q See **Cruise Control** (page 110).
- R See **Lighting** (page 47).
- S See **Exterior Mirrors** (page 53).

Child Safety

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.

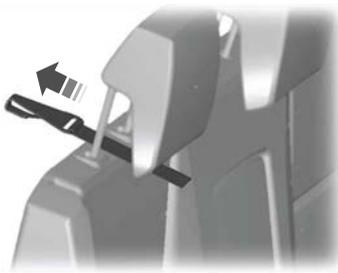
 Do not use a child restraint if the tether strap falls into a split in the vehicle seat backrest or falls off the edge of the vehicle seat.

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 crash or sudden stop and injure someone.

Child restraint anchorage locations

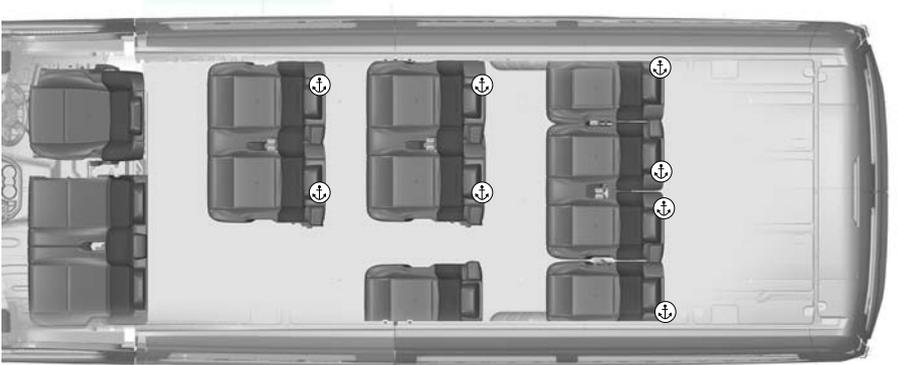
WARNING

 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.

Child Safety

Top tether anchor points

Rear Seats (Bus)



E189282

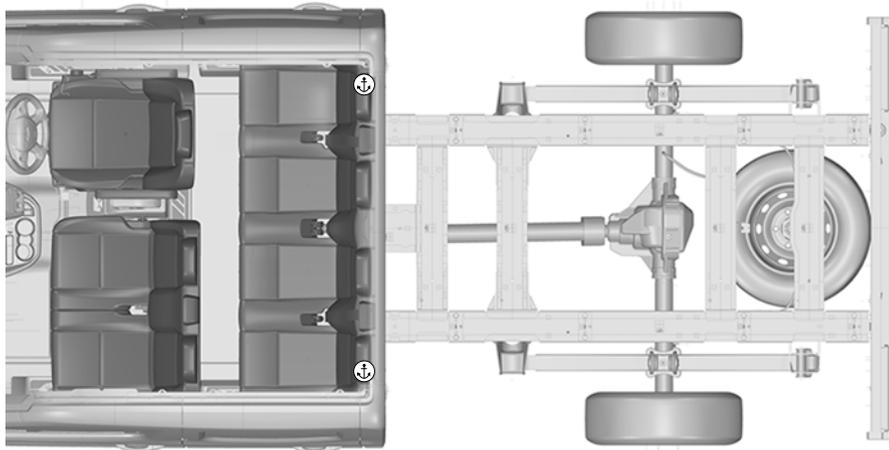
Child Safety



E177640

Child Safety

Rear Seats (Double Cab)



E189281

Child Safety



E188215

1. Allow the top tether to drop behind the seat backrest.
2. Attach the top tether to the anchor bar located on both outboard seats.

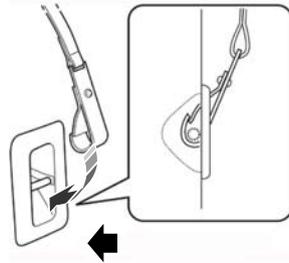
The anchor fittings are only suitable for child restraints conforming to Australian Standard AS1754-2004 or later. If your child restraint does not have an approved latched hook attaching clip as shown, you should consult an approved restraint fitting station.

WARNINGS

-  Always make sure that the attaching clip is properly engaged with the anchor fitting and the tether strap length is adjusted to remove any slack.
-  Always make sure that the locking mechanism of the rear seat backrest is fully engaged when in the upright position, by attempting to pull it down again.

WARNINGS

-  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.



E166781

Note: You may need to raise or remove the head restraint to ease installation. See **Head Restraints** (page 77).

ISOFIX Anchor Points

WARNING

-  Use a top tether as an anti-rotational device when using the ISOFIX system.

Your vehicle has ISOFIX anchor points that accommodate universally approved ISOFIX child seats.

The ISOFIX system has two rigid attachment arms on the child seat that attach to anchor points on the second row seats, where the cushion and backrest meet. Tether anchor points are fitted to the underside or rear of the second row seats for child seats with a top tether (as shown in the top tether information).

Child Safety

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.



E70710

Typical Booster Seat

WARNINGS

-  Never wear a seat belt across the neck. This could result in serious neck injury in the event of a crash.
-  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.
-  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 77).

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

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.

Child Safety



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



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

CHILD SAFETY LOCKS

WARNING



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



E176719

A child safety lock is on the rear edge of each rear door. You must set the child safety lock separately on each door.

Left-Hand Side

Turn it counterclockwise to switch the child lock on and clockwise to switch it off.

Right-Hand Side

Turn it clockwise to switch the child lock on and counterclockwise to switch it off.

Safety Belts

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 77).

 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 distinct click.

Safety Belts

WARNINGS



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



E68584



E68585



E68586

Pull the safety 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 safety belt. Hold the tongue and let it retract completely and smoothly to its stowed position.

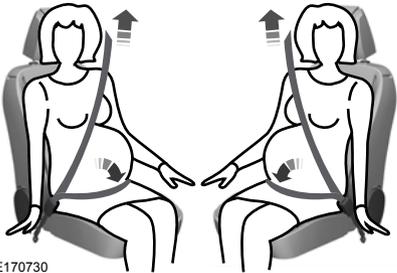
Using Safety Belts During Pregnancy

WARNING



Position the safety belt correctly for your safety and that of your unborn child. Do not use only the lap strap or the shoulder strap.

Safety Belts



E170730

Pregnant women should always wear their safety belt. The lap belt portion of a combination lap and shoulder safety belt should be positioned low across the hips below the stomach 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.

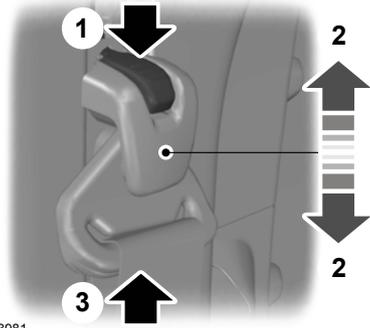
SAFETY BELT HEIGHT ADJUSTMENT

WARNING



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

Front Safety Belt



E143981

1. Support the safety belt loop while pressing the adjuster button.
2. Slide the adjuster to the desired position then release the button.
3. Pull down on the safety belt loop to make sure it is secure in position.

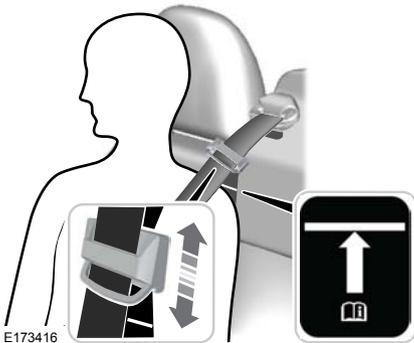
Rear Safety Belt

WARNING



The occupant must make sure that the slider is above the line.

Safety Belts



Adjust the lower edge of the slider so that it is above the white line.

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

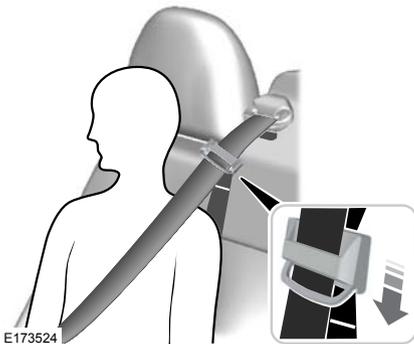
- The driver's safety belt has not been fastened.
- Your vehicle exceeds a relatively low speed.

It will also illuminate when the driver's safety belt is unfastened when your vehicle is moving.

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

Turning the Safety Belt Minder Off

See an authorized dealer.



If, when sitting upright, your shoulder is below the white line, you can adjust the slider to a position below the line so that the belt rests across the middle of your shoulder.

SAFETY BELT MINDER

WARNING



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

Supplementary Restraints System

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 77). 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.

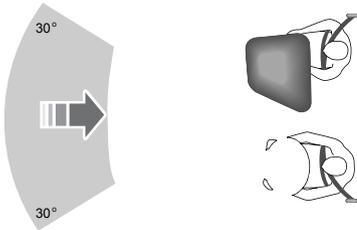
 Use seat covers designed for seats with side airbags. Have these fitted by an authorized dealer. Failure to adhere to this warning could result in serious personal injury or death.

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.*

Supplementary Restraints System

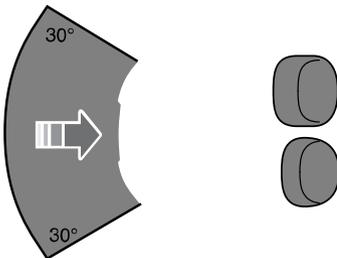
DRIVER AIRBAG



E68581

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

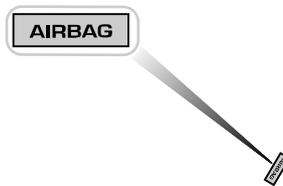
The airbag will deploy during significant frontal collisions or collisions that are up to 30 degrees from the left or the right. The airbag will inflate within a few thousandths of a second and deflate on contact with the occupant, thus cushioning forward body movement. During minor frontal collisions,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

SIDE AIRBAGS

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.

Supplementary Restraints System

SIDE CURTAIN AIRBAGS



E68905

Side curtain airbags are located over all side windows where there are driver and passenger seats. There are molded badges in the headlining above the side windows to indicate this.

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

Keys and Remote Controls

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. See an authorized dealer.

REPLACING A LOST KEY OR REMOTE CONTROL

You can purchase replacement keys or remote controls from an authorized dealer. Authorized dealers can program remote controls for your vehicle. See **Remote Control** (page 29).

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

Locks

LOCKING AND UNLOCKING

Note: Make sure you have locked your vehicle before leaving it unattended.

Note: Do not leave the keys in your vehicle.

Locking

Locking With the Key

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

Locking With the Remote Control



Press the button.

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

Double Locking

WARNING



Do not use double locking when passengers or animals are inside your vehicle. The doors cannot be unlocked from the inside if they have been double locked.

Double locking is a theft protection feature that prevents someone from opening the doors from the inside.

Note: If you double lock your vehicle while inside, switch the ignition on to return the door locks to a single locked state.

Double Locking With the Key

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

Double Locking With the Remote Control



Press the button twice within three seconds.

Unlocking

Unlocking With the Key

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

Unlocking With the Remote Control



Press the button.

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

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

Reprogramming the Unlocking Function

You can reprogram the unlocking function so that only the driver door is unlocked. See **Remote Control** (page 29).

Locking and Unlocking Confirmation

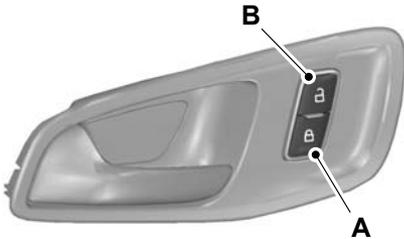
When you lock the doors, the direction indicators will flash twice.

When you unlock the doors, the direction indicators will flash once.

Note: If your vehicle has double locking, the direction indicators will only flash when your vehicle has been double locked.

Locks

Locking and Unlocking the Doors From Inside



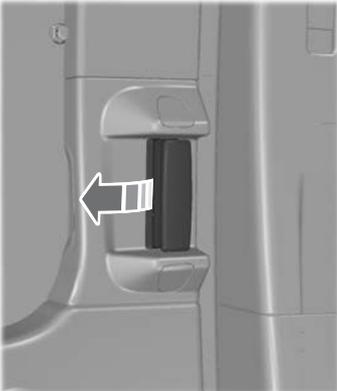
E148829

- A Lock
- B Unlock

You can see the door lock status in the instrument panel. The lamp will illuminate when you lock your vehicle.

Opening and Closing the Sliding Door

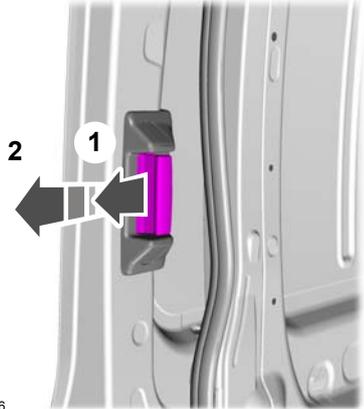
Opening the Sliding Door



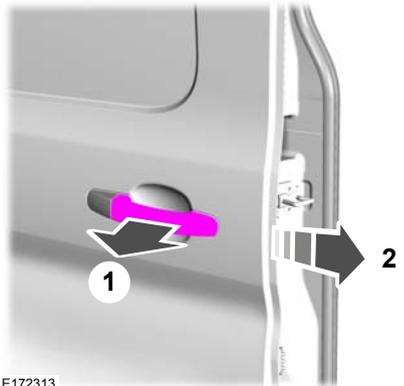
E148804

Pull the interior door handle to open the door.

Closing the Sliding Door



E171966



E172313

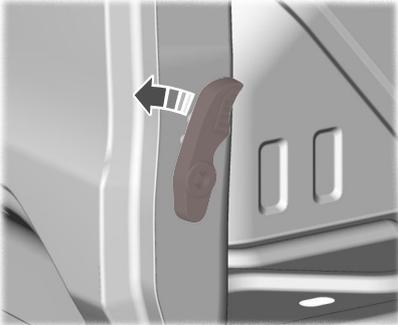
1. Pull the door handle to release the door check feature.
2. Slide the door to close.

Locks

Opening the Double Rear Doors

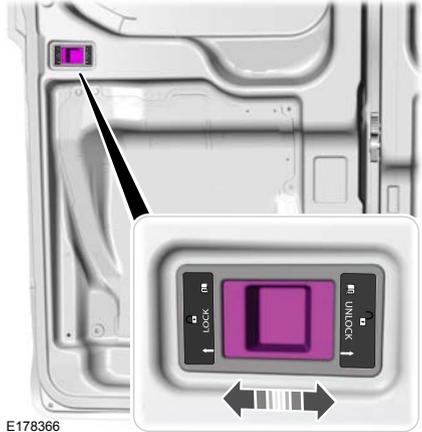


E148805



E148806

Fully Opening the Double Rear Doors



E178366

Slide the lever to release the catch and open the double rear doors fully.

Slam Locking



E171967

When there is no power to your vehicle, slam locking allows you to lock a door automatically when you close it. You can manually lock the front passenger door, sliding doors and rear cargo door using the key.

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

Locks

Note: *The horn may sound if you try to lock the doors when a door is still open.*

Automatic Locking

Your vehicle has the capability for the doors to lock automatically when you exceed 8 km/h. You can switch this function on using the information display. See **Information Displays** (page 61). If you have switched this function on, either use the interior door unlock button or switch the ignition off and use the key or remote control to unlock the rear or sliding door.

Automatic Re-Locking

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

Automatic Unlocking

You can switch this function on using the information display. See **Information Displays** (page 61). If you have switched this function on, the automatic unlocking feature will unlock all doors within 10 minutes of the end of a drive cycle, when the driver door is opened and the ignition is off.

One-Stage Unlocking

Note: *When you unlock the doors, the direction indicators will flash once.*

Note: *When you have double locked your vehicle, the interior unlock button will only work for a period of 20 seconds.*

You can switch this function on using the information display. See **Information Displays** (page 61).

If you have switched this function on, you will unlock all doors including the rear doors and the sliding door.

You will unlock all of the doors when you:

- Pull either interior handle (except if you have double locked the doors).
- Turn the key in the driver door lock.
- Press the unlock button on the remote control once.
- Press the interior unlock button once.

Two-Stage Unlocking

Note: *When you unlock the doors, the direction indicators will flash once.*

Note: *When you have double locked your vehicle, the interior unlock button will only work for a period of 20 seconds.*

You will unlock the front doors when you:

- Pull either interior handle (except if you have double locked the doors).
- Turn the key in the driver door lock.
- Press the unlock button on the remote control once.
- Press the interior unlock button once.

You will unlock the front doors and cargo area when you:

- Turn the key in the driver door lock to the unlock position twice within three seconds.
- Press the unlock button on the remote control twice within three seconds.
- Press the interior unlock button twice within three seconds.

Zone Re-Locking

If you enable zone re-locking and open one door, this will cause all other doors to remain locked. See an authorized dealer for further information.

Locks

The locks on Van, Bus and Kombi have two zones, cabin and cargo. For van and kombi vehicles, the cargo area comprises of the rear doors and the sliding door. For Bus vehicles, the cargo area comprises of the rear doors.

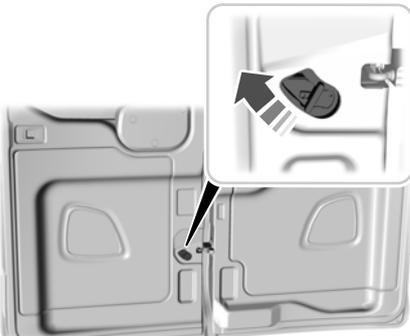
- Exit your vehicle and press the lock button.
- Press the unlock button or the cargo area unlock button once to open the respective zone.

If you now open a door within the unlocked zone, the other doors in that zone will automatically lock.

Configurable Unlocking

Configurable unlocking is set at the time of vehicle purchase. It allows you to select which doors unlock when you press the unlock button or the cargo area unlock button on your remote control once or twice. You cannot switch this feature back on if you have had it switched off. See an authorized dealer for further information.

Rear Emergency Exit



E171968

Pull the interior handle up to open the door in an emergency.

Security

PASSIVE ANTI-THEFT SYSTEM

Principle of Operation

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

Note: Do not leave correctly coded keys in the vehicle. Always take your keys and lock all doors when leaving the vehicle.

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

When 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 with a correctly coded key, have your vehicle checked by an authorized dealer.

ANTI-THEFT ALARM

Alarm System

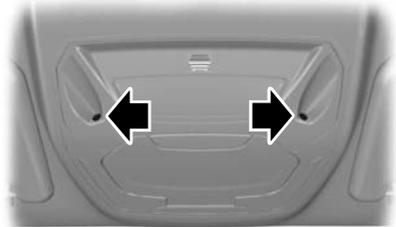
Your vehicle may have one of the following alarm systems:

- Category one alarm with interior sensors and battery back-up sounder.
- Perimeter alarm.

Perimeter Alarm

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

Interior Sensors (If Equipped)



E131656

Note: Do not cover up the interior scanning sensors.

The sensors act as a deterrent against unauthorized intrusion by sensing any movement within your vehicle.

Battery Back-up Sounder

The battery back-up sounder is an additional alarm system this will sound a siren when the alarm is triggered. When you lock your vehicle the system is armed. The sounder has its own battery and will sound an alarm siren even if someone disconnects your vehicle battery or the battery back-up sounder itself.

Security

Triggering the Alarm

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

- If someone opens a door 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 interior sensors detect movement within your vehicle.
- On vehicles with a battery back-up sounder, if someone disconnects your vehicle battery or the battery back-up sounder itself.

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

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

Guard Settings

WARNING



Do not arm the alarm with full guard if passengers, animals or other moving objects are inside your vehicle. This could trigger the alarm.

Message	Description
Full guard	The interior sensors are on when you arm the alarm.
Reduced	The interior sensors are off when you arm the alarm. You can set the alarm to reduced guard for the current ignition cycle only. The alarm will reset to full guard the next time you switch the ignition on.
Ask on exit	You can set the information display to ask you each time which level of guard you wish to set. A message appears in the information display each time you switch the ignition off. If you wish to arm the alarm with reduced guard, press the OK button when this message appears. If you wish to arm the alarm with full guard, leave your vehicle without pressing the OK button.

Selecting Full or Reduced Guard

Note: *Selecting reduced guard does not set the alarm permanently to reduced guard. It sets it to reduced guard only for the current ignition cycle. If you regularly set the alarm to reduced guard, select the option to ask when you exit.*

You can select full or reduced guard using the information display. See **General Information** (page 61).

Arming the Alarm

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

Disarming the Alarm

Perimeter Alarm

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.

Category One Alarm

Disarm and silence the alarm by unlocking the doors with the key and switching the ignition on with a correctly coded key within 12 seconds or unlocking the doors with the remote control.

Power Running Boards

USING POWER RUNNING BOARDS

WARNINGS



In extreme climates, excessive ice buildup may occur, causing the power running boards not to deploy. Make sure that the power running boards have deployed, and have finished moving before attempting to step on them. The power running boards will resume normal function once the blockage is cleared.



Turn off the power running boards before jacking or placing any object under your vehicle. Never place your hand between the extended running board and your vehicle. A moving running board may cause injury.

Note: Do not use the power running boards, front and rear hinge assemblies, running board motors or the running board underbody mounts to lift your vehicle when jacking. Always use proper jacking points.

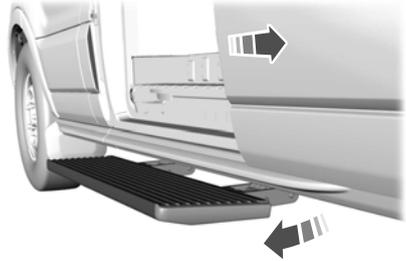
Note: The power running boards may operate more slowly in cool temperatures.

Note: The running board mechanism may trap debris such as mud, dirt, snow, ice and salt. This may cause unwanted noise. If this happens, manually set the power running boards to the deployed position. Then wash the system in particular the front and rear hinge arms with a high-pressure car wash wand.

Note: If you drive off while the power power running boards are deployed the engine will stop.

Note: In the event of a malfunction you can stow the power running boards manually.

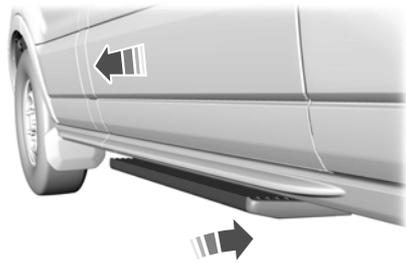
Automatic Power Deploy



E171469

The power running boards automatically extend down and out when you open the door. This can help you enter and exit your vehicle.

Automatic Power Stow



E171470

When you close the doors, the power running boards return to the stowed position after a two-second delay.

Manual Power Deploy

You can manually operate the power running boards in the information display. See **General Information** (page 61).

Power Running Boards

To set the power running boards to the deployed position, scroll to:

Message	Action
Driver assist	Press the OK button.
Power step	Press the OK button.
Deploy	Press the OK button.

Enabling and Disabling

You can enable and disable the power running board feature in the information display. See **General Information** (page 61).

To enable or disable the power running board feature, scroll to:

Message	Action and Description
Driver assist	Press the OK button.
Power step	Press the OK button.
Select one of the following:	
Off	Press the OK button. When disabled the power running boards move to the stowed position regardless of the door position.
Auto	Press the OK button. When enabled the power running boards move to the correct position based on the door position.

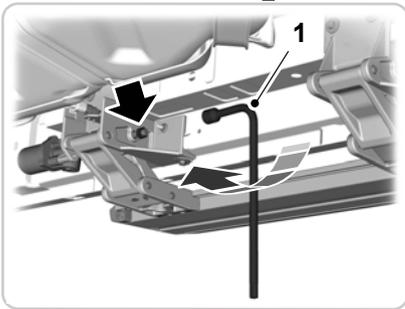
When you switch the ignition on, the system turns on automatically.

Bounce-back

The running board will reverse direction and move to the end of travel if it encounters an object while moving.

Power Running Boards

Manual Operation



E171471

1. Insert the lug wrench into the guide hole and turn the handle clockwise until the step is in the stowed position.

Resetting the System

You can reset the system by opening and closing the sliding door.

Steering Wheel

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 77).



E95178

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



E95179

3. Lock the steering column.

AUDIO CONTROL

Select the required source on the audio unit.

You can operate the following functions with the control:

Type 1

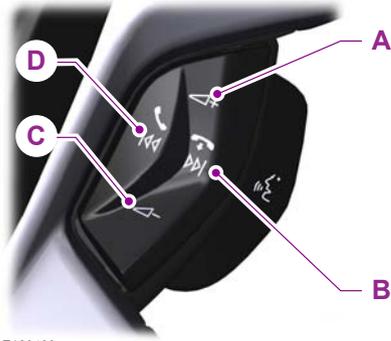


E145434

Use the arrows on the steering wheel to navigate through the menus. Press **OK** to make a selection.

Steering Wheel

Type 2



E129463

- A Volume up
- B Seek up or next
- C Volume down
- D Seek down or previous

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



E129464

Pull the control to select or deselect voice control.

CRUISE CONTROL



E142437

See **Cruise Control** (page 110).

Steering Wheel

INFORMATION DISPLAY CONTROL



E130248

See **Information Displays** (page 61).

Wipers and Washers

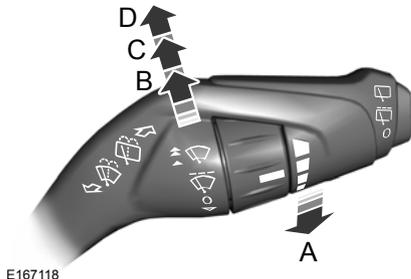
WINDSHIELD WIPERS

Note: Fully defrost the windshield before you switch the windshield wipers on.

Note: Make sure you switch the windshield wipers and ignition off before using an automatic car wash.

Note: If streaks or smears appear on the windshield, clean the windshield and the wiper blades. If that does not resolve the issue, install new wiper blades.

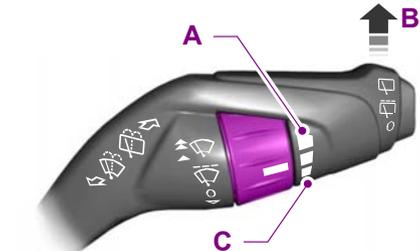
Note: Do not operate the wipers on a dry windshield. This may scratch the glass, damage the wiper blades or cause the wiper motor to burn out. Always use the windshield washers before wiping a dry windshield.



E167118

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

Intermittent Wipe



E167119

- A Short wipe interval
- B Intermittent wipe
- C Long wipe interval

Use the rotary control to adjust the intermittent wipe interval.

Speed Dependent Wipers (If Equipped)

When your vehicle speed increases, the interval between wipes decreases.

AUTOWIPERS

Note: Fully defrost the windshield before you switch the windshield wipers on.

Note: Make sure you switch the windshield wipers and ignition off before using an automatic car wash.

Note: If streaks or smears appear on the windshield, clean the windshield and the wiper blades. If that does not resolve the issue, install new wiper blades.

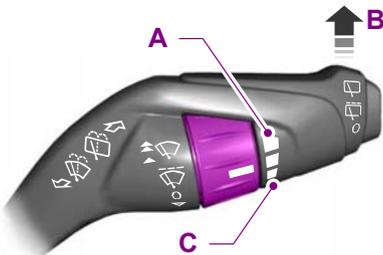
Note: If you switch autolamps and autowipers on, the headlamps will automatically turn on when the windshield wipers continuously operate.

Wipers and Washers

Note: During wet or winter driving conditions with ice, snow or a salty road mist, inconsistent or unexpected wiping or smearing may occur.

In these conditions, you can do the following:

- Lower the sensitivity of the autowipers to reduce the amount of smearing on the windshield.
- Switch to normal or high-speed wipe.
- Switch autowipers off.



E167119

- A High sensitivity
- B On
- C Low sensitivity

Autowipers uses a rain sensor located in the area around the interior mirror. The rain sensor monitors the amount of moisture on the windshield and automatically turns the wipers on. It will adjust the wiper speed by the amount of moisture that the sensor detects on the windshield.

Use the rotary control to adjust the sensitivity of the autowipers. When you select low sensitivity, the wipers will operate when the sensor detects a large amount of water on the windshield. When you select high sensitivity, the wipers will operate when the sensor detects a small amount of water on the windshield.

Keep the outside of the windshield clean. The rain sensor is very sensitive and the wipers may operate if dirt, mist or insects 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.

Note: Do not operate the washers for more than 10 seconds at a time.



E129188

To use the washer, pull the lever toward you.

When you release the lever, wiping will continue for a short period of time.

REAR WINDOW WIPER AND WASHERS

Rear Window Wiper

Note: Make sure you switch the rear window wiper and ignition off before using an automatic car wash.

Wipers and Washers



E171615

- A Intermittent wipe.
- B Low speed wipe.
- C Off.

Press the top of the button to switch intermittent wipe on. Press the top of the button again to switch low speed wipe on. Press the bottom of the button to switch the rear window wiper off.

When you switch on the front wipers and move the gearshift lever to reverse (R), rear intermittent wipe automatically turns on.

Rear Window Washer



E167407

Push the lever away from you to operate the rear window washer. When you release the lever, wiping continues for a short period of time.

Lighting

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.

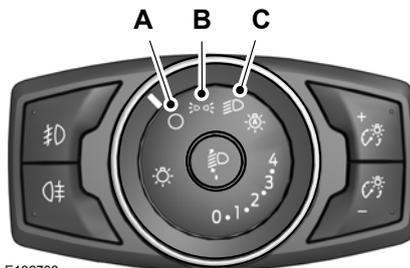
Examples of unacceptable condensation are:

- 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



E132706

- A Off
- B Parking lamps, instrument panel lamps, license plate lamps and tail lamps
- C Headlamps

Parking Lamps (If Equipped)

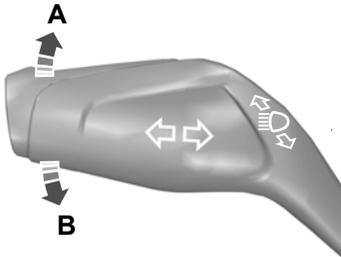
Switch the ignition off.

Both Sides

To operate the parking lamps turn the lighting control to position B.

Lighting

One Side



E163717

- A Right-hand side
- B Left-hand side

Note: Prolonged use of the parking lamps will cause the battery to run out of charge.

High Beams



E163718

Push the lever forward to switch the high beams on.

Push the lever forward again or pull the lever toward you to switch the high beams off.

Headlamp Flasher



E163719

Pull the lever slightly toward the steering wheel.

AUTOLAMPS



E132707

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

The headlamps will remain on for a period of time after you switch the ignition off. Use the information display controls to adjust the period of time that the headlamps will remain on. See **Information Displays** (page 61).

When the headlamp switch is in the Autolamps position, the windshield wiper activated exterior lamps will turn on within 10 seconds when you switch the windshield wipers on. The exterior lamps will turn off after a short period of time when you switch the windshield wipers off.

Lighting

This feature does not turn on the exterior lamps:

- During a single wipe.
- While the wipers are on to clear washer fluid during a wash condition.
- If the wipers are in automatic or intermittent modes.

Note: *If you have autolamps and autowipers switched on the low beam headlamps will turn on automatically when the windshield wipers operate continuously.*

Note: *You may have to manually switch the headlamps on in severe weather conditions.*

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

INSTRUMENT LIGHTING DIMMER



E132712

Press it repeatedly or press it and hold it until the desired level is reached.

Note: *If you disconnect the battery or it loses charge the instrument lighting will return to its brightest setting.*

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.

DAYTIME RUNNING LAMPS

Daytime Running Lamps (If Equipped)

WARNING

 Always remember to switch the headlamps on in low light situations or during inclement weather. The system does not turn the rear lamps on and may not provide adequate lighting. Failure to switch the headlamps on under these conditions may result in a crash.

When you switch the ignition on, the system automatically turns on.

To switch the system on:

1. Switch the ignition on.
2. Turn the lighting control switch to the off or autolamp position.

Lighting

REAR FOG LAMPS



E132710

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

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

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

Note: Do not use the rear fog lamps when it is raining or snowing.

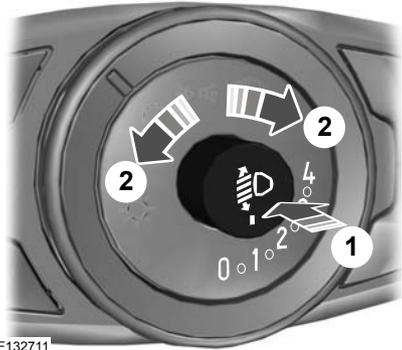
Note: If you switch autolamps on, you can only switch the fog lamps on once autolamps has turned the headlamps on.

HEADLAMP LEVELING

Adjust the level of the headlamp beams according to your vehicle load.

Set the headlamp leveling control to zero when your vehicle is unloaded. Set the headlamp beams to give between 35–100 m of road surface illumination when your vehicle is partially or fully loaded.

To adjust the level of the headlamp beams:



E132711

1. Press to release the control.
2. Rotate the control to the required setting.
3. Press to close the control.

DIRECTION INDICATORS



E162681

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.

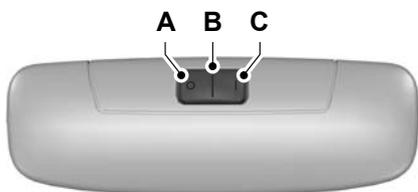
Lighting

STEPWELL LAMPS

The stepwell lamps will come on and go off automatically when you open and close the doors. If you unlock the doors with the remote control, they will come on. They will go off automatically after a short time.

INTERIOR LAMPS

Courtesy Lamp



E112207

- A Off
- B Door contact
- C On

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

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

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

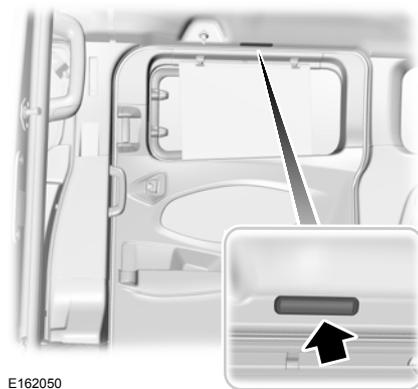
Reading Lamps



E112208

If you switch the ignition off, the reading lamps will switch off automatically after a short period of time to prevent your vehicle battery from losing charge. To switch them back on, switch the ignition on for a short period of time.

Entrance Lamps



E162050

The lamps are located above the rear doors and sliding door. They will switch on and off automatically when you open and close the doors. If you unlock the doors with the remote control, they will switch on. They will switch off automatically after a short period of time.

Windows and Mirrors

POWER WINDOWS

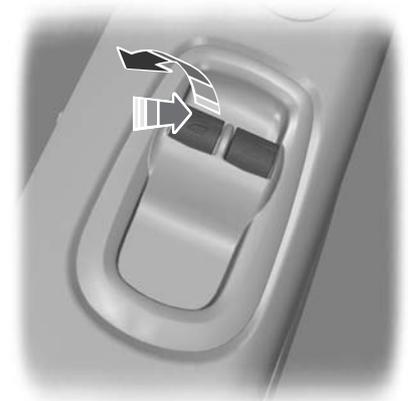
WARNINGS



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.



E145236

Press the switch to open the window.

Lift the switch to close the window.

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

Note: The power windows only operate with the ignition switched on.

Driver Side One-Touch Down

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

Driver Side One-Touch Up

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

Bounce-Back

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

Overriding the Bounce-Back Feature

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 it is reset.

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. Release the switch.
5. Lift the switch again for one more second.
6. Open the window and then try to close using the one-touch feature.

Windows and Mirrors

7. Repeat the procedure if the window does not close using the one-touch feature.

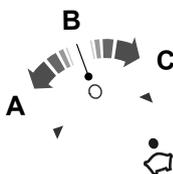
Note: If you have disconnected the battery, you must reset the bounce-back memory.

EXTERIOR MIRRORS

Power Exterior Mirrors

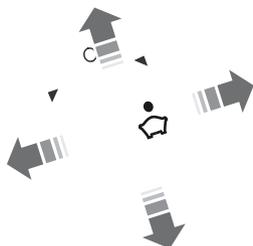
WARNING

 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



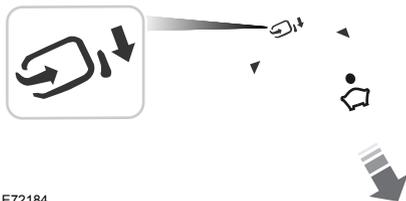
E71281

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

Power Folding Mirrors (If Equipped)

Folding and Unfolding

The power folding mirrors operate with the ignition on, and for several minutes after you switch the ignition off.



E72184

Move the controller downward to fold or unfold the mirrors.

Note: You can only fold the mirrors when the controller is set to position B.

Note: If you fold and unfold the mirrors several times within one minute, the power fold function may turn off to protect the motors from overheating.

Note: Do not manually fold or unfold power folding mirrors.

Fold-Away Exterior Mirrors

Push the mirror toward the door window glass. Make sure that you fully engage the mirror in its support when you unfold it.

INTERIOR MIRROR

WARNING



Do not adjust the mirror when your vehicle is moving.

Windows and Mirrors

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.

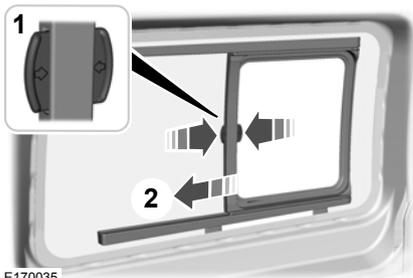
Pull the tab below the mirror toward you to reduce glare at night.

Auto-Dimming Mirror (If Equipped)

Note: Do not block the sensors on the front and back of the mirror. Mirror performance may be affected. A rear center passenger or raised rear center head restraint may also block light from reaching the sensor.

The mirror will dim automatically to reduce glare when bright lights are detected from behind your vehicle. It will automatically return to normal reflection when you select reverse gear to make sure you have a clear view when backing up.

SLIDING WINDOWS

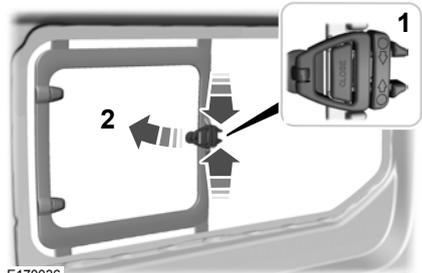


E170035

1. Press and hold the unlock button.
2. Slide the window.

REAR QUARTER WINDOWS

Opening the Rear Quarter Windows



E170036

1. Press the unlock button to release the catch.

Note: Depending on the lock type fitted, you will have to either press the unlock buttons together or down to release the catch.

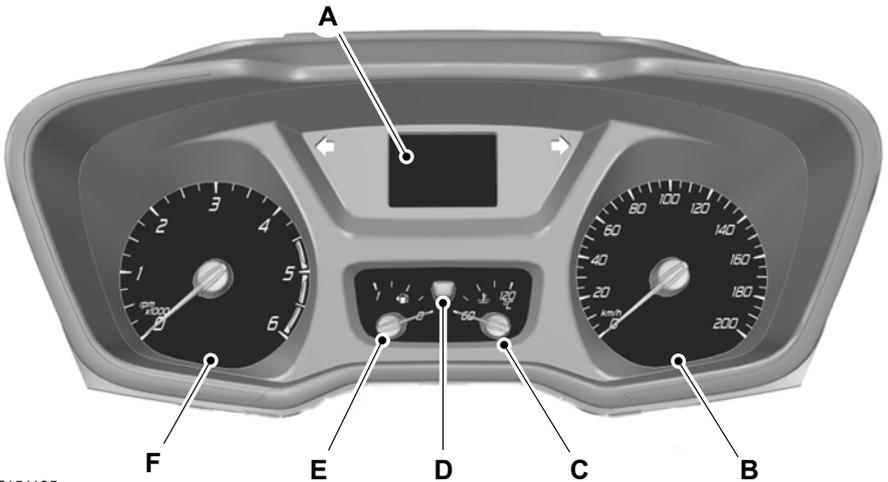
2. Hold the catch and push the window open. Make sure the catch engages.

Closing the Rear Quarter Windows

1. Hold and pull the catch to close the window.
2. Press the catch to engage the lock.

Instrument Cluster

GAUGES



E151125

- A Odometer, tripmeter, distance to empty and Information display. See **Information Displays** (page 61).
- B Speedometer.
- C Engine coolant temperature gauge.
- D Tripmeter reset and distance to empty toggle button.
- E Fuel gauge.
- F Tachometer.

Information Display

Odometer

Registers the distance your vehicle has traveled.

Tripmeter Reset and Distance to Empty

Press the button to change between the tripmeter and distance to empty information. Press and hold the button to reset the tripmeter.

Trip Computer

See **Trip Computer** (page 66).

Outside Air Temperature

Shows the outside air temperature.

Instrument Cluster

Engine Coolant Temperature Gauge

WARNING



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

At normal operating temperature, the needle will remain in the center section.

If the needle enters the red section, the engine is overheating. Stop your vehicle as soon as it is safe to do so and switch the engine off. Determine the cause once the engine has cooled down. See **Engine Coolant Check** (page 143).

Note: Do not restart the engine until the cause of overheating has been determined and resolved.

Fuel Gauge

Switch the ignition on. The fuel gauge will indicate approximately how much fuel is in the fuel tank. 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 illuminate when you start your vehicle.

All-Wheel Drive Lock Indicator



It will illuminate when the all-wheel drive differential lock is engaged.

Anti-Lock Brake System Warning Lamp



If it illuminates when you are driving, this indicates a malfunction. Your vehicle will continue to have normal braking without Anti-lock brake system function. Have your vehicle checked by an authorized dealer as soon as possible.

Brake Pad Wear Warning Lamp



It will illuminate when the brake pads have worn down to a predetermined limit. Have your vehicle checked by an authorized dealer as soon as possible.

Brake System Warning Lamp

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.



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

Instrument Cluster

If it illuminates when your vehicle is moving, make sure the parking is disengaged. If the parking brake is disengaged, this indicates low brake fluid level or a brake system malfunction. Have your vehicle checked by an authorized dealer immediately.

Collision Warning System Indicator



It will illuminate when you switch the system off.

It will illuminate when the system is not available and may indicate a system malfunction. Have your vehicle checked by an authorized dealer as soon as possible.

Direction Indicator



Flashes during operation. A sudden increase in the rate of flashing warns of a failed indicator bulb. See **Changing a Bulb** (page 149).

Door Ajar Warning Lamp



Illuminates when you switch the ignition on and remains on if any door or the hood is open.

Engine Temperature Warning Lamp



If it illuminates when you are driving, this indicates that the engine is overheating. Stop your vehicle as soon as it is safe to do so and switch the engine off. Determine the cause once the engine has cooled down. Have your vehicle checked by an authorized dealer as soon as possible.

Engine Warning Lamps



Malfunction Indicator Lamp



Service Required 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 either lamp 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 when the engine is running, 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.

Exhaust Emission Fluid Warning Lamp



It will illuminate when the diesel exhaust fluid is low. See **Selective Catalytic Reduction System** (page 95).

If it illuminates when your vehicle is moving, and the diesel exhaust fluid is at a sufficient level, this indicates a system malfunction. Have your vehicle checked by an authorized dealer immediately.

Instrument Cluster

Front Airbag Warning Lamp



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

Front Fog Lamp Indicator



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

Frost Warning Lamp

WARNING



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



It will illuminate when the outside air temperature is 39°F (4°C) or below.

Glow Plug Indicator



If it illuminates, wait until it extinguishes before starting.

Headlamp Indicator



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

High Beam Indicator



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

Hill Start Assist Indicator



It will illuminate when the system is not available.

Note: *Not available on all instrument clusters.*

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.

Lane Departure Warning Indicator



It will illuminate when you switch the system off.

It will illuminate when the system is not available and may indicate a system malfunction. Have your vehicle checked by an authorized dealer as soon as possible.

Low Fuel Level Warning Lamp



If it illuminates, refuel as soon as possible.

Message Center Indicator



It will illuminate when a new message is stored in the information display. It will be red or amber in color depending on the severity of the message and will remain on until the cause of the message has been rectified. See **Information Messages** (page 67).

Instrument Cluster

Oil Pressure 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 engine oil level. See **Engine Oil Check** (page 142).

Over Speed Warning Indicator



It will illuminate when your vehicle exceeds a set speed.

Rear Fog Lamp 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 25).

Shift Indicator



It will illuminate when you are recommended to shift up or down from the selected gear.



Stability Control Indicator



It will illuminate for a short period of time when you switch the ignition on. If it illuminates when you are driving, this indicates a malfunction. During a malfunction, the system turns off. Have your vehicle checked by an authorized dealer as soon as possible.

Note: *While driving, it flashes when the system is operating.*

Stability Control Off



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.

Start-Stop Indicator



It will illuminate when the engine has automatically stopped. It will flash to inform you when the engine needs to restart. See **Auto-Start-Stop** (page 90). See **Information Messages** (page 67).

Low Tire Pressure Warning Indicator



It will illuminate if the tire pressure in one or more tires is below the correct pressure.

Instrument Cluster

Water In Fuel Indicator

Vehicles with a Diesel Engine



It will illuminate if there is excess water in the fuel filter. Drain off the water immediately. See

Draining the Fuel Filter Water Trap

(page 144). If it illuminates after draining the water, this indicates a fuel filter service is required. Have your vehicle checked by an authorized dealer immediately.

Parking Brake On

Sounds when the parking brake is on and your vehicle is moving. If the warning chime remains on after you have released the parking brake, have the system checked by an authorized dealer immediately.

Safety Belt Minder

Sounds when a safety belt is unfastened in an occupied seat and your vehicle is moving.

AUDIBLE WARNINGS AND INDICATORS

Airbag Secondary Warning

Sounds when there is a fault with the airbag system and the airbag warning lamp.

Auto-Start-Stop

Sounds when the driver door is open and Auto-Start-Stop is in run mode while the engine has stopped.

Door Ajar

Sounds when a door is not fully closed and your vehicle is moving.

Emergency Door Open

Sounds continuously when the emergency door is open.

Exterior Lamps On

Sounds when the driver door is open and the exterior lamps are on.

Over Speed Warning

Sounds when your vehicle exceeds a set speed.

Information Displays

GENERAL INFORMATION

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.

You can control various systems on your vehicle using the information display controls on the steering wheel. The information display will show the corresponding information.

Information Display Controls



E138659

- Press the up and down arrow buttons 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 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.

Trip computer¹

Message
Trip computer
Dist to empty
Instant fuel
Average fuel

Information Displays

Message
Average speed
All values

¹ See **Trip Computer** (page 66). See **Gauges** (page 55).

Information

Message
Driver alert
AdBlue® level
System check

Settings

Message	Action	
Driver assist	Traction control	On or Off
	Driver alert	On or Off
	Hill start assist	On or Off
	Lane keeping	Sensitivity
		Intensity
	Power step	Auto
		Deploy
		Off
Tyre monitor	Reset	
Forward alert	On or Off	
Lighting	Rain light	On or Off
	Hdlamp delay	Manual or xx Seconds
Display	Language	Choose your applicable setting
	Measure unit	Choose your applicable setting

Information Displays

Message		Action	
	Temp unit	Choose your applicable setting	
Chimes	Information	On or Off	
	Warning	On or Off	
Convenience	Aux heater	Park heater	On or Off
			Time 1
			Time 2
			Once
			Heat now
	Locks	Auto lock	
		Auto lock	
		Global unlock	
		Custom locking	
	Alarm	Full guard	
		Reduced	
		Ask on exit	
System reset		Hold OK to Reset System to Factory Default	

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. Use the up and down arrow buttons to scroll through the list. See **Information Messages** (page 67).

Menu Structure - Information and Entertainment Display

You can access the menu using the information and entertainment display control. See **At a Glance** (page 10).

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

SYNC-Media allows you to access the SYNC features.

Information Displays

SYNC-Phone

Message	
Dial a number	
Redial	
Phonebook	
Call history	Incoming calls
	Outgoing calls
	Missed calls
Speed Dial	
Text messaging	
BT Devices	
Phone settings	Set as master
	Phonebook pref.
	Set ringtone
	Phone status
	Text msg notify
Emerg. Assist.	

Menu

	Message	Action
SYNC-Settings	Bluetooth on	
	Set defaults	
	Master reset	
	Install on SYNC	
	System info	
	Voice settings	
	Browse USB	
SYNC-Apps		

Information Displays

Message		Action
Navigation	Route options	Route
		Driver:
		Eco settings
		Dynamic
		Motorway
		Tunnel
		Ferry/motorail
		Toll
		Seasonal roads
		Toll sticker
	Map display	Map content
		Arrows on map:
		Nav time display:
		Map heading up
		Best contrast
	Assistance options	Signs / lane
		Speed limits
		Nav icons in lists
		Hazard spot warning
	Personal data	Clear last destinations
Clear favourites		
Delete home address		
Clear all data		
Reset all settings		
Audio settings	Adaptive volume	
	Sound	
	Nav audio mixing	

Information Displays

	Message	Action
	DSP settings	
	DSP equaliser	
	TA	
	News	
	Alt. frequency	
	RDS regional	
	DAB service link	
Clock settings	Auto time (GPS)	
	Set time	
	Set date	
	Set time zone	
	Summer time	
	24-hour mode	

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 61).

TRIP COMPUTER

Resetting the Trip Computer

Press and hold **OK** on the current screen to reset the respective trip, distance, time and average fuel information.

Trip Odometer

Registers the distance traveled of individual journeys.

Distance to Empty

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.

Instantaneous Fuel Consumption

Indicates the current fuel consumption.

Average Fuel Consumption

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

Average Speed

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

Information Displays

Outside Air Temperature

Shows the outside air temperature.

All Values

Indicates all the respective trip, distance, time and average fuel information.

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

The following chimes can be switched off:

- Warning messages.
- Information messages.

INFORMATION MESSAGES



E130248

Press the **OK** button to acknowledge and remove some messages from the information display. You need to confirm certain messages before you can access the menus. The information display will automatically remove other messages after a short period of time.

Note: *Depending on your vehicle options and instrument cluster type, not all of the messages will display or be available. The information display may abbreviate or shorten certain messages.*

 The message indicator illuminates to supplement some messages. The message indicator will be red or amber depending on the severity of the relevant system condition. The message indicator will remain on until a system repair is completed.

A system-specific symbol with a message indicator may supplement some messages.

Airbag

Message	Description and Action
Airbag fault Service now	The system has detected a fault that requires service.

Information Displays

Alarm

Message	Description and Action
Alarm triggered Check Vehicle	Indicates that there has been an activation of the anti-theft alarm. See Anti-Theft Alarm (page 35).
Alarm fault Service required	The system has detected a fault that requires service.

Battery and Charging System

Message	Description and Action
Electrical system over-voltage Stop safely	Stop your vehicle as soon as it is safe to do so and switch the ignition off. The system has detected a fault that requires service.
Battery low See manual	Switch off all unnecessary electrical systems and devices. The system has detected a fault that requires service.

Diesel Exhaust Fluid

Message	Description and Action
AdBlue® low Range XXXX mls	Indicates the approximate distance remaining before the diesel exhaust fluid tank will be empty.
AdBlue® low Range XXXX km Refill soon	Indicates the approximate distance remaining before the diesel exhaust fluid tank will be empty. Refill the diesel exhaust fluid tank as soon as possible. See Selective Catalytic Reduction System (page 95).
AdBlue® low No engine start in XXXX km	Indicates the approximate distance remaining before the diesel exhaust fluid tank will be empty and when it will restrict the engine from starting. Refill the diesel exhaust fluid tank as soon as possible. See Selective Catalytic Reduction System (page 95).
AdBlue® level empty. Refill to start engine	The diesel exhaust fluid tank is empty and is restricting the engine from starting. Refill the diesel exhaust fluid tank. See Selective Catalytic Reduction System (page 95).
AdBlue® sys malfunction Service required	The system has detected a fault that requires service.

Information Displays

Message	Description and Action
AdBlue® sys No engine start in XXXX km	The system has detected a fault that requires service.
AdBlue® sys Service required to start engine	The system has detected a fault that requires service.

Note: When filling the diesel exhaust fluid tank from empty, there may be a short period before the increased diesel exhaust fluid level is registered.

Door Open

Message	Description and Action
Driver door open	Stop your vehicle as soon as it is safe to do so and close the door.
Driver side rear door open	Stop your vehicle as soon as it is safe to do so and close the door.
Passenger door open	Stop your vehicle as soon as it is safe to do so and close the door.
Passenger side rear door open	Stop your vehicle as soon as it is safe to do so and close the door.
Bonnet open	Stop your vehicle as soon as it is safe to do so and close the hood.
Rear load compartment door open	Stop your vehicle as soon as it is safe to do so and close the door.
Emergency rear door open	Stop your vehicle as soon as it is safe to do so and close the door.

Engine

Message	Description and Action
Engine fault Service now	The system has detected a fault that requires service.
High engine temperature Stop safely	Stop your vehicle as soon as it is safe to do so, allow the engine to cool and then check the coolant level. If the warning remains on when you have checked the coolant level, the system has detected a fault that requires service. See Engine Coolant Check (page 143).

Information Displays

Hill Start Assist

Message	Description and Action
Hill start assist not available	The system has detected a fault that requires service. See Hill Start Assist (page 103).

Lighting

Message	Description and Action
Brake lamp Bulb fault	Indicates that a brake lamp bulb has burned out. See Lighting (page 47).
Dipped beam Bulb fault	Indicates that a low beam headlamp bulb has burned out. See Lighting (page 47).
Headlamp malfunction Service required	The system has detected a fault that requires service.

Maintenance

Message	Description and Action
Oil change required	The engine oil has exceeded the service time or distance limit. Replace the engine oil and oil filter as soon as possible. See Engine Oil Check (page 142).
Brake fluid level low Service now	The system has detected a fault that requires service. See Brake and Clutch Fluid Check (page 143).
Washer fluid level low	Refill the washer fluid reservoir as soon as possible. See Washer Fluid Check (page 144).

Parking Aid

Message	Description and Action
Parking aid malfunction Service required	The system has detected a fault that requires service. See Parking Aid (page 106).

Information Displays

Parking Brake

Message	Description and Action
Park brake applied	The parking brake is applied and your vehicle speed is above 5 km/h. If the warning remains on when you have released the parking brake, the system has detected a fault that requires service.

Starting System

Message	Description and Action
Press brake to start	Press the brake pedal before you start the engine.
Cranking time exceeded	Indicates that the engine has failed to start.

Tire Pressure Monitoring System

Message	Description and Action
Check tyre pressures	The tire pressure is low in one or more tires, check the tire pressures. See Technical Specifications (page 166).
Tyre monitor malfunction Service required	The system has detected a fault that requires service.
Tyre sensors not detected Check hand- book	The system has detected a fault that requires service or the spare tire is in use.

Traction Control

Message	Description and Action
Traction control off	Indicates that you have switched the traction control system off. See Using Traction Control (page 104).

Climate Control

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

WARNING



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.

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 Conditioning

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.

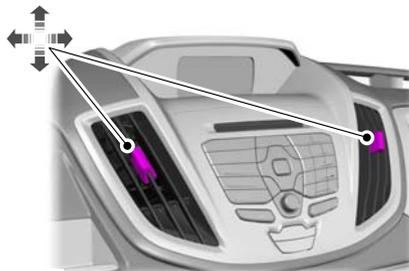
Note: The air conditioning operates only when the temperature is above 4°C.

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

AIR VENTS

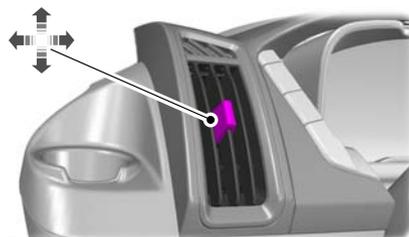
To close a vent, slide the airflow direction adjuster down.

Center Air Vents



E169287

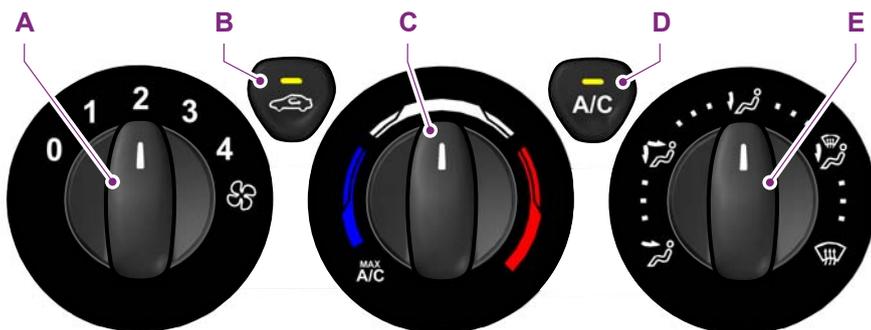
Side Air Vent



E169288

Climate Control

MANUAL CLIMATE CONTROL



E147011

- A **Fan speed control:** Controls the volume of air circulated in your vehicle. Adjust to select the desired fan speed or switch off. If you switch the fan off, the windshield may fog up.
- B **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.
- C **Temperature control:** Controls the temperature of the air circulated in your vehicle. Adjust to select the desired temperature. 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. Turn the temperature control to maximum heat to turn the auxiliary heater on
- D **Air conditioning:** Press the button to switch the air conditioning on or off. To improve air conditioning when starting your vehicle, drive with the windows open for two to three minutes.
- E **Air distribution control:** Adjust to select the desired air distribution.



Select to distribute air through the instrument panel air vents.



Select to distribute air through the footwell air vents.



Select to distribute air through the instrument panel air vents and footwell air vents.



Select to distribute air through the windshield air vents and footwell air vents.

Climate Control



Select to distribute air through the windshield air vents. You can also use this setting to defog or clear the windshield of a thin covering of ice. You can also increase the temperature and fan speed to improve clearing.

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: *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.*

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 and press the A/C button to improve clearing, if required.*

Heating the Interior Quickly

- Adjust the fan speed to the highest speed setting.
- Adjust the temperature control to the highest setting.
- Adjust the air distribution control to the footwell air vents position.

Recommended Settings for Heating

- Adjust the fan speed to the second speed setting.
- Adjust the temperature control to the midway point of the hot settings.
- Adjust the air distribution control to the footwell and windshield air vents position.

Cooling the Interior Quickly

- Adjust the fan speed to the highest speed setting.
- Adjust the temperature control to the **MAX A/C** position.
- Adjust the air distribution control to the instrument panel air vents position.

Recommended Settings for Cooling

- Adjust the fan speed to the second speed setting.
- Adjust the temperature control to the midway point of the cold settings.
- Adjust the air distribution control to the instrument panel air vents position.

Vehicle Stationary for Extended Periods During Extreme High Ambient Temperatures

- Apply the parking brake.
- Move the transmission selector lever to position **P** or neutral.
- Adjust the temperature control to the **MAX A/C** position.
- Adjust the fan speed to the lowest speed setting.

Climate Control

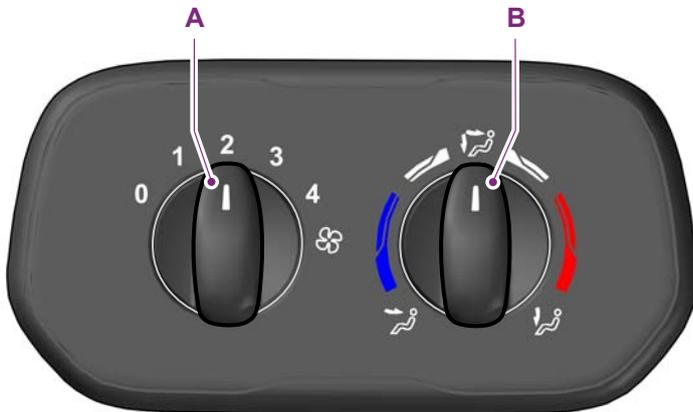
Side Window Defogging in Cold Weather

- Adjust the air distribution control to the instrument panel and windshield air vents positions.
- Press the **A/C** button.
- Adjust the temperature control to the desired setting.
- Adjust the fan speed to the highest setting.
- Direct the instrument panel side air vents toward the side windows.
- Close the instrument panel vents.

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

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

REAR PASSENGER CLIMATE CONTROLS



E175829

- A **Fan speed control:** Controls the volume of air circulated in your vehicle. Adjust to select the desired fan speed or switch off.
- B **Temperature and air distribution control:** Controls the temperature of the air circulated in your vehicle. Adjust to select the desired temperature and distribution. Cool air distributes through the top air vents and warm air distributes through the footwell air vents.

Climate Control

Note: Switch the air conditioning on to cool the air through the rear air vents.

HEATED WINDOWS AND MIRRORS

Note: Make sure the engine is running before operating the heated windows.

Note: If you switch the heated windows on, the engine may not stop automatically when using Start-Stop. If you press the heated window switch when the engine has automatically stopped, an engine restart will be required. See **Auto-Start-Stop** (page 90).

Heated Windshield



Press the button to clear the window of thin ice and fog. Press the button again to switch it off. It will switch off automatically after a short period of time.

Heated Rear Window



Press the button to clear the window of thin ice and fog. Press the button again to switch it off. It will switch off automatically after a short period of time.

Note: Do not use razor blades or other sharp objects to clean the inside of the rear window or to remove decals from the inside of the rear window. This may cause damage to the heated grid lines and will not be covered by your vehicle warranty.

Heated Exterior Mirrors

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

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

Note: On vehicles without a heated exterior mirror switch, they will switch on automatically when you switch the heated windshield or heated rear window on.



Both mirrors are heated to remove ice, mist and fog. They will switch off automatically after a short period of time.

Seats

SITTING IN THE CORRECT POSITION

WARNINGS

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

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

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

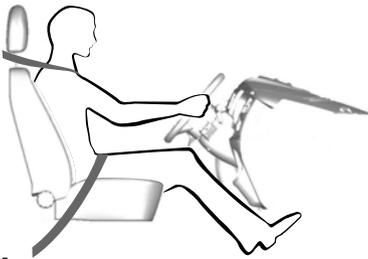
- Adjust the head restraint so that the top of it is level with the top of your head and as far forward as possible. Make sure that you remain comfortable.
- Keep sufficient distance between yourself and the steering wheel. We recommend a minimum of 10 inches (25 centimeters) between your breastbone and the airbag 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

WARNING

 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.



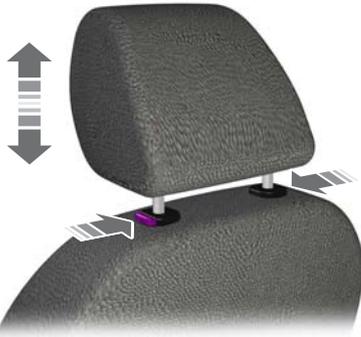
E68595

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

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 seat backrest more than 30 degrees.

Seats



E66539

Adjusting the Head Restraint

WARNING



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

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

Removing the Head Restraint

Press the locking buttons and remove the head restraint.

MANUAL SEATS

WARNINGS



Do not adjust the driver seat when your vehicle is moving.



Make sure the driver seat fully locks into place by rocking it backward and forward.

Moving the Seat Backward and Forward



E130249

Note: The driver seat has removable stop bolts on the track to enable access to the vehicle battery. See **Changing the 12V Battery** (page 145).

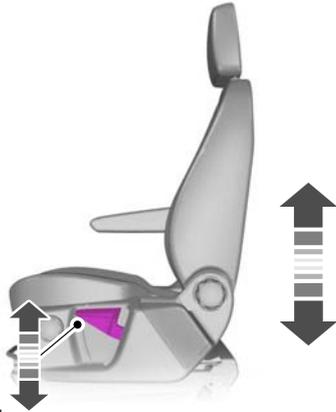
Adjusting the Lumbar Support



E146386

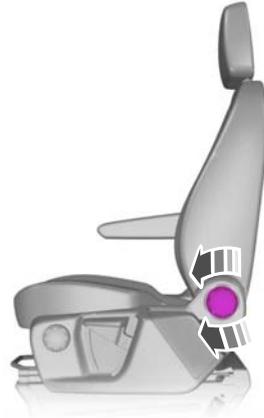
Seats

Adjusting the Height of the Driver Seat



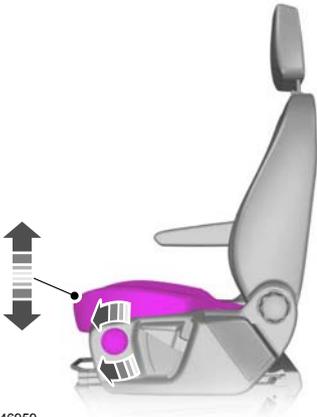
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Recline Adjustment



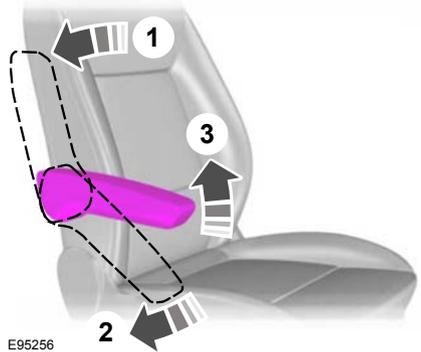
E146385

Seat Cushion Adjustment



E146959

Adjusting the Armrest



E95256

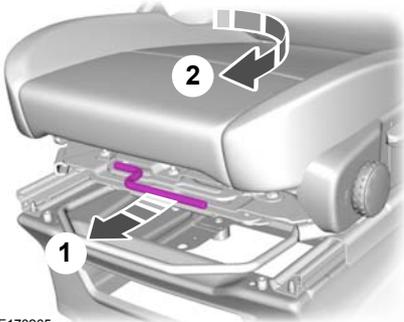
Swivel Seat

WARNING



Make sure the seat locks into place and is facing forward when your vehicle is moving.

Seats



E170265

The seat can swivel through 180 degrees in an inboard direction. You may need to adjust the seat to allow sufficient clearance for it to swivel in a single motion.

Note: We recommend the seat is unoccupied.

REAR SEATS

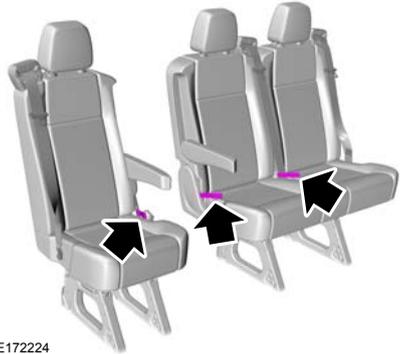
WARNING



Do not use the bench seats as a bed when your vehicle is moving.

Note: Rear seat arrangements vary depending on the vehicle.

Recline Adjustment



E172224

With the seat occupied, pull the lever or strap to recline or raise the seatback.

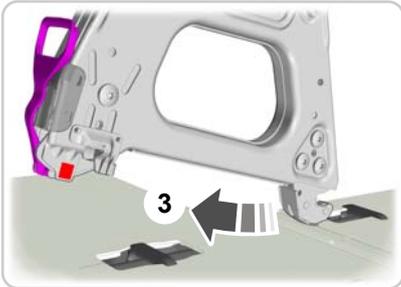
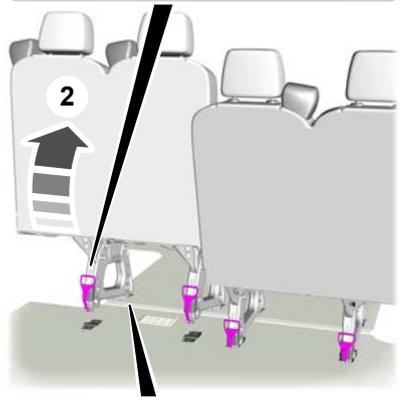
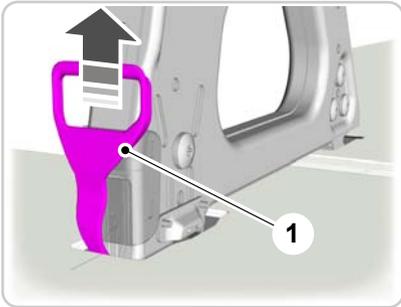
Removing the Seats - M2 Bus

WARNING



Seats can weigh up to 60 kg. Do not attempt to lift or carry a seat on your own.

Seats



E173870

1. Pull the release handles up.
2. Tilt the seat forward to release the seat frame rear catches.

3. Pull the seat backward to release the seat frame front catches.
4. Remove the seat.

Note: You can only remove the final row dual seats.

Note: The seat back does not fold forward.

Installing the Seats

WARNINGS



Make sure that the floor catches are free from foreign material before installing the seats.



Make sure that you securely fasten the seat catches when installing.

1. Align the seat frame front catches.
2. Push the seat forward to engage the seat frame front catches.
3. Align the seat frame rear catches.

Note: Allow the seat to drop under its own weight for the last 15–20 cm.

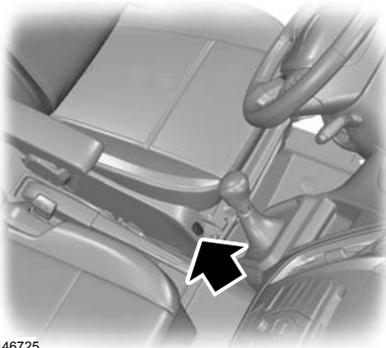
HEATED SEATS

WARNING



People who are unable to feel pain to their skin because of advanced age, chronic illness, diabetes, spinal cord injury, medication, alcohol use, exhaustion or other physical conditions, must exercise care when using the heated seat. The heated seat may cause burns even at low temperatures, especially if used for long periods of time. Do not place anything on the seat that insulates against heat, such as a blanket or cushion. This may cause the heated seat to overheat. Do not puncture the seat with pins, needles or other pointed objects. This may damage the heating element which may cause the heated seat to overheat. An overheated seat may cause serious personal injury.

Seats



E146725

Do not do the following:

- Place heavy objects on the seat.
- Operate the heated seat if water or any other liquid is spilled on the seat. Allow the seat to dry thoroughly.
- Operate the heated seats unless the engine is running. This prevents the vehicle battery from running out of charge.



E151818

Note: Only the outboard seat on a dual passenger seat is heated.

The maximum temperature is reached after five or six minutes. It is regulated thermostatically.

The heated seat will remain on until you switch it off. If the heated seat is on when you switch the ignition off, it will be on when you switch the ignition back on.

Auxiliary Power Points

WARNINGS



Do not use the power points for operating a cigar lighter element.



Do not insert objects other than an accessory plug into the power points.

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

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

Note: Do not hang any accessory from the accessory plug.

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

Note: Incorrect use of the power points can cause damage not covered by the vehicle warranty.

To prevent the battery from running out of charge:

- Do not use the power points for 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.

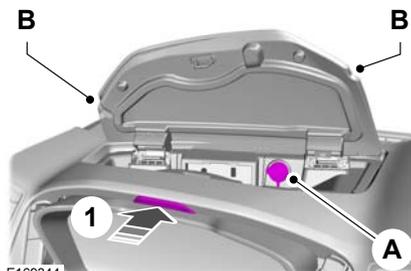
Note: The power points will turn off after 30 minutes if the ignition is switched on and the engine is not running.

Auxiliary Power Point Locations

WARNING



You must close the instrument panel storage compartment lid before driving your vehicle.



1. Press the button to open the instrument panel storage compartment lid.
 - A. Auxiliary power point.
 - B. Device cable outlet recesses.

Auxiliary Power Points may be found:

- Inside the instrument panel storage compartment.
- Inside the floor console storage compartment.
- Inside the cargo area.

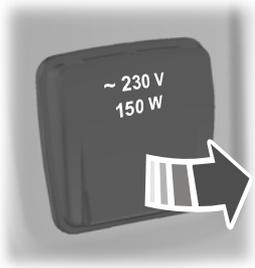
AC Power Point

WARNING



Do not use any extension cord with the AC power point, since it will defeat the safety protection design provided by the cap and twist tab. Doing so may cause the power point to overload due to powering multiple devices that can reach beyond the 150 watt load limit and could result in fire or personal injury.

Auxiliary Power Points



E98199

The AC power point is used for powering electrical devices that require up to 150 watts. It is located under the parking brake lever.

Note: *Do not keep electrical devices or adaptors plugged in to the AC power point when not in use.*

When the green indicator light located on the AC power point is:

- On — AC power point is ready to supply power.
- Off — AC power point is not ready to supply power; ignition is not switched on.
- Flashing — AC power point is in fault mode.

If the 150 watts limit is exceeded the AC power point will be temporarily turned off.

The indicator light will flash if the power point detects overloading, overheating, or shorting conditions. For overloaded or shorted conditions unplug your device and switch the ignition off then back on. For an overheated condition let the system cool down and switch the ignition off then back on.

The AC power point is not suitable for use with all electrical devices, for example:

- Tube type televisions.
- Vacuum cleaners.
- Power tools.

- Compressor-driven refrigerators.
- Medical or measuring equipment that must process precise data.
- Appliances requiring an extremely stable power supply, for example:
 - Microcomputer-controlled electric blankets.
 - Touch sensor lamps.

Storage Compartments

CUP HOLDERS

WARNINGS

-  Do not place hot drinks in the cup holders when your vehicle is moving.
-  Make sure that cups placed in the holders do not obstruct your vision while driving.



E169073

OVERHEAD CONSOLE

Overhead Storage Compartments

Overhead Console

WARNING

-  Do not place heavy objects in the overhead console. Heavy objects may become projectiles in a crash or sudden stop and may increase the risk of serious injury.



E169074

BOTTLE HOLDER

WARNING

-  Do not place glass objects in the bottle holder.



E171160

Parcel Shelf

WARNINGS

-  Do not place heavy objects on the parcel shelf.
-  The maximum permitted evenly distributed loading is 44 pounds (20 kilograms).

Storage Compartments

UNDER SEAT STORAGE

Under Seat Storage Compartment



E154714

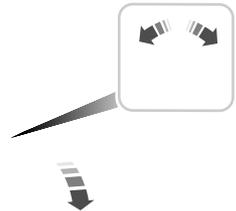
1. Lift the front of the passenger seat cushion.
2. Pull the seat cushion forward.
3. Tilt the seat cushion forward.

Note: *If your vehicle has rear air conditioning, it may not have under seat storage below the outer seat.*

Under Seat Storage Guard

E172223

FRONT DOOR STORAGE COMPARTMENT



E169150

Turn the retaining clips counterclockwise to open the storage compartment.

Starting and Stopping the Engine

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 position **I** or **II** (without the engine running) for too long to avoid 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.

STEERING WHEEL LOCK

WARNING



Always check that the steering is unlocked before attempting to move your vehicle.

To lock the steering wheel:

1. Remove the key from the ignition switch.
2. Rotate the steering wheel slightly to engage the lock.

Starting and Stopping the Engine

To unlock the steering wheel:

1. Insert the key in the ignition switch.
2. Turn the key to position **I**.

Note: You may need to rotate the steering wheel slightly to assist unlocking if there is a steering wheel load applied.

STARTING A DIESEL ENGINE

Cold or Hot Engine

Note: When the temperature is below -15°C , you may need to crank the engine for up to 10 seconds.

Note: You can only operate the starter for a limited period of time.

Note: After a limited number of attempts to start your engine, the system will not allow you to try again until a period of time has elapsed, for example 30 minutes.



Switch the ignition on and wait until the glow plug indicator goes off.

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.

Failure to Start

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.

DIESEL PARTICULATE FILTER

The filter forms part of the emissions reduction system on your vehicle. It filters harmful diesel particulates (soot) from the exhaust gas.

Regeneration

WARNING



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

Note: Avoid running out of fuel.

Note: During regeneration at low speed or engine idle, you may smell a hot metallic odor and could notice a clicking metallic sound. This is due to the high temperatures reached during regeneration and is normal.

Note: Changes in the engine or exhaust sound may be heard during the regeneration process.

Note: After you have switched your engine off the fans may continue to run for a short period of time.

The diesel particulate filter on your vehicle requires periodic regeneration to maintain its correct function. Your vehicle will carry out this process automatically.

If your journeys meet one of the following conditions:

- You drive only short distances.
- You frequently switch the ignition on and off.
- Your journeys contain a high level of acceleration and deceleration.

Starting and Stopping the Engine

You must carry out occasional trips with the following conditions to assist the regeneration process:

- Drive your vehicle in more favorable conditions, which you will find at higher vehicle speeds in normal driving, on a main road or freeway for a minimum of 20 minutes. This drive may include short stops that will not affect the regeneration process.
- Avoid prolonged idling and always observe speed limits and road conditions.
- Do not switch the ignition off.
- Select a suitable gear to ideally maintain engine speed between 1500 and 3000 RPM.

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.

Unique Driving Characteristics

AUTO-START-STOP

Using Auto-Start-Stop

WARNINGS



The engine may restart automatically if required by the system. It will only automatically restart when one of the pedals is pressed. If no pedal is pressed, the Auto-Start-Stop indicator will flash and a message will appear in the information display.



Switch the ignition off before opening the hood or carrying out any maintenance.



Always switch the ignition off before leaving your vehicle, as the system may have shut down the engine but the ignition will still be live.



The system may not function if you leave extra loads connected with the ignition off.

The system helps reduce fuel consumption and CO2 emissions by shutting down the engine when your vehicle is idling, for example at traffic lights. The engine will restart when you press the clutch pedal or when required by a vehicle system, for example to prevent the vehicle battery from running out of charge.

To obtain maximum benefit from the system, move the transmission selector lever to neutral and release the clutch pedal during any stop of longer than three seconds.

Note: For vehicles with Auto-Start-Stop the battery requirement is different. You must replace the vehicle battery with one of exactly the same specification.

Note: The system only operates when the engine is warm and the outside temperature is within the system operating range.

Note: If you stall the engine and then depress the clutch pedal within five seconds, the system will automatically restart the engine.

Note: The Auto-Start-Stop indicator will illuminate green when the engine shuts down. See **Warning Lamps and Indicators** (page 56).

Note: When you switch the system off, the switch will illuminate.

Note: On vehicles with Eco system the Auto-Start-Stop system will be turned on in conjunction with the speed limiter. See **Eco Mode** (page 115). See **Speed Limiter** (page 112).

Switching the System Off and On



E170571

The system automatically turns on every time you switch the ignition on. To switch the system off, press the button in the instrument panel. The system turns off for the current ignition cycle only. To turn it on, press the button again. See **At a Glance** (page 10).

Note: If the system detects a malfunction, it will turn off. The **OFF** lamp on the **Auto-Start-Stop** switch will illuminate continuously. If this remains on after an ignition cycle, have your vehicle checked by an authorized dealer.

To Stop the Engine

1. Stop your vehicle.
2. Move the transmission selector lever to neutral.

Unique Driving Characteristics

3. Release the clutch pedal.
4. Release the accelerator pedal.

The system may not shut down the engine under certain conditions, for example:

- To prevent the vehicle battery from running out of charge.
- The outside temperature is not within the system operating range.
- The driver door has been opened.
- Low engine operating temperature.
- The heated windshield is switched on.
- During regeneration of the Diesel Particulate Filter.

To Restart the Engine

Depress the clutch pedal.

Note: *The transmission selector lever must be in neutral. If the transmission selector lever is not in neutral, the Auto-Start-Stop indicator will flash and a message will appear in the information display.*

The system may request an engine restart under certain conditions, for example:

- To prevent the vehicle battery from running out of charge.
- The heated windshield is switched on.
- Your vehicle has started moving, for example rolling forward or backward.

ECO System (If Equipped)

The system comprises of Auto-Start-Stop and a speed limiter. Together they help further reduce fuel consumption and CO₂ emissions by shutting down the engine when your vehicle is idling, and limiting vehicle top speed to 70 mph (110 km/h). See **Eco Mode** (page 115). See **Speed Limiter** (page 112).

Switching the System Off and On



E145447

The system automatically turns on every time you switch the ignition on. To switch the system off, press the button in the instrument panel. The system turns off for the current ignition cycle only. To turn it on, press the button again. See **At a Glance** (page 10).

Note: *If the system detects a malfunction, it will turn off. The **OFF** lamp on the **ECO** switch will illuminate continuously. If this remains on after an ignition cycle, have your vehicle checked by an authorized dealer.*

Fuel and Refueling

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.



Flow of fuel through a fuel pump nozzle can produce static electricity. This can cause a fire if you are filling 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 and Refueling

FUEL QUALITY

WARNINGS



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



Do not add kerosene, paraffin or gasoline to diesel. This could cause damage to the fuel system.



Use diesel that meets the specification defined by EN 590 or the relevant national specification.

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.

Note: We do not recommend the use of additional additives to prevent fuel waxing.

Long-Term Storage

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

Diesel-Winter Driving

Diesel fuel purchased in the city and coastal regions often has different cold temperature properties than diesel sold in Alpine regions. Wax may form in the fuel lines in the vehicles left outside in below zero temperature for a longer time. This means that the vehicle will not start or run correctly until the wax has melted. To avoid this problem, if a prolonged or overnight stay is planned in an alpine region then it is strongly recommended that the vehicle carry enough fuel to get to the Alpine region and is then refuelled locally so that at least 50% of the fuel

volume is Alpine mix diesel. At the time of publication, Alpine mix diesel is available at the following BP service stations:

Victoria Bright, Corryong and Mansfield
NSW Jindabyne, Thredbo, Tumut, Talbingo, Adaminaby and Cooma. Please confirm current availability at the time of your trip.

RUNNING OUT OF FUEL

Avoid running out of fuel, this can cause damage not covered by the vehicle warranty.

If your vehicle has run out of fuel:

- Normally, adding five liters of fuel is enough to restart the engine. If your vehicle is on a steep grade, more fuel may be required.
- 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.

Filling a Portable Fuel Container

Use the following guidelines to avoid electrostatic charge build-up when filling an ungrounded fuel container:

- Only use an approved fuel container to transfer fuel to your vehicle. Place the container on the ground when filling.
- Do not fill a fuel container while it is inside your vehicle (including the cargo area).
- Keep the fuel pump nozzle in contact with the fuel container while filling.
- Do not use a device that holds the fuel pump nozzle lever in the fill position.

Fuel and Refueling

Adding Fuel From a Portable Fuel Container

WARNINGS

 Do not insert the nozzle of a fuel container or an aftermarket funnel into the fuel system filler neck. This may damage the fuel system filler neck or its seal and cause fuel to run onto the ground.

 Do not pry or push open a capless fuel system. This may damage the fuel system or its seal and cause fuel to run onto the ground.

 Do not dispose of fuel in the household refuse or the public sewage system. Use an authorized waste disposal facility.

When refueling the vehicle fuel tank from a fuel container, use the plastic funnel included with your vehicle.

Note: *The specifically designed plastic funnel included with your vehicle will work safely with the fuel system.*



E156223

1. The plastic funnel is located in the glove box.
2. Open the fuel filler door fully until it engages and remove the fuel filler cap.

Note: *Capless fuel systems do not have a fuel filler cap.*

3. Insert the plastic funnel into the filler neck.
4. Add fuel to your vehicle from the fuel container.
5. Remove the plastic funnel from the filler neck.
6. Replace the fuel filler cap and close the fuel filler door.
7. Clean the plastic funnel and place it back in your vehicle or correctly dispose of it. Extra plastic funnels can be purchased from an authorized dealer if you choose to dispose of it.

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.

Fuel and Refueling

WARNINGS



Do not push-start or tow-start your vehicle. Use booster cables. See **Jump Starting the Vehicle** (page 126).



Do not switch the ignition off when driving.

SELECTIVE CATALYTIC REDUCTION SYSTEM

WARNING



The engine may not start if you tamper with or disable the selective catalytic reduction system.

Your vehicle has a selective catalytic reduction system to help reduce exhaust emission levels by injecting diesel exhaust fluid into the exhaust system.

Diesel Exhaust Fluid Level

For the system to operate correctly, you must maintain the diesel exhaust fluid level.



A warning lamp will illuminate and a message will appear in the information display when the diesel exhaust fluid level is low and needs to be refilled. See **Information Displays** (page 61).

Note: If the warning lamp illuminates when your vehicle is moving, and the diesel exhaust fluid is at a sufficient level, this indicates a system malfunction. Have your vehicle checked by an authorized dealer as soon as possible.

Filling the Diesel Exhaust Fluid Tank

WARNINGS



Do not allow diesel exhaust fluid to come into contact with eyes, skin or clothing. Should the fluid come into contact with eyes, flush them with plenty of water and seek medical attention. Clean affected skin with soap and water. If swallowed, drink plenty of water and seek medical attention immediately.



Refill the diesel exhaust fluid tank in a well-ventilated area. When removing the tank cap or a diesel exhaust fluid container cap, ammonia vapor may escape. Ammonia vapor is an irritant to the eyes, skin and mucous membranes. Inhaling ammonia vapor can cause burning to the eyes, throat and nose resulting in watering eyes or severe coughing.



Do not put diesel exhaust fluid in the fuel tank. This can cause engine damage not covered by the vehicle warranty.



E172245

Fuel and Refueling

The diesel exhaust fluid tank filler neck is located next to the fuel filler neck and has a blue cap. Fill the tank using a fluid pump at a diesel exhaust fluid filling station or a diesel exhaust fluid container. The capacity of the diesel exhaust fluid tank is 21 liters.

Note: *You must open the fuel filler door before you can open the diesel exhaust fluid filler door.*

Note: *Immediately wash off any diesel exhaust fluid that has spilled on to a painted surface with soapy water.*

Filling the Diesel Exhaust Fluid Tank Using a Fuel Station Pump

Filling the diesel exhaust fluid tank using a pump is similar to a refuelling your vehicle. The diesel exhaust fluid pump nozzle will shut off automatically when the tank is full.

Note: *Some filling stations utilize a magnetic mechanism in the pump nozzle that may prevent refilling the diesel exhaust fluid tank. To overcome this issue you will need to locate another filling station or use a refill container.*

Filling the Diesel Exhaust Fluid Tank Using a Container

The following procedure applies to Motorcraft diesel exhaust fluid or similar fluid containers. Always follow the manufacturer's instructions.

1. Remove the diesel exhaust fluid container cap. Place the spout on to the container and tighten it until you feel a strong resistance.
2. Remove the diesel exhaust fluid tank filler cap.
3. Insert the spout in to the filler neck until the seal on the spout seats on to the filler neck. Pour the fluid in to the tank. When the tank is full the fluid will stop flowing automatically.

4. Return the container to the vertical position slightly below the diesel exhaust fluid filler neck. Allow any fluid remaining in the spout to drain back in to the container.
5. Remove the spout from the diesel exhaust fluid filler neck. Replace the diesel exhaust fluid tank cap.
6. Remove the spout from the diesel exhaust fluid container and replace the cap.

Note: *If there is diesel exhaust fluid left in the container retain it for later use. The spout is re-useable. Wash the spout with clean water prior to storage. Do not use the diesel exhaust fluid spout with any other fluid.*

Filling the Diesel Exhaust Fluid Tank in Cold Climates

Diesel exhaust fluid may freeze if the ambient temperature is below -11°C . Your vehicle has a preheating system which allows diesel exhaust fluid to operate below -11°C . If you do not use your vehicle for an extended period when the ambient temperature is below -11°C , the fluid in the tank may freeze. If the tank is overfilled and the fluid freezes it may damage the tank. This is not covered by the vehicle warranty.

Inoperative Selective Catalytic Reduction System, Poor Quality or Contaminated Diesel Exhaust Fluid



If the system becomes contaminated or inoperative, the diesel exhaust fluid warning lamp will illuminate and a message will appear in the information display. See **Information Displays** (page 61).

Note: *To service a contaminated or inoperative system, see an authorized dealer.*

Fuel and Refueling

Diesel Exhaust Fluid Guidelines

- Do not put diesel exhaust fluid in the vehicle fuel tank.
- Do not overfill the diesel exhaust fluid tank.
- Do not dilute diesel exhaust fluid with water or any other liquid.
- Do not re-use a diesel exhaust fluid container.
- Do not store in direct sunlight.
- Store at temperatures between -5°C and 20°C.
- Do not store a diesel exhaust fluid container in your vehicle.
- Diesel exhaust fluid is non-flammable, non-toxic, colorless and water-soluble.

REFUELING

WARNINGS

 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.

 Wait at least 10 seconds before removing the fuel pump nozzle from the filler neck to allow any residual fuel to drain into the fuel tank.

 Stop refueling after the fuel pump nozzle automatically shuts off for the second time. Additional fuel will fill the expansion space in the fuel tank which could lead to fuel overflowing.

 Do not remove the fuel pump nozzle from its fully inserted position in the filler neck during the entire refueling process.

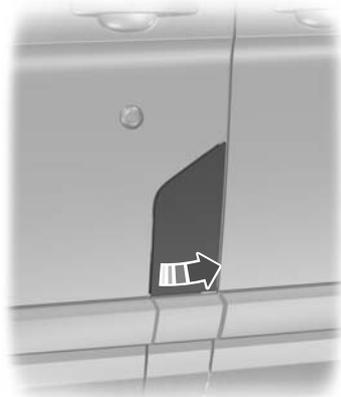
WARNINGS



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

Do not attempt to start the engine if you have refueled the fuel tank with the incorrect fuel. This can cause damage not covered by the vehicle warranty. Have your vehicle checked by an authorized dealer immediately.

If you use a high pressure spray to wash your vehicle, only spray the fuel filler door briefly from a distance not less than 200 mm.



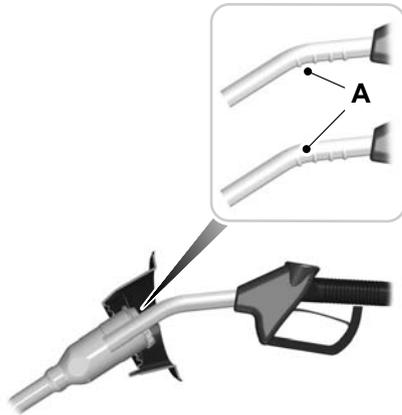
E144358

Note: Capless fuel systems do not have a fuel filler cap.

Note: Your vehicle must be unlocked, with the door open before opening and closing the fuel filler door.

1. Open the fuel filler door fully until it engages and remove the fuel filler cap.

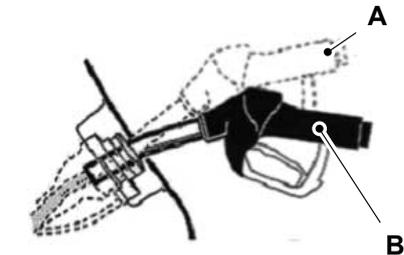
Fuel and Refueling



E139202

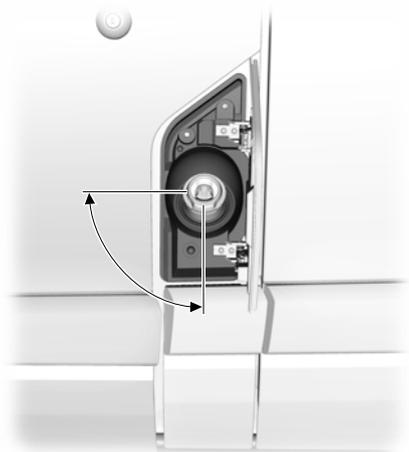
Note: When you insert the correct size fuel pump nozzle into a capless fuel system, a spring loaded inhibitor will open. This helps to avoid refueling with the incorrect fuel.

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



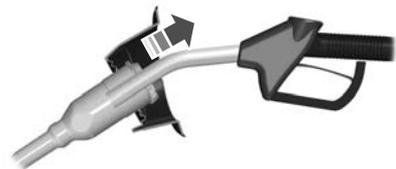
E139203

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



E162792

4. Operate the fuel pump nozzle within the area shown.



E119081

5. Slightly raise the fuel pump nozzle and remove it slowly.
6. Replace the fuel filler cap and close the fuel filler door.

Note: Capless fuel systems do not have a fuel filler cap.

FUEL CONSUMPTION

We derive CO₂ and fuel consumption figures in laboratory tests according to Regulation (EC) 715/2007 or CR (EC) 692/2008 and subsequent amendments.

Fuel and Refueling

They are intended as a comparison between makes and models of vehicles. They are not intended to represent the real world fuel consumption you may get from your vehicle.

Real world fuel consumption is governed by many factors, for example driving style, high speed driving, stop-start driving, air conditioning usage, the accessories fitted, payload and towing.

The advertised capacity is the indicated capacity and the empty reserve combined. Indicated capacity is the difference in the amount of fuel in the fuel tank and when the fuel gauge indicates empty. Empty reserve is the amount of fuel in the fuel tank after the fuel gauge indicates empty.

Note: *The amount of fuel in the empty reserve varies and should not be relied upon to increase driving range. When refueling your vehicle after the fuel gauge indicates empty, you might not be able to refuel the full amount of the advertised capacity due to the empty reserve still present in the fuel tank.*

Filling the Fuel Tank

For consistent results when refueling:

- Switch the ignition off.
- Allow no more than two automatic shut-offs when refueling.

Results are most accurate when the refueling method is consistent.

Calculating Fuel Economy

Do not measure fuel economy during the first 1,600 km of driving (this is the engine break-in period). A more accurate measurement is obtained after 4,000 km. Also, fuel expense, frequency of fill ups or fuel gauge readings are not accurate ways to measure fuel economy.

1. Fill the fuel tank completely and record the initial odometer reading.

2. Each time you fill the fuel tank, record the amount of fuel added.
3. After at least three fill ups, fill the fuel tank and record the current odometer reading.
4. Subtract your initial odometer reading from the current odometer reading.
5. Calculate fuel economy by dividing miles traveled by gallons used (For Metric: Multiply liters used by 100, then divide by kilometers traveled).

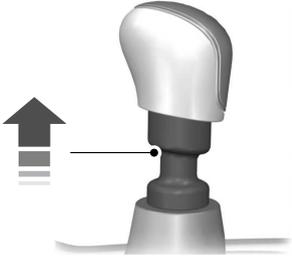
Keep a record for at least one month and record the type of driving (city or freeway). This provides an accurate estimate of your vehicle's fuel economy under current driving conditions. Additionally, keeping records during summer and winter show how temperature impacts fuel economy. In general, your vehicle will use more fuel in cold temperatures.

Transmission

MANUAL TRANSMISSION

Selecting Reverse Gear

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



E99067

Raise the collar when you select reverse gear.

Brakes

GENERAL INFORMATION

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: *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 your 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.*

Note: *Depending upon certain laws and regulations, the brake lamps may flash during heavy braking. Following this your hazard warning flashers may also flash when your vehicle comes to a stop.*

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.

Brake Assist

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. 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.

Brakes

PARKING BRAKE

Center Parking Brake



E172225

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

Note: If you park your vehicle facing uphill turn the steering wheel away from the curb.

Note: If you park your vehicle facing downhill turn the steering wheel toward the curb.

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

Outboard Parking Brake (If Equipped)



E172222

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 foot brake pedal firmly.
2. Pull the parking brake lever up to its fullest extent.
3. Press the release button and push the parking brake lever down.

Note: If you park your vehicle facing uphill turn the steering wheel away from the curb.

Note: If you park your vehicle facing downhill turn the steering wheel toward the curb.

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

Brakes

Note: When applied, the parking brake lever will return to the completely down position and a warning lamp will illuminate.

HILL START ASSIST

WARNINGS



The system does not replace the parking brake. When you leave your vehicle, always apply the parking brake. Failure to leave your vehicle securely parked may lead to a crash or injury. See **Parking Brake** (page 102).



You must remain in your vehicle when the system turns on. At all times, you are responsible for controlling your vehicle, supervising the system and intervening, if required. Failure to take care may result in the loss of control of your vehicle, serious personal injury or death.



The system will turn off if a malfunction is apparent or if you rev the engine excessively. Failure to take care may result in the loss of control of your vehicle, serious personal injury or death.

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 time to move your foot from the brake to the accelerator pedal. The system releases the brakes 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.

Note: The system will only function when you bring your vehicle to a complete standstill. Shift the gearshift lever to reverse (R) when facing downhill and first gear (1) when facing uphill.

Note: The system will not operate if the gearshift lever is in neutral or the parking brake is applied.

Note: There is no warning light to indicate the system is either on or off.

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 activate automatically.
3. When you remove your foot from the brake pedal, your vehicle will remain on the slope without rolling away for approximately two to 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 system will release the brakes automatically.

Note: When you remove your foot from the brake pedal and press the pedal again when the system is active, you will experience significantly reduced brake pedal travel. This is normal.

Switching the System On and Off

When you switch the ignition on, the system automatically turns on.

You can switch the system on or off in the information display. See **General Information** (page 61).

The system remains off until you switch the ignition off.

Traction Control

PRINCIPLE OF OPERATION

The traction control system helps avoid drive wheel spin and loss of traction.

If your vehicle begins to slide, the system applies the brakes to individual wheels and, when needed, reduces engine power at the same time. If the wheels spin when accelerating on slippery or loose surfaces, the system reduces engine power in order to increase traction.

USING TRACTION CONTROL

The system automatically turns on each time you switch the ignition on.

Note: *In some situations for example if your vehicle is stuck in snow or mud, turning the system off may be beneficial as this allows the wheels to spin with full engine power.*

Switching the System Off and On Using the Information Display Controls

Your vehicle comes with this feature already enabled. If required, you can switch this feature off using the information display controls. See **General Information** (page 61).

Stability control will remain on even when you have switched the traction control off.

Switching the System Off and On Using the Button (If Equipped)

The button is located in the instrument panel.

Press the button. You will see a message in conjunction with an illuminated icon in the display. Press the button again to return the system to normal mode.

Stability control will remain on even when you have switched the traction control off.

Stability Control

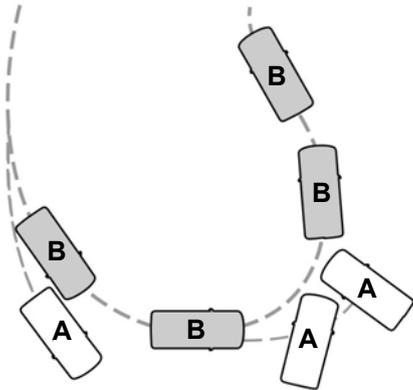
PRINCIPLE OF OPERATION

Electronic Stability Program

WARNING



The system does not relieve you of your responsibility to drive with due care and attention. Failure to do so could result in loss of vehicle control, personal injury or death.



E72903

- A Without ESP
- B With ESP

The system supports stability when your vehicle starts to slide away from your intended path. The system performs this by braking individual wheels and reducing engine torque as required.

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 56).

USING STABILITY CONTROL

The system automatically turns on each time you switch the ignition on.

Switching the System Off and On Using the Information Display Controls

Your vehicle comes with this feature already enabled. If required, you can switch this feature off using the information display. See **General Information** (page 61).

Stability control will remain on even when you have switched the traction control off.

Switching the System Off Using a Switch (If Equipped)

The switch is located in the instrument panel.

Press the switch. You will see a message in conjunction with an illuminated icon in the display. Press the switch again to return the system to normal mode.

Stability control will remain on even when you have switched the traction control off.

Parking Aids

PRINCIPLE OF OPERATION

WARNINGS



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



If your vehicle 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: *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



The parking aid system can only assist you to detect objects when your vehicle is moving at parking speeds. To help avoid personal injury you must take care when using the parking aid system.



Traffic control systems, inclement weather, air brakes, external motors and fans may affect the correct operation of the sensing system. This may cause reduced performance or false alerts.



The system may not detect small or moving objects, particularly those close to the ground.

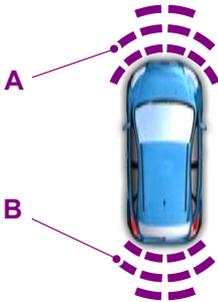
The system warns you of objects that are within the detection zone of the bumper areas. When you switch the ignition on, the system automatically turns on. The system becomes active when you shift into reverse (R) and the speed of your vehicle is 16 km/h or less.

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.*

Parking Aids



E174857

- A Front detection zone: Up to 31 in (80 cm) directly in front of the front bumper, and approximately 6–14 in (15–35 cm) to the side of the front bumper.
- B Rear detection zone: Up to 72 in (183 cm) from the rear bumper.

Note: Accessories that block the detection zone of the system may create false alerts.

Note: Keep the sensors free from snow, ice and large accumulations of dirt.

Note: If your vehicle sustains damage leaving the sensors misaligned, this will cause inaccurate measurements or false alerts.

A tone will sound in the following manner when objects are near the front or rear bumpers:

- Objects detected by the front sensors produce a high-pitched tone from the front speakers.
- Objects detected by the rear sensors produce a low-pitched tone from the rear speakers.

- The system reports the object that is closest to the front or rear of your vehicle. For example, if an object is 60 cm from the front of your vehicle and at the same time, an object is only 40 cm from the rear of your vehicle, a lower-pitched tone sounds from the rear speakers.
- An alternating tone sounds from the front and rear speakers if there are objects that are closer than 25 cm from the front and rear of your vehicle.
- An alert will only sound for three seconds if an object is further than 25 cm from the side of your vehicle.

Note: The rate of the tone increases as your vehicle moves closer to an object.

When the parking aid system sounds a tone, the audio system may reduce the set volume. When the warning ends, the audio system returns to the previously set volume.

Note: Volume reduction is not a standard feature of all audio systems.

The system detects objects when you shift into reverse (R) and:

- Your vehicle is moving toward a stationary object at a speed of 5 km/h or less.
- Your vehicle is stationary but an object is approaching your vehicle at a speed of 5 km/h or less.
- Your vehicle is moving at a speed of 5 km/h or less, and an object is approaching your vehicle at a speed of 5 km/h or less.

Parking Aids

Switching the Parking Aid System Off



E170949

Press the button to switch the system off. The system remains off until you switch the ignition off.

REAR VIEW CAMERA

WARNINGS

 Objects in the display are closer than they appear.

 The operation of the camera may vary depending on the ambient temperature, vehicle and road conditions.

 Do not place objects in front of the camera.

 The camera may not detect objects that are very close to your vehicle.



E170301

The camera is on the rear cargo door.

Switching the Rear View Camera On

Switch the ignition on and shift into reverse (R). The image will display in the interior mirror or in the information and entertainment display.

The camera may not operate correctly in any of the following conditions:

- Dark areas.
- Intense light areas.
- If there is a sudden change to the ambient temperature.
- If the camera is wet.
- If the camera is dirty.
- If the camera is obstructed.

Using the Display

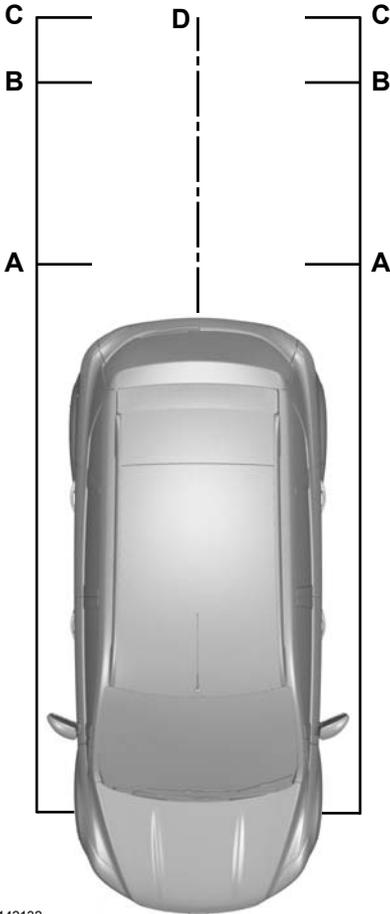
WARNING

 Objects above the camera may not be visible. Check the area behind your vehicle when necessary.

The lines show a projected vehicle path and the approximate distance from the rear bumper to an object.

Distance markers are only a guide and are calculated for unloaded vehicles on an even road surface.

Parking Aids



E142132

- A Red - up to 12 inches (0.3 meter).
- B Amber - 12 inches to 24 inches (0.3 meter to 0.6 meter).

- C Green - 24 inches to 35 inches (0.6 meter to 0.9 meter).
- D Black - center line of the projected vehicle path.

Note: The green line is extended from 0.9 m up to a distance of 3.2 m.

Note: When reversing with a trailer the camera will show the direction of your vehicle and not the direction of the trailer.

Note: When reversing with a trailer the screen does not display the lines.

Switching the Rear View Camera Off

Move the gearshift lever from reverse (R).

Note: The system will automatically switch once your vehicle speed has reached approximately 8 km/h or after a short period of time.

Vehicles with Parking Aid

The display will show a colored distance bar. This indicates the approximate distance from the rear bumper to an object.

These are color coded as follows:

- Red - up to 0.3 m.
- Amber - 0.3 m to 0.6 m.
- Green - 0.6 m to 1.8 m.

Cruise Control

PRINCIPLE OF OPERATION

WARNING



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

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 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.

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



E142437

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

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

Cruise Control

Resuming the Set Speed

Pull **RES** toward you and release.

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.

Driving Aids

SPEED LIMITER

Engine Speed Limiter

Engine speed is limited to protect the engine.

Vehicle Speed Limiter - Fixed

The system prevents you from driving faster than a programmed speed. See the label on the driver sun visor for further information.

Vehicles with a Diesel Engine

You can have the maximum speed of your vehicle limited to a predefined value, providing it is within legal limits. See an authorized dealer for further information.

Vehicles with Start-Stop

When start-stop is switched on your vehicle speed is limited to 70 mph (110 km/h).

Note: *If your vehicle has a fixed speed limit lower than 70 mph (110 km/h), this will override the switchable speed limiter associated with start-stop.*



E145447

The system automatically turns on every time you switch the ignition on. To turn this speed limit off, press the **ECO** switch. The system will only turn off for the current ignition cycle. To turn it on, press the switch again. For item location:

Vehicle Speed Limiter - Adjustable

WARNING



When you are going downhill, your vehicle speed may increase above the set speed. The system will not apply the brakes but a warning is given.

The system allows you to set a speed, to which your vehicle is then limited. The set speed will become the effective maximum speed of your vehicle, but with the option to temporarily exceed this limit if required.

Note: *You can exceed the set speed limit if required. For example, when overtaking.*



E133198

- A Set speed increase
- B Speed limiter on and off
- C Set speed decrease
- D Speed limiter cancel and resume

Switching the System On and Off

Press switch B. The information display will prompt you to set a speed.

Driving Aids

Setting the Speed Limit

Press switch A or switch C to select your desired speed limit. The speed is stored as a set speed and displayed in the information display.

Pull switch D to cancel the limiter and place it in standby mode. The information display will confirm the system is off.

Pull switch D again to resume the limiter. The information display will confirm the system is on.

Intentionally Exceeding the Set Speed Limit

Depress the accelerator fully to temporarily turn the system off. The system will turn on once your vehicle speed drops below the set speed.

System Warnings

If you accidentally exceed the set speed, it will flash in the information display and you will hear an audible tone.

If you exceed the set limit intentionally, the information display will show the set speed and it will flash.

DRIVER ALERT

Principle of Operation

WARNINGS



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



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



If the sensor becomes blocked the system may not function.

WARNINGS



Take regular rest breaks as required and do not wait for the system to warn you if you feel tired.



Take rest breaks only where it is safe to do so.



Certain driving styles and behavior may result in the system issuing a warning even if you are not feeling tired.



In cold and severe weather conditions the system may not function. Rain, snow, spray and large contrasts in lighting can all influence the sensor.



The system will not operate if the sensor cannot track the road lane markings.



The system may not operate in areas during roadwork construction.



The system may not operate on roads with sharp bends or narrow lanes.



Do not carry out windshield repairs in the immediate area surrounding the sensor.



If your vehicle has a suspension kit not approved by us, the system may not function correctly.

Note: Keep the windshield free from obstructions such as bird droppings, insects and snow or ice.

Note: The system assists you when driving on fast main roads and freeways.

Note: The system calculates an alertness level at vehicle speeds above approximately 40 mph (65 km/h).

The system automatically monitors your driving behavior.

Driving Aids

The system is designed to alert you if it detects that you are becoming drowsy or if your driving deteriorates.

Using Driver Alert

Switching the System On and Off

Note: The system will remain on or off depending on how it was last set.

Switch the system on using the information display. See **Information Displays** (page 61).

The system will calculate your alertness level based upon your driving behavior in relation to the lane markings and other factors.

System Warnings

Note: The system will not issue warnings below approximately 40 mph (65 km/h).

The warning system has two stages:

1. A temporary warning is issued to advise you to take a rest. This message only appears for a short time.
2. If you do not rest and the system continues to detect that your driving deteriorates, it will issue a further warning. This will remain in the information display until you cancel it. See **Information Messages** (page 67).

Press **OK** on the steering wheel control to remove the warning.

System Display

When active the system will run automatically in the background and only issue warnings if required. You can view the status at any time using the information display. See **General Information** (page 61).

The alertness level is shown by six steps as a colored bar.



E131358

Alertness level is fine, no rest required.



E131359

Alertness level is critical, indicating that you should take a rest as soon as it is safe to do so.

The status bar will travel from left to right as the calculated alertness level decreases. As the rest icon is approached the color turns from green to yellow and then finally red when a rest break must be taken.

- Green: No rest required.
- Yellow: First (temporary) warning.
- Red: Second warning.

Your alertness level will be shown in grey if:

- the camera sensor cannot track the road lane markings
- your vehicle speed drops below approximately 40 mph (65 km/h).

Resetting the System

You can reset the system by:

- switching the ignition off and on
- stopping your vehicle and then opening and closing the driver's door.

Driving Aids

ECO MODE

This system assists you in driving more efficiently by constantly monitoring characteristics of gear changing, anticipation of traffic conditions and speeds while driving.

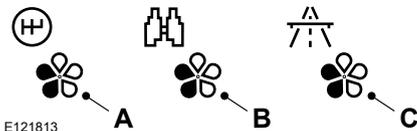
The petals shown in the display represent value characteristics with five petals being the most efficient. The more efficiently you drive, the better the rating, and the better your overall fuel economy.

Note: *These efficiency values do not result in a defined fuel consumption figure. It might vary as it is not only related to these driving habits, but also influenced by many other factors such as short trips and cold starts.*

Note: *Frequent short trips, where the engine does not fully warm up, will also increase fuel consumption.*

You can access the system using the information display. See **General Information** (page 61).

Type 1



- A Gear shifting
- B Anticipation
- C Efficient speed

Gear shifting

Using the highest drivable gear appropriate for the road conditions will improve fuel consumption.

Anticipation

Adjust your vehicle speed and the distance to other vehicles to avoid the need for heavy braking or acceleration to improve fuel economy.

Efficient speed

Reduce your cruising speed on open roads to improve economy. Higher speeds use more fuel.

Type 2 and 3

The information display will show the corresponding information.

Resetting Eco Mode

Reset the average fuel consumption by using the information display control.

Note: *New values may take a short time to calculate.*

Load Carrying

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. See **Vehicle Identification Plate** (page 181).
-  Do not allow items to contact the rear windows.

Note: When loading long objects in to your vehicle, for example pipes, timber or furniture be careful not to damage the interior trim.

ROOF RACKS AND LOAD CARRIERS

WARNINGS

-  When loading the roof racks, we recommend you evenly distribute the load, as well as maintain a low center of gravity. Loaded vehicles, with higher centers of gravity, may handle differently than unloaded vehicles. Take extra precautions, such as slower speeds and increased stopping distance, when driving a heavily loaded vehicle.
-  Do not exceed the maximum axle load for your vehicle. See **Vehicle Identification Plate** (page 181).

WARNINGS

-  Read and follow the manufacturer's instructions when you are fitting a roof rack.
-  Do not place loads directly on the roof panel.
-  If you use a roof rack, the fuel consumption of your vehicle will be higher and you may experience different driving characteristics.
-  Do not exceed the maximum roof load for your vehicle.

Variant	Maximum Roof Load kg
Medium Roof	150 kg
High Roof	100 kg

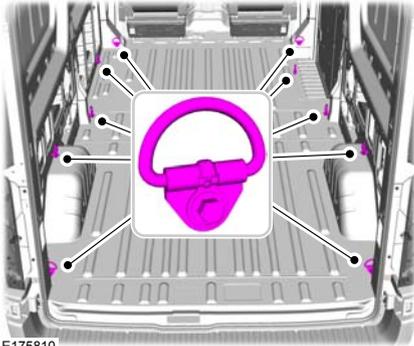
Make sure that you securely fasten the load. Check to make sure the straps are secure before driving and at each fuel stop.

When using the roof rack system, we recommend you use Ford genuine accessory crossbars designed specifically for your vehicle.

Load Carrying

LOAD RETAINING FIXTURES

Securing Cargo



E175810

Note: *The number of load retaining fixtures may vary depending on your vehicle model.*

Towing

TOWING A TRAILER

WARNINGS



The maximum permissible tow weight is dictated by vehicle and tow bar design. There are also legal limits which depend on whether brakes or other equipment are fitted to the trailer, caravan, or other towed equipment which may vary according to the State or Territory in which your vehicle is operated. Check the laws and regulations in the location in which you will be towing.



Do not exceed 62 mph (100 km/h). This could result in the loss of vehicle control, serious personal injury or death.



Do not exceed the maximum gross train weight and axle weights stated on your vehicle identification plate. This could result in the loss of vehicle control, serious personal injury or death. See **Vehicle Identification Plate** (page 181).



Make sure that the trailer nose weight (vertical weight on the tow ball) falls within the defined range. This could result in the loss of vehicle control, serious personal injury or death. See **Trailer Sway Control** (page 119).



The anti-lock braking system does not control the overrun brake on the trailer.

When towing a trailer:

- Place loads as low as possible and central to the axle 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 trailer nose weight (vertical weight on the tow ball), is essential for the driving stability of your vehicle and trailer.
- Reduce speed immediately if the trailer shows any sign of swaying. See **Trailer Sway Control** (page 119).
- Use a low gear when descending a steep downhill gradient.

Note: *The maximum permissible trailer nose weight on the trailer identification plate is the trailer manufacturer's testing value. The vehicle maximum permissible trailer nose weight may be lower.*

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

Towing a trailer changes the vehicle handling characteristics and increases stopping distances. Adapt your speed and driving behaviour to the load of the trailer.

The gross train weight stated on the vehicle identification plate applies for road gradients up to 12% and altitudes up to 3281 feet (1000 metres) when towing a trailer. In mountainous regions the engine performance decreases due to lower air density with increasing altitude. In high altitude regions above 3281 feet (1000 metres), the stipulated maximum permitted gross train weight must be reduced by 10% for every extra 3281 feet (1000 metres).

Towing

Trailer Tow Module

WARNINGS



Do not connect the trailer patch harness to the vehicle when the trailer is not connected.



Make sure that the indicator and brake lamps do not flicker with engine running while using a trailer with low power LED lamps.

Vehicles with factory fitted tow bar include a trailer plug control module for trailer lighting. Along with trailer plug functionality, it also protects the vehicle's primary electrical circuits and some trailer electrical failures.

You can purchase a trailer tow kit from an authorized dealer for the vehicles without factory fitted tow bar. This enables the tow bar installation.

The kit includes:

- Trailer plug
- Wiring and hardware components
- Trailer plug control module

Note: Have the trailer tow electrical kit configured by an authorized dealer.

Connect a trailer patch harness between the trailer and the vehicle to overcome flickering and correct operation of the rear parking aid.

Note: The trailer patch harness is available with the Ford authorized dealer.

TRAILER SWAY CONTROL

Note: This feature does not prevent trailer sway, but reduces it once it begins.

Note: This feature cannot stop all trailers from swaying.

Note: In some cases, if your vehicle speed is too high, the system may turn on multiple times, gradually reducing your vehicle speed.

This feature applies your vehicle brakes at individual wheels and if necessary, reduces engine power. If the trailer begins to sway, the traction control warning lamp flashes and a message will appear in the information display. Slow your vehicle down, pull safely to the side of the road and check for correct load distribution. See **Load Carrying** (page 116).

RECOMMENDED TOWING WEIGHTS

WARNING



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

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.

Towing

Model	Maximum Unbraked Trailer Mass	Maximum Braked Trailer Weight	Minimum Trailer Nose Weight	Maximum Trailer Nose Weight
350L RWD LWB	750 kg	2,800 kg	10% of the towed weight	280 kg
350E RWD LWB-Extended (Jumbo)	750 kg	2,800 kg	10% of the towed weight	280 kg
470E RWD LWB-Extended (Jumbo)	750 kg	2,800 kg	10% of the towed weight	280 kg
410L RWD LWB-Extended (Jumbo)	750 kg	2,800 kg	10% of the towed weight	280 kg

Note: Heavy Duty towbar available on selected variants which allows up to 3,500 kg trailer.

TOWING POINTS

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.

Front Towing Point

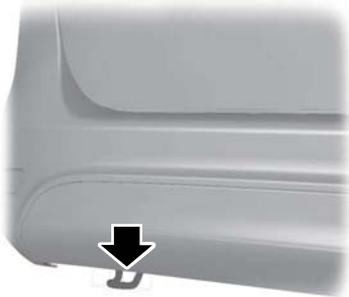


E146426

Remove the cover and install the recovery hook.

Towing

Rear Towing Point



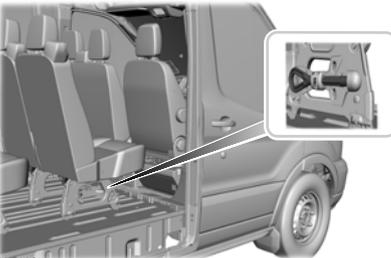
E142319

Recovery Hook Location

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



E171163



E171164

The recovery hook is located on the side of the first row rear seat or under the front passenger seat. See **Under Seat Storage** (page 86).

TOWING THE VEHICLE ON FOUR WHEELS

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 vehicle you are towing.

Driving Hints

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.

REDUCED ENGINE PERFORMANCE

WARNING



Continued operation will increase the engine temperature and cause the engine to shut down completely.

If the engine coolant temperature gauge needle moves to the upper limit position, the engine is overheating. See **Gauges** (page 55).

You must only drive your vehicle for a short distance if the engine overheats. The distance you can travel depends on ambient temperature, vehicle load and terrain. The engine will continue to operate with limited power for a short time.

If the engine temperature continues to rise, the fuel supply to the engine will reduce. The air conditioning will switch off and the engine cooling fan will operate continually.

1. Reduce your speed gradually and stop your vehicle as soon as it is safe to do so.
2. Switch the engine off immediately to prevent severe engine damage.
3. Wait for the engine to cool down.
4. Check the coolant level. See **Engine Coolant Check** (page 143).
5. Have your vehicle checked by an authorized dealer as soon as possible.

ECONOMICAL DRIVING

The following will help to improve fuel consumption.

Tire Pressures

Check your tire pressures regularly to optimize fuel economy. For best results use the economy pressures. See **Technical Specifications** (page 166).

Gear Shifting

Use the highest drivable gear appropriate for the road conditions.

Anticipation

Adjust your vehicle speed and the distance to other vehicles without the need for heavy braking or acceleration.

Driving Hints

Efficient Speed

Higher speeds use more fuel. Reduce your cruising speed on open roads.

Accessories

Try not to add unnecessary accessories to the exterior of your vehicle. If you use a roof rack, remember to fold it down or remove it when not in use.

Electrical Systems

Switch off all electrical systems when not in use, for example air conditioning. Make sure you unplug any accessories from the auxiliary power points when not in use.

COLD WEATHER PRECAUTIONS

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

DRIVING THROUGH WATER

WARNINGS



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



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

WARNINGS



Always use floor mats that are designed to fit the foot well of your vehicle. Only use floor mats that leave the pedal area unobstructed. Only use floor mats that are 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.



Pedals that cannot move freely can cause loss of vehicle control and increase the risk of serious personal injury.



Always make sure that the floor mats are properly attached to the retention posts in the carpet that are supplied with your vehicle. Floor mats must be properly secured to both retention posts to make sure mats do not shift out of position.



Never place floor mats or any other covering in the vehicle foot well that cannot be properly secured to prevent them from moving and interfering with the pedals or the ability to control the vehicle.

Driving Hints

WARNINGS

 Never place floor mats or any other covering on top of already installed floor mats. Floor mats should always rest on top of vehicle carpeting surface and not another floor mat or other covering. Additional floor mats or any other covering will reduce the pedal clearance and potentially interfere with pedal operation.

 Check attachment of floor mats on a regular basis. Always properly reinstall and secure floor mats that have been removed for cleaning or replacement.

 Always make sure that objects cannot fall into the driver foot well while the vehicle is moving. Objects that are loose can become trapped under the pedals causing a loss of vehicle control.

 Failure to properly follow floor mat installation or attachment instructions can potentially cause interference with pedal operation causing a loss of vehicle control.



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

To remove the floor mat, reverse the installation procedure.

Roadside Emergencies

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.*

FIRST AID KIT

Space is provided in the passenger's side lower door bin.

WARNING TRIANGLE

Space is provided in the driver's side lower door bin.

EMERGENCY EXIT

WARNING



Make sure that the roof rack and its load do not obstruct the emergency exit. Ask your dealer for advice on roof racks suitable for your vehicle.

Break the glass with the hammer in an emergency.

FUEL SHUTOFF

WARNING



Failure to inspect and if necessary repair fuel leaks after a crash may increase the risk of fire and serious injury. We recommend that the fuel system be inspected by an authorized dealer after any crash.

In the event of a moderate to severe crash, your vehicle is fitted with a fuel pump shut-off feature that stops the flow of fuel to the engine. Not every impact will cause a shut-off.

Should the engine turn off after a crash, you may restart the engine by carrying out the following.

Ignition Switch

1. Switch the ignition off.
2. Switch the ignition to position **III**.
3. Switch the ignition off.
4. Switch the ignition on again to re-enable the fuel pump.

Note: *Various system checks are automatically carried out before the vehicle will restart. If your vehicle fails to restart after the third attempt, the system has detected a fault that requires service. We recommend you contact an authorized dealer.*

Keyless Starting (If Equipped)

1. Without applying the brake pedal, press and release the button once.
2. Press the brake pedal, and then press and release the button once.
3. Without applying the brake pedal, press and release the button once.

Roadside Emergencies

4. Press the brake pedal, and then press and hold the button until the engine starts.

Note: Various system checks are automatically carried out before the vehicle will restart. If your vehicle fails to restart after the third attempt, the system has detected a fault that requires service. We recommend you contact an authorized dealer.

JUMPSTARTING THE VEHICLE

WARNINGS



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



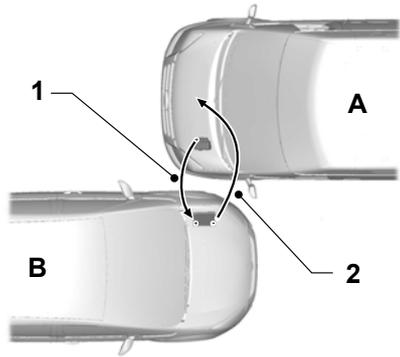
Connect batteries with only the same nominal voltage.



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

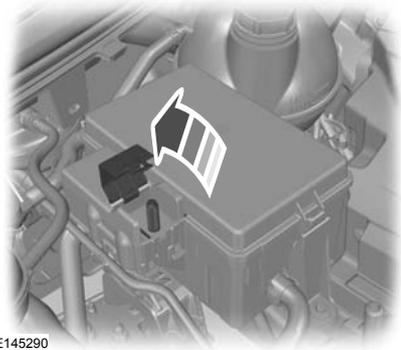
Note: Do not disconnect the battery.

To Connect the Booster Cables



E75524

- A Flat battery vehicle
- B Booster battery vehicle
- 1 Positive connection cable
- 2 Negative connection cable

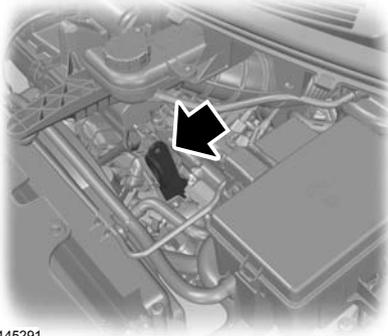


E145290

1. Position the vehicles so that they do not touch one another.
2. Switch the ignition off and any electrical equipment.

Roadside Emergencies

3. Lift up the battery positive connection point cover. For item location, refer to the appropriate under hood overview. See **Maintenance** (page 140).
4. Connect the positive (+) terminal of vehicle B with the positive (+) terminal of vehicle A (cable 1).



E145291

5. Connect the negative (-) terminal of vehicle B to the engine block or the engine lifting eye of vehicle A (cable 2).

WARNINGS



Do not connect directly to the negative (-) terminal of the flat battery.



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



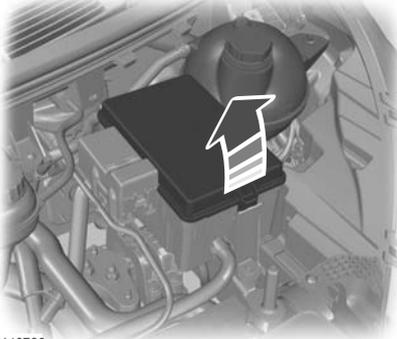
Do not switch the headlamps on when disconnecting the cables. The peak voltage could blow the bulbs.

Disconnect the cables in the reverse order.

Fuses

FUSE BOX LOCATIONS

Engine Compartment Fuse Box



E146726

For item location:

Passenger Compartment Fuse Box



E152513

This is located behind the removable trim panel.

Pre-fuse Box

This is located under the driver's seat.

Body Control Module Fuse Box



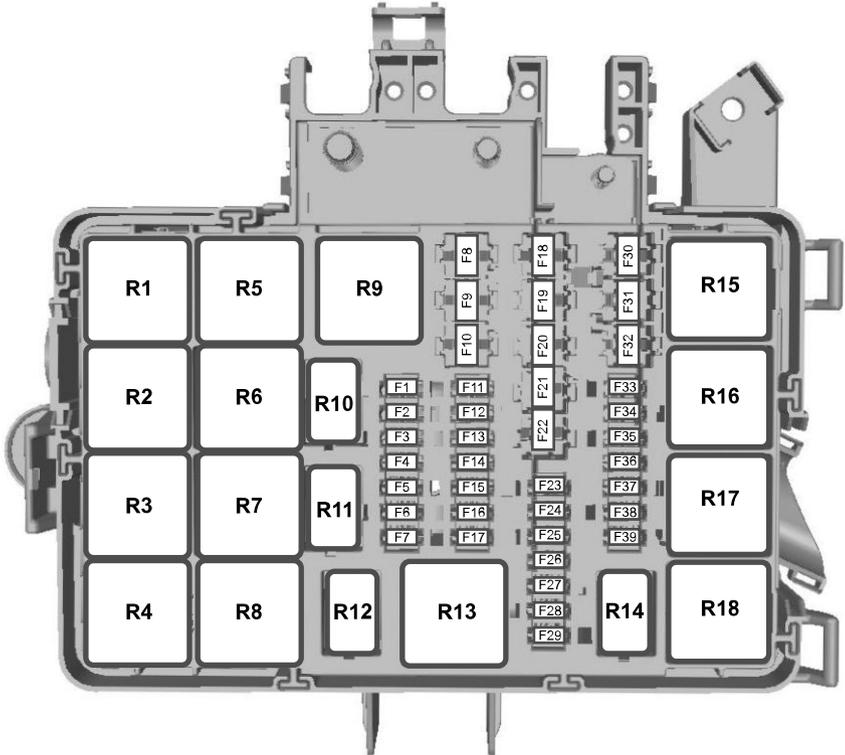
E152512

This is located behind the removable trim panel.

Fuses

FUSE SPECIFICATION CHART

Engine Compartment Fuse Box



E148826

Fuse	Fuse rating	Circuits protected
F1	10A	Selective Catalytic Reduction.
F2	15A	Selective Catalytic Reduction.
F3	15A	Selective Catalytic Reduction.
F4	10A	Selective Catalytic Reduction.

Fuses

Fuse	Fuse rating	Circuits protected
F5	3A	Diesel particulate filter vaporizer. Glow plug monitor.
F6	3A	Anti-lock brake system. Stability assist. Ignition.
F7	7.5A	Powertrain control module.
F8	20A	Cooling fan.
F9	30A	Left-hand windshield wiper.
F10	30A	Right-hand windshield wiper.
F11	10A	Air conditioning clutch.
F12	20A	Diesel particulate filter vaporizer glow plug.
F13	-	Not used.
F14	3A	Selective Catalytic Reduction - ignition.
F15	-	Not used.
F16	-	Not used.
F17	-	Not used.
F18	40A	Anti-lock brake system. Stability assist pump.
F19	30A	Starter solenoid.
F20	60A	Glow plugs.
F21	60A	Ignition relay 3.
F22	-	Not used.
F22	-	Not used.
F23	-	Not used.
F24	7.5A	Fuel injection pump.
F25	-	Not used.
F26	-	Not used.
F27	-	Not used.

Fuses

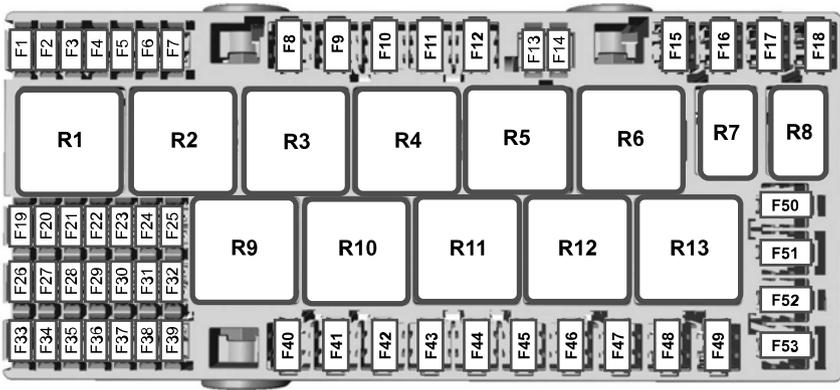
Fuse	Fuse rating	Circuits protected
F28	-	Not used.
F29	-	Not used.
F30	40A	Cooling fan 1.
F31	40A	Cooling fan 2.
F32	60A	Windshield dual wiper motors.
F33	20A	Start-Stop auxiliary water pump.
F34	-	Not used.
F35	15A	Powertrain control system supply.
F36	15A	Sensor NOXI 2.
F37	7.5A	Volume Control Valve.
F38	7.5A	Mass air flow sensor.
F39	15A	Diesel pump vaporizer.

Relay	Circuits switched
R1	Ignition.
R2	Starter motor.
R3	Rear window wiper.
R4	Not used.
R5	Cooling fan.
R6	Windshield wiper - on and off.
R7	Windshield wiper - low and high speed.
R8	Not used.
R9	Not used.
R10	Air conditioning clutch.
R11	Fuel vaporizer system glow plug.
R12	Fuel injection pump.
R13	All-wheel drive pump.

Fuses

Relay	Circuits switched
R14	Econetic.
R15	Low and high speed cooling fan.
R16	Selective Catalytic Reduction.
R17	Powertrain control module.
R18	High speed cooling fan.

Passenger Compartment Fuse panel



E148827

Fuse	Fuse rating	Circuits protected
F1	10A	Airbag module.
F2	20A	Heated rear window.
F3	10A	Heated exterior mirrors.
F4	-	Not used.
F5	-	Not used.
F6	5A	Tachograph.
F7	10A	Battery sensor.

Fuses

Fuse	Fuse rating	Circuits protected
F8	40A	AC power outlet socket.
F9	-	Not used.
F10	30A	Driver power seat.
F11	30A	Passenger power seat.
F12	30A	Power step.
F13	-	Not used.
F14	5A	Tracking and blocking control module.
F15	40A	Powertrain control module battery relay.
F16	40A	Powertrain control module power relay.
F17	-	Not used.
F18	30A	Anti-lock brake system valves. Stability assist valves.
F19	5A	Tachograph.
F20	5A	Heated exterior mirror relay. Heated windshield relay.
F21	-	Not used.
F22	15A	Passenger compartment fuse panel.
F23	7.5A	Air conditioning control module.
F24	5A	Headlamp leveling.
F25	7.5A	Interior lighting.
F26	10A	Heated exterior mirrors.
F27	20A	Heated front seats.
F28	20A	Cornering lamps.
F29	10A	Rear parking aid camera. Lane keeping system. Electro mirror.
F30	5A	Adaptive cruise control.
F31	-	Not used.

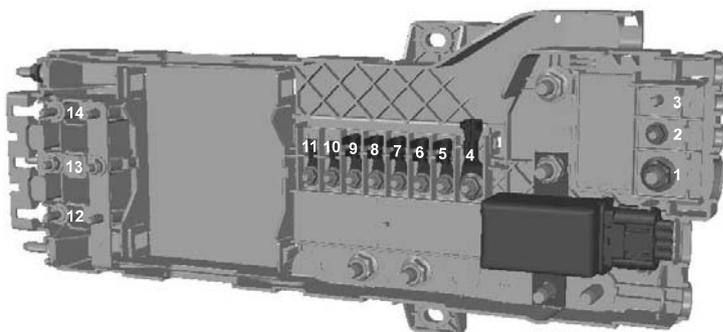
Fuses

Fuse	Fuse rating	Circuits protected
F32	10A	Interior lighting.
F33	20A	All wheel drive module.
F34	20A	Rear window wiper.
F35	5A	Power folding mirrors.
F36	20A	Horn.
F37	7.5A	SYNC module.
F38	5A	Blower motor. Horn relay. Windshield wiper relay.
F39	7.5A	Remote keyless entry. Battery. Power windows. Rear heating, ventilation and air conditioning.
F40	40A	Front blower motor.
F41	40A	Rear blower motor.
F42	30A	Heated rear window.
F43	30A	Trailer socket.
F44	60A	Auxiliary power points.
F45	-	Not used.
F46	30A	Power windows.
F47	20A	Cigar lighter socket.
F48	20A	Rear auxiliary power points.
F49	20A	Front auxiliary power points.
F50	60A	Ignition relay 1.
F51	60A	Ignition relay 2.
F52	40A	Left-hand heated windshield element.
F53	40A	Right-hand heated windshield element.

Fuses

Relay	Circuits switched
R1	Fuel fired booster heater.
R2	Auxiliary power points.
R3	Not used.
R4	Ignition 2.
R5	Power windows.
R6	Ignition 1.
R7	Horn.
R8	Not used.
R9	Front blower motor.
R10	Rear blower motor.
R11	Heated rear window. Heated exterior mirrors.
R12	Left-hand heated windshield element.
R13	Right-hand heated windshield element.

Pre-fuse Box



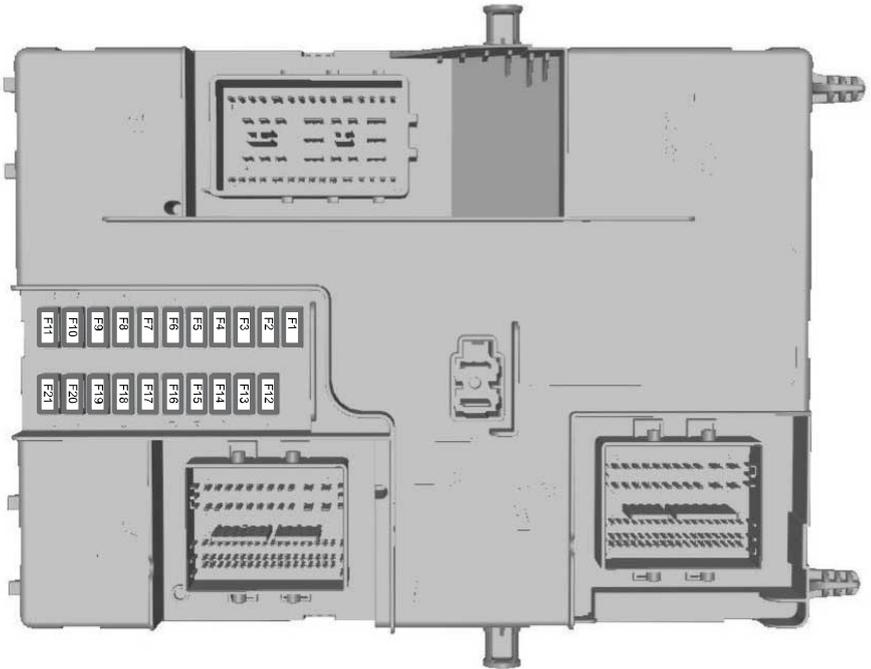
E148828

Fuses

Fuse	Fuse rating	Circuits protected
F1	470A	Engine compartment fuse box. Starter motor. Alternator.
F2	100A	Passenger compartment fuse panel. Body control module fuse box.
F3	40A	Powertrain control module. Anti-lock brake system.
F4	200A	Passenger compartment fuse panel.
F5	100A	Passenger compartment fuse panel.
F6	80A	Cabin heater.
F7	80A	Heated windshield.
F8	100A	Engine junction box.
F9	100A	Passenger compartment fuse panel.
F10	60A	Passenger compartment fuse panel supply.
F11	60A	Passenger compartment fuse panel supply.
F12	60A	Auxiliary power point 1.
F13	60A	Auxiliary power point 2.
F14	60A	Auxiliary power point 3.

Fuses

Body Control Module Fuse Box



E148830

Fuse	Fuse rating	Circuits protected
F1	15A	Central locking system 2.
F2	15A	Central locking system 1.
F3	15A	Ignition switch.
F4	5A	Parking assist control module.
F5	5A	Rain sensor module.
F6	15A	Windshield washer pump.
F7	7.5A	Exterior mirrors.

Fuses

Fuse	Fuse rating	Circuits protected
F8	15A	Front fog lamps.
F9	10A	Right-hand high beam.
F10	10A	Left-hand high beam.
F11	25A	Right-hand exterior lamps. Left-hand side lamps.
F12	20A	Battery backup sounder. Anti-theft alarm horn.
F13	15A	On-board diagnostic. Battery saver.
F14	25A	Turn signal indicator.
F15	25A	Left-hand exterior lamps. Right-hand side lamp. Central high mounted brake lamp.
F16	20A	Audio unit. Navigation unit.
F17	7.5A	Instrument panel cluster. Heater control.
F18	10A	Headlamp switch module. Steering wheel module.
F19	5A	Front control/display interface module.
F20	5A	Ignition passive anti-theft system.
F21	3A	Accessory relay.

CHANGING A FUSE

WARNINGS

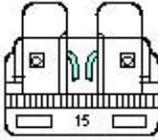
 Do not modify the electrical system of your vehicle in any way. Have repairs to the electrical system and the replacement of relays and high current fuses carried out by an authorized dealer.

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

WARNINGS

 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.

Fuses



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.

Maintenance

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 142).
- Brake fluid level. See **Brake and Clutch Fluid Check** (page 143).

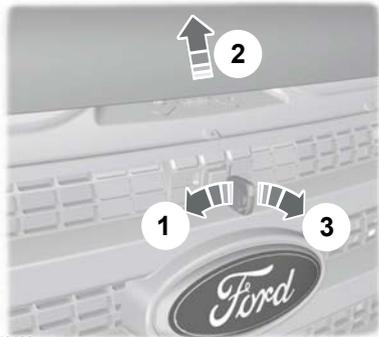
- Washer fluid level. See **Washer Fluid Check** (page 144).
- Tire pressures (when cold). See **Tire Care** (page 158).
- Tire condition. See **Wheels and Tires** (page 158).

Monthly Checks

- Engine coolant level (engine cold). See **Engine Coolant Check** (page 143).
- Pipes, hoses and reservoirs for leaks.
- Air conditioning operation.
- Parking brake operation.
- Horn operation.
- Tightness of lug nuts. See **Tire Care** (page 158).

OPENING AND CLOSING THE HOOD

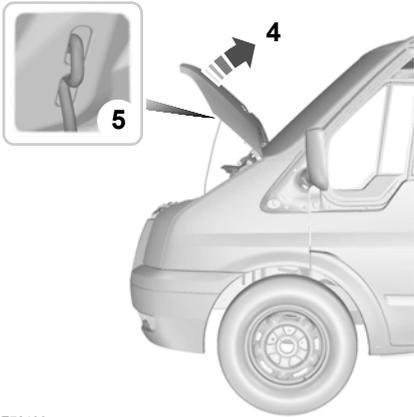
Opening the Hood



E72108

1. Insert the vehicle key into the hood lock and turn counterclockwise.
2. Slightly lift the hood.
3. Turn the key clockwise to release the hood.

Maintenance



4. Open the hood.
5. Support the hood with the hood strut.

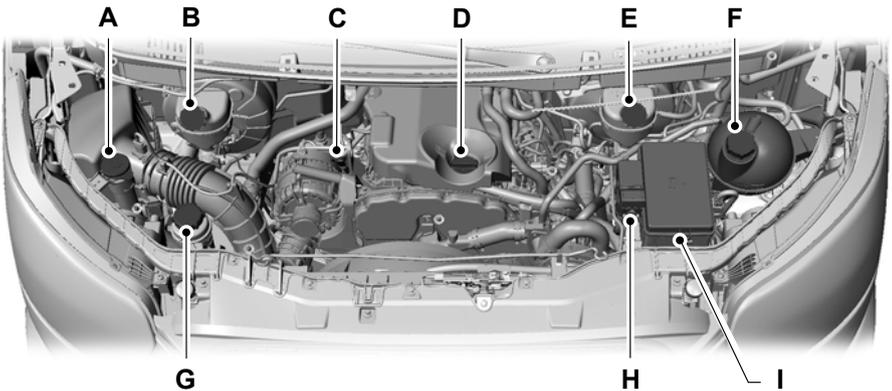
Closing the Hood

1. Remove the hood strut from the catch and secure it correctly in the clip.
2. Lower the hood and allow it to drop under its own weight for the last 20–30 cm

Note: Make sure that the hood is correctly closed.

E72109

UNDER HOOD OVERVIEW - RWD



E169967

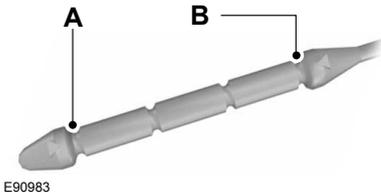
- A Windshield washer reservoir*. See **Washer Fluid Check** (page 144).
- B Brake and clutch fluid reservoir (right-hand drive). See **Brake and Clutch Fluid Check** (page 143).
- C Engine oil dipstick*. See **Engine Oil Check** (page 142).

Maintenance

- D Engine oil filler cap. See **Engine Oil Check** (page 142).
- E Brake and clutch fluid reservoir (left-hand drive). See **Brake and Clutch Fluid Check** (page 143).
- F Engine coolant reservoir. See **Engine Coolant Check** (page 143).
- G Power steering fluid reservoir. See **Power Steering Fluid Check** (page 144).
- H Battery positive connection (for connecting booster cables). See **Jump Starting the Vehicle** (page 126).
- I Engine compartment fuse box. See **Fuses** (page 128).

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

ENGINE OIL DIPSTICK



- A Minimum
- B Maximum

ENGINE OIL CHECK

1. Make sure that your vehicle is on level ground.
2. Check the oil level before starting the engine, or switch the engine off 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: 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 cause engine damage.

Note: The oil consumption of new engines reaches its normal level after approximately 5,000 km.

Adding Engine Oil

WARNINGS



Only add oil 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.

1. Remove the engine oil filler cap.
2. Add engine oil that meets Ford specifications.
3. Replace the engine oil 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.

Maintenance

ENGINE COOLANT CHECK

WARNINGS

-  Never remove the coolant reservoir cap while the engine is running or hot.
-  Only add coolant when the engine is cold. If the engine is hot, wait 10 minutes for the engine to cool down.
-  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.
-  Undiluted coolant is flammable and may ignite if spilled on a hot exhaust.



E169064

Make sure that the coolant level is between the **MIN** and the **MAX** marks. If the coolant level is on or below the **MIN** mark, add coolant meets the correct specification immediately.

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

Adding Engine Coolant

1. Remove the filler cap.
2. Add engine coolant to the **MAX** mark, do not overfill.
3. Replace the filler cap. Turn it until you feel a strong resistance.

Note: Add a 50/50 mixture of antifreeze and water, or prediluted engine coolant that meets the correct specification.

Note: In an emergency you can add just water to the cooling system to reach a vehicle service station.

Note: Prolonged use of an incorrect dilution of engine coolant can cause engine damage, for example corrosion, overheating or freezing.

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.

Maintenance



E169063

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

POWER STEERING FLUID CHECK

WARNING



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.

If the power steering fluid level is between the **MAX** and **MIN** marks add power steering fluid that meets the correct specification.

Adding Power Steering Fluid

1. Remove the filler cap.
2. Add power steering fluid to the **MAX** mark. Do not overfill.
3. Replace the filler cap. Turn it until you feel a strong resistance.

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.

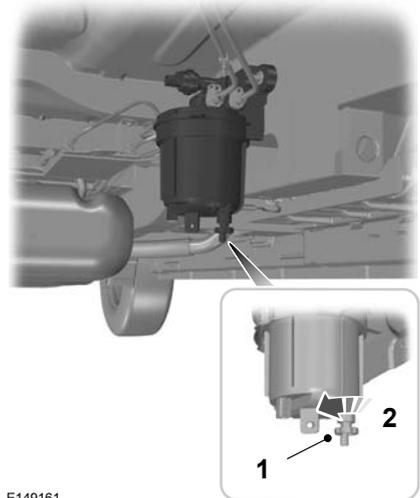
For information on fluid dilution, refer to the product instructions.

DRAINING THE FUEL FILTER WATER TRAP

WARNING



Do not dispose of fuel in the household refuse or the public sewage system. Use an authorized waste disposal facility.



E149161

Maintenance

1. Attach a tube to the drain plug and place the end of the tube into a suitable container.
2. Loosen the drain plug one to two turns and allow the water to drain.
3. Tighten the drain plug until you feel a strong resistance.

Note: The drain plug will rise while opening.

Note: To drain the fuel filter water trap you will need to access the underside of your vehicle.

Note: Only add fuel that meets the Ford specification. See **Fuel and Refueling** (page 92).



With the engine running the water in fuel indicator lamp will go out after approximately two seconds.

CHANGING THE 12V BATTERY

Removing the Battery

WARNINGS



You must replace your vehicle battery with one of exactly the same specification.



Make sure the battery box is correctly sealed.

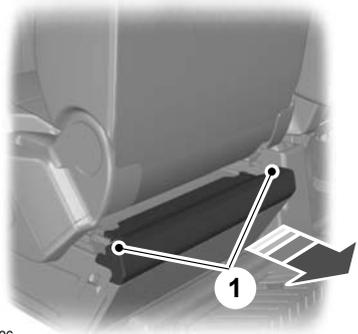


Your vehicle battery is heavy; take care when lifting and removing.

Note: If you have power seats and the battery has no charge, jump-start your vehicle to move the seat. See **Jump Starting the Vehicle** (page 126).

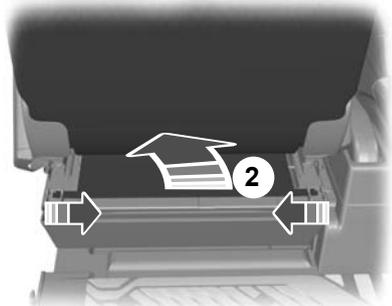
Note: Where applicable you must reprogram the audio system using the keycode.

The battery is located inside your vehicle under the driver's seat.



E152526

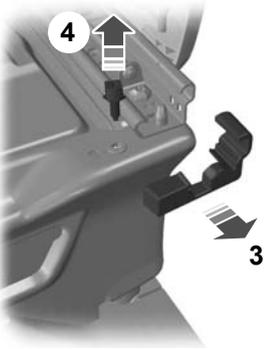
1. Remove the cover trim by pulling up the tabs with your fingers.



E152529

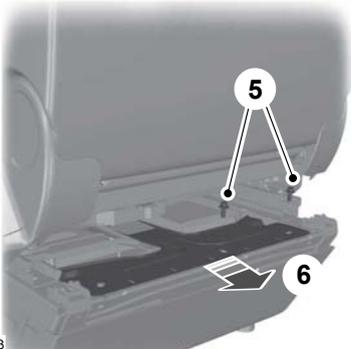
2. Unhook the cover flap and tuck it under the seat valance.

Maintenance



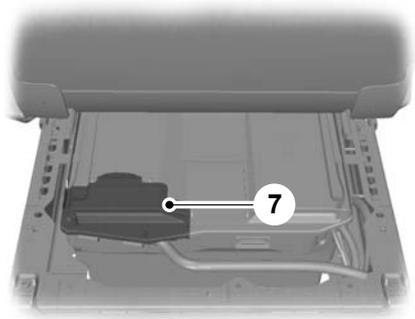
E146781

3. Remove the cover on both sides.
4. Remove the seat runner bolts on both sides. Slide the seat fully forward, making sure the arm rest is folded up. See **Seats** (page 77).



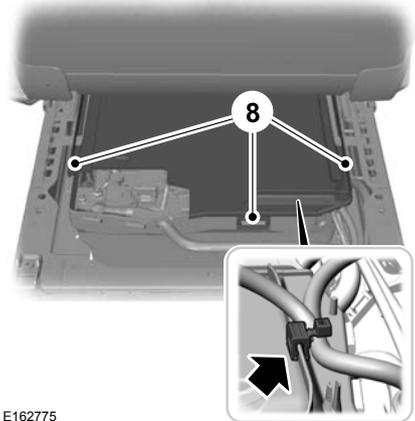
E146773

5. Remove the battery clamp bolts.
6. Remove the battery clamp and cover.



E162774

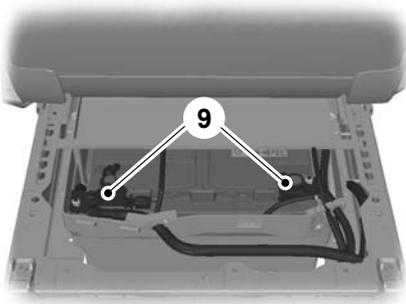
7. Remove the battery terminal cover.



E162775

8. Remove the cable securing clips from the cover. Release the retaining clips and remove the cover.

Maintenance



E162776

9. Disconnect the battery.

Installing the Battery

WARNING



Make sure that you securely fasten the seat runner bolts before installing the covers.

Install in the reverse order.

CHECKING THE WIPER BLADES



E142463

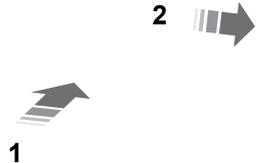
Run the tip of your fingers over the edge of the blade to check for roughness.

Clean the wiper blades with washer fluid or water applied with a soft sponge or cloth.

CHANGING THE WIPER BLADES

Changing the Windshield Wiper Blades

Lift the wiper arm.

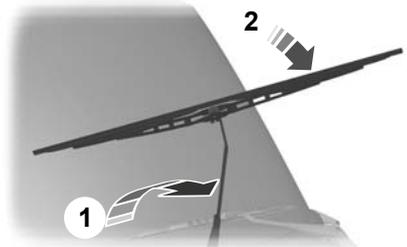


E72899

1. Press the locking button.
2. Remove the wiper blade.
3. Install in the reverse order. Make sure that the wiper blade locks into place.

Note: *The windshield wiper blades are different in length. If you install wiper blades of the wrong length, the rain sensor may not work correctly.*

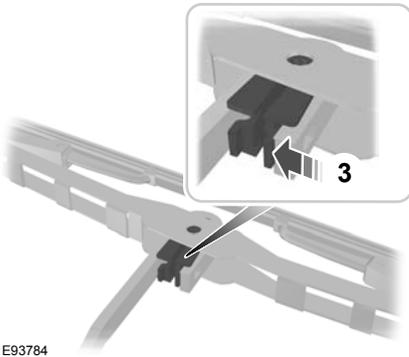
Changing the Rear Window Wiper Blade



E93783

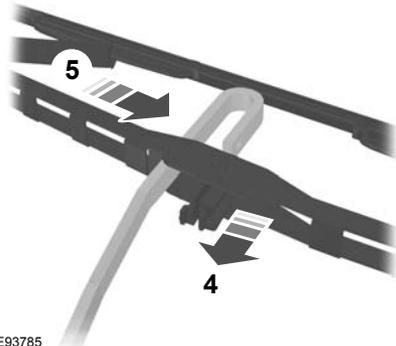
1. Lift the wiper arm.
2. Position the wiper blade at right angles to the wiper arm.

Maintenance



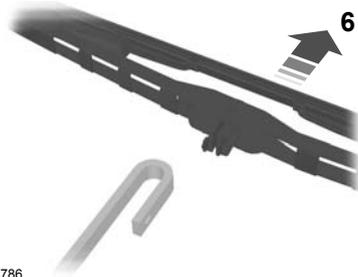
E93784

3. Press the locking lever.



E93785

4. Disengage the wiper blade from the wiper arm.
5. Slide the wiper blade to the side.



E93786

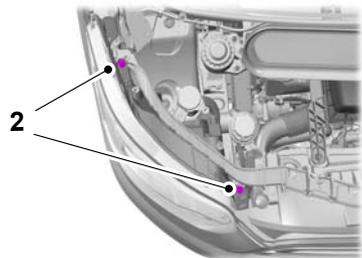
6. Remove the wiper blade.
7. Install in the reverse order. Make sure that the wiper blade locks into place.

REMOVING A HEADLAMP

WARNING

 Switch all of the lamps and the ignition off. Failure to follow this warning could result in serious personal injury.

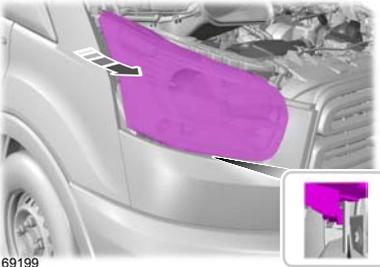
1. Open the hood. See **Opening and Closing the Hood** (page 140).



E169198

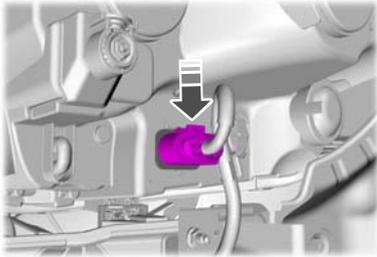
2. Remove the screws.

Maintenance



E169199

3. Pull the headlamp toward the front of your vehicle to disengage it from its locating points and then lift the headlamp up.



E169200

4. Disconnect the electrical connectors.
Note: When you install the headlamp, make sure that you correctly attach the electrical connector.
Note: When you install the headlamp, make sure that you correctly engage its locating points.

CHANGING A BULB

WARNINGS

-  Switch all of the lamps and the ignition off. Failure to do so could result in serious personal injury.

WARNINGS

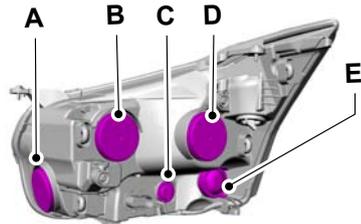
-  Bulbs become hot when in use. Let them cool down before you remove them.

Use the correct specification bulb. See **Bulb Specification Chart** (page 154).

The following instructions describe how to remove the bulbs. Install in the reverse order unless otherwise stated.

Note: LED lamps are not serviceable. See an authorized dealer.

Headlamp



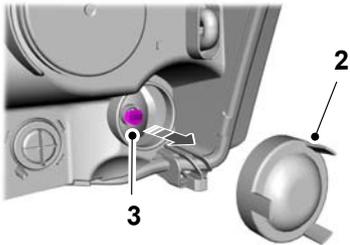
E169204

- A Cornering lamp
- B Daytime running lamp and headlamp high beam
- C Direction indicator
- D Headlamp low beam
- E Side lamp

Note: You may have to remove a cover to gain access to the bulb.

Maintenance

Side Lamp

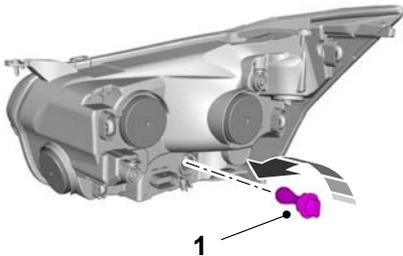


E170405

1. Remove the headlamp. See **Removing a Headlamp** (page 148).
2. Remove the cover.
3. Remove the bulb holder by pulling it straight out. Remove the bulb.

Direction Indicator

Remove the headlamp. See **Removing a Headlamp** (page 148).

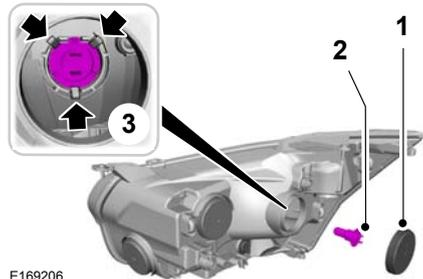


E169205

1. Turn the bulb holder counterclockwise and remove it.
2. Press the bulb in and turn the bulb counterclockwise to remove it.

Headlamp Low Beam

Remove the headlamp. See **Removing a Headlamp** (page 148).



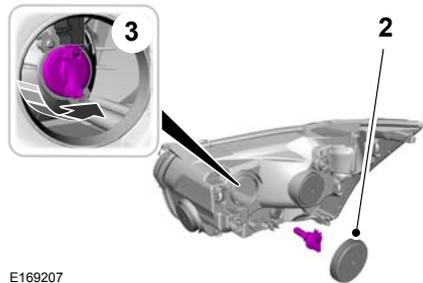
E169206

1. Remove the cover.
2. Disconnect the electrical connector.
3. Pull the bulb straight out past the retaining clips.

Note: Do not touch the glass of the bulb.

Headlamp High Beam

1. Remove the headlamp. See **Removing a Headlamp** (page 148).



E169207

2. Remove the cover.
3. Turn the bulb counterclockwise and remove it.

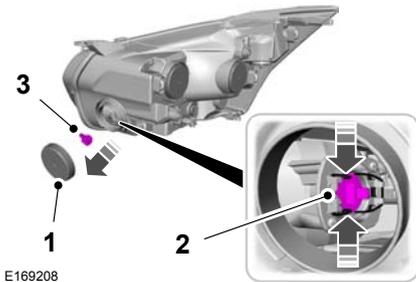
Note: Do not touch the glass of the bulb.

Note: You cannot separate the bulb from the bulb holder.

Cornering Lamp

Remove the headlamp. See **Removing a Headlamp** (page 148).

Maintenance

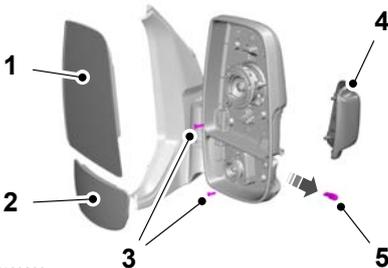


E169208

1. Remove the cover.
2. Disconnect the electrical connector and release the clip.
3. Remove the bulb.

Note: Do not touch the glass of the bulb.

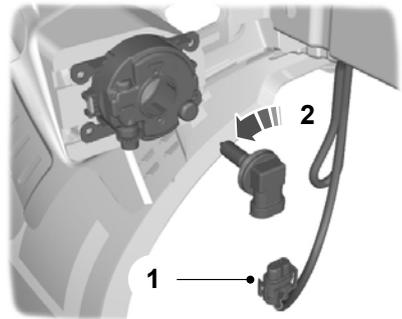
Side Repeater



E169209

1. Remove the large mirror glass. Tilt the mirror glass fully up, pull the mirror glass toward you from the bottom.
2. Remove the small mirror glass. Tilt the mirror glass fully down, pull the mirror glass toward you from the top.
3. Remove the screws.
4. Remove the lamp lens.
5. Remove the bulb.

Front Fog Lamps



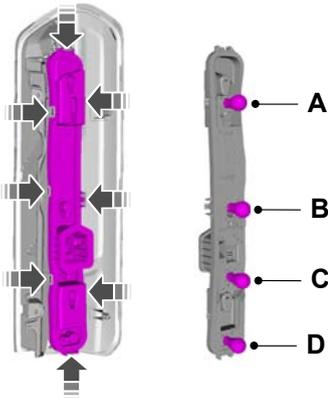
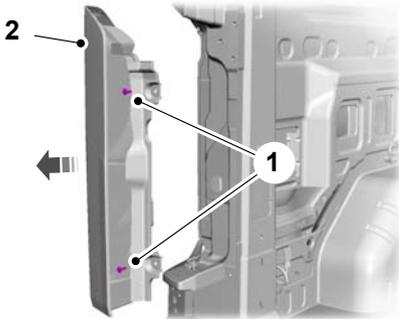
E71062

1. Disconnect the electrical connector.
2. Turn the bulb holder counterclockwise and remove it.

Note: You cannot separate the bulb from the bulb holder.

Maintenance

Rear Lamps

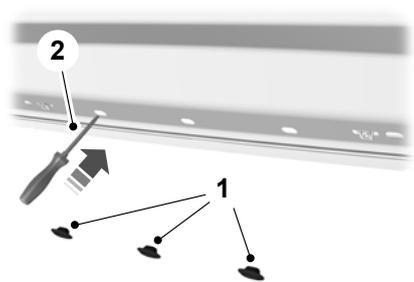


E169210

- A Tail and brake lamp
- B Direction indicator
- C Reversing lamp
- D Fog lamp

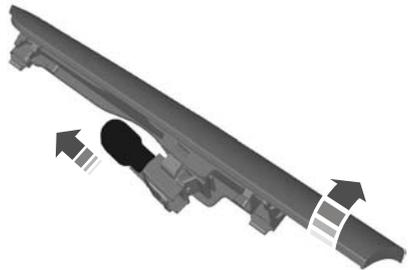
1. Remove the screws.
2. Remove the lamp and unclip the bulb holder.
3. Press the bulb in and turn the bulb counterclockwise to remove it.

Central High Mounted Brake Lamp



E162641

1. Remove the rubber grommets.
- Note:** *If fitted, remove the trim panel first.*
2. Using a screwdriver, gently prise the clips to release the lamp.



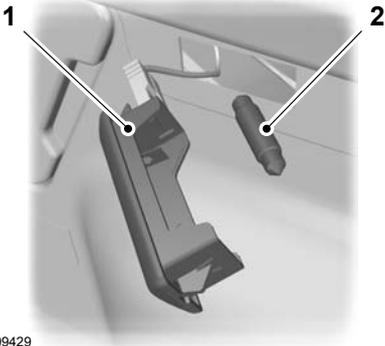
E146638

3. Carefully remove the lamp.
4. Remove the bulb.

Note: *LED lamps are not serviceable. See an authorized dealer.*

Maintenance

License Plate Lamp

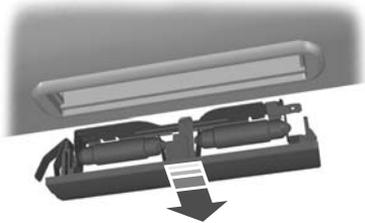


E99429

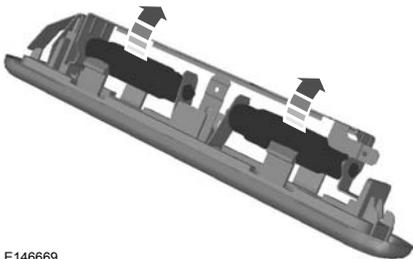
1. Carefully remove the lamp.
2. Remove the bulb.

Interior Lamp

Entrance Lamps



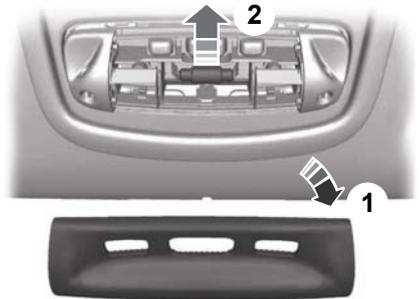
E154369



E146669

1. Carefully remove the lamp.
2. Remove the bulbs.

Vehicles with Interior Sensors

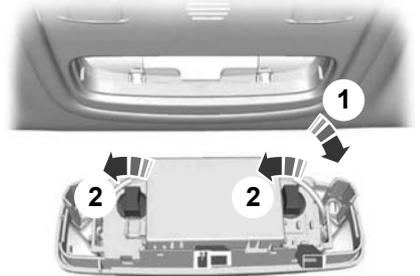


E154370

1. Carefully remove the lens.
2. Remove the bulb.

Reading Lamps

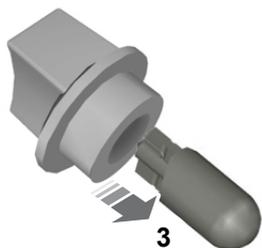
Vehicles with Interior Sensors



E72786

1. Carefully remove the lamp.
2. Turn the bulb holder counterclockwise and remove it.

Maintenance



E73939

3. Remove the bulb.

Vehicles without Interior Sensors

— 2 —

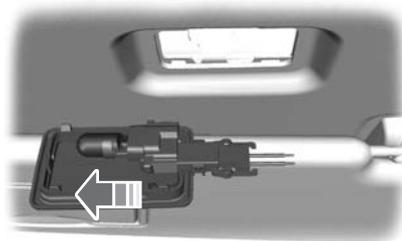
— 3 —

1 ———

E99453

1. Carefully remove the lamp.
2. Turn the bulb holder counterclockwise and remove it.
3. Remove the bulb.

Sun Visor Mirror Lamp



E72785

1. Carefully remove the lamp.
2. Remove the bulb.

BULB SPECIFICATION CHART

Exterior Lamps

Lamp	Specification	Power (watt)
Body side marker lamp	W5W	5
Brake and tail lamp	P21/5W	21/5
Central high mounted brake lamp	W16W	16
Chassis cab rear marker lamp	W5W	5
Cornering lamp	H1	55
Front direction indicator lamp	PY21W	21
Front fog lamp	H11	55

Maintenance

Lamp	Specification	Power (watt)
Front side lamp	W5W	5
High beam headlamp and Daytime running lamp	H15	55/15
License plate lamp	W5W	5
Low beam headlamp	H7	55
Rear direction indicator lamp	PY21W	21
Rear fog lamp	P21W	21
Reversing lamp	P21W	21
Roof outline marker lamp	W5W	5
Side repeater lamp - high watt	W16W	16
Side repeater lamp - low watt	WY5W	5

Note: If your vehicle is fitted with LED lamps these are not serviceable items, see an authorized dealer if they fail.

Interior Lamps

Lamp	Specification	Power (watt)
Front interior lamp	W6W	6
Front interior lamp - with category 1 alarm	Festoon	6
Luggage compartment lamp	211 Festoon	10
Map reading lamp	W6W	6
Side door entrance lamp	211 Festoon	10

Note: If your vehicle is fitted with LED lamps these are not serviceable items, see an authorized dealer if they fail.

Vehicle Care

CLEANING THE EXTERIOR

Note: If you use a car wash with a waxing cycle, make sure that you remove the wax from the windshield.

Note: Prior to using a car wash facility check the suitability of it for your vehicle.

Note: Some car wash installations use water at high pressure. This could damage certain parts of your vehicle.

Note: Remove the aerial before using an automatic car wash.

Note: 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

Note: Do not scrape the headlamp lenses or use abrasives, alcoholic solvents or chemical solvents to clean them.

Note: Do not wipe the headlamps when they are dry.

Cleaning the Rear Window

Note: 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

Note: Do not use abrasives or chemical solvents. Use soapy water.

Note: 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.

Note: 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

Note: Do not use abrasives, or chemical solvents to clean them.

Note: 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

Note: Do not use abrasives, alcoholic solvents or chemical solvents to clean them.

Vehicle Care

Rear Windows

Note: *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.

Wheels and Tires

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 inflate them to the same tire pressures as those listed in the tire pressure table. See

Technical Specifications (page 166).

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 166).



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 driven wheels.

Note: The anti-lock brake system will continue to operate normally.

Wheels and Tires

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 Traction Control** (page 104).

CHANGING A ROAD WHEEL

WARNINGS



Do not fit more than one spare wheel on your vehicle at any one time.



Drive the shortest possible distances.



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).



Only fit snow chains to specified tires.



The ground clearance of your vehicle may be reduced. Take care when parking next to a curb.

Locking Lug Nuts

You can obtain replacement locking lug nuts or a locking lug nut key using the reference number certificate.

Vehicles with a Spare Wheel

The spare wheel is located underneath the rear of your vehicle.

If the spare wheel is the same type and size as your vehicle road wheel, you can fit the spare wheel and continue to drive in the normal manner.

If the spare wheel is not the same type and size as your vehicle road wheel, it will have a label showing the maximum speed limit.



E145138

1. Open the rear doors. Remove the grommet and insert the flat end of the wheel brace or the short arm of the jack handle into the socket. Turn counterclockwise until the spare wheel rests on the ground and the cable is loose.



E146811

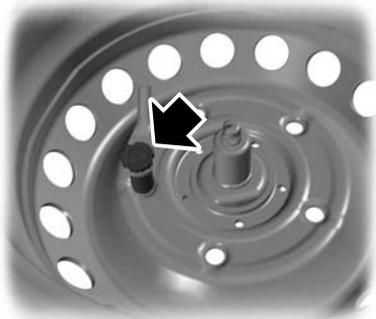
2. Raise the cable end cover.

Wheels and Tires



E146812

3. Rotate the cable through 90 degrees. Slide the cable through the slot to release the spare wheel bracket from the winch.



E146813

4. Remove the retaining nut to release the spare wheel bracket.

Vehicle Jack

WARNINGS

- ⚠ Only use the vehicle jack supplied with your vehicle when changing a wheel in an emergency.

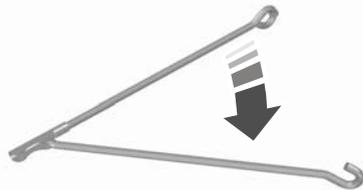
WARNINGS

- ⚠ The vehicle jack must not be damaged or deformed and the thread lubricated and free from foreign material.
- ⚠ Never place anything between the vehicle jack and the ground.
- ⚠ Never place anything between the vehicle jack and your vehicle.
- ⚠ Make sure that the vehicle jack is vertical to the jacking point and the base is flat on the ground.
- ⚠ Do not work on your vehicle when the jack is the only support. If the vehicle slips off the jack, you or someone else could be seriously injured.

Note: Vehicles with a Temporary Mobility Kit do not have a vehicle jack or a wheel brace.

Front Wheel Drive Vehicles and Rear Wheel Drive Vehicles up to T370

The vehicle jack and wheel brace are located in a storage compartment in the front right-hand side stepwell.



E146837

1. Unfold the jack handle.

Wheels and Tires



E70958

2. Insert the hook of the jack handle into the ring on the vehicle jack. Insert the wheel brace into the end of the jack handle and rotate clockwise to raise your vehicle. Rotate counterclockwise to lower your vehicle.

Rear Wheel Drive Vehicles T410 and Over

The vehicle jack is located under the passenger seat. The jack handle and wheel brace are located in a storage compartment in the front right-hand side stepwell.



E70959

1. Assemble the jack handle.

2. Insert the jack handle onto the release valve and turn clockwise until you feel a strong resistance.
3. Insert the jack handle into the pump and use a pumping action to raise your vehicle. Insert the jack handle onto the release valve and rotate counterclockwise to lower your vehicle.

Front Jacking Points

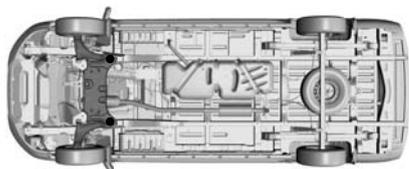
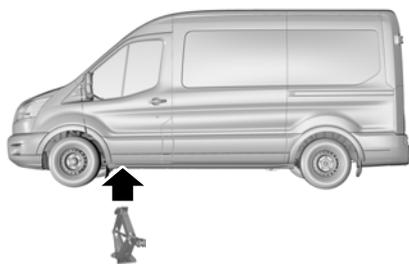
WARNINGS

 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.

 If your vehicle has rear air conditioning, make sure that when you position the jack it does not come in contact with the air conditioning lines or the fuel tank support strap.

Front Wheel Drive Vehicles and Rear Wheel Drive Vehicles up to T370.

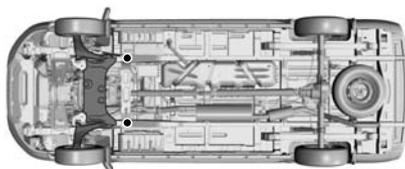
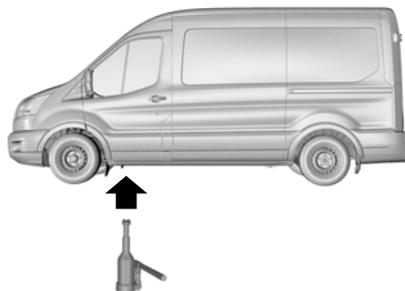
Wheels and Tires



E170180

Position the head of the vehicle jack under the front sub-frame rear mounting bolts.

Rear Wheel Drive Vehicles T410 and Over.



E171405

Position the head of the vehicle jack under the protrusions at the rear of front sub-frame.

Rear Jacking Points

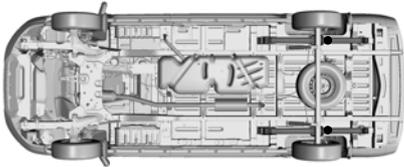
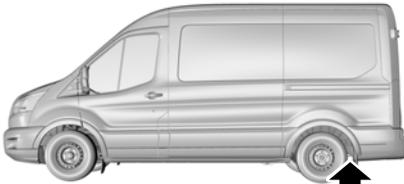
WARNING



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.

Front Wheel Drive Vehicles and Rear Wheel Drive Vehicles up to T370.

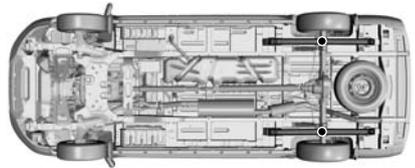
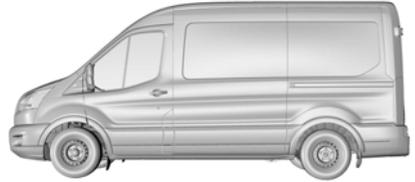
Wheels and Tires



E170181

Position the head of the vehicle jack under the rear leaf spring directly behind the rear wheel.

Rear Wheel Drive Vehicles T410 and Over.



E171406

Position the head of the vehicle jack under the rear axle.

Removing a Road Wheel

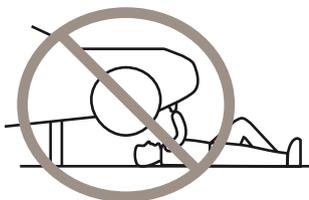
WARNINGS

-  Park your vehicle in such a position that neither the traffic nor you are hindered or endangered.
-  Turn on the hazard warning flasher.
-  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, select first or reverse gear. If it has an automatic transmission, select park.

Wheels and Tires

WARNINGS

-  Have the passengers leave your vehicle.
-  Secure the diagonally opposite wheel with an appropriate block or wheel chock.
-  Only use the vehicle jack supplied with this vehicle to change a wheel. Never 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.
-  Make sure that the arrows on directional tires (where fitted), point in the direction of rotation when the vehicle is moving forwards. 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 a properly trained technician.

1. Insert the flat end of the wheel brace between the rim and the wheel trim and carefully remove the wheel trim.
2. Use the locking lug nut key to loosen the locking lug nut.
3. Loosen the remaining lug nuts, but do not remove them.
4. Raise your vehicle until the wheel and tire is clear of the ground.

5. Remove the lug nuts and the road wheel.

Note: Do not lay alloy road wheels face down on the ground.

Installing a Road Wheel

WARNINGS

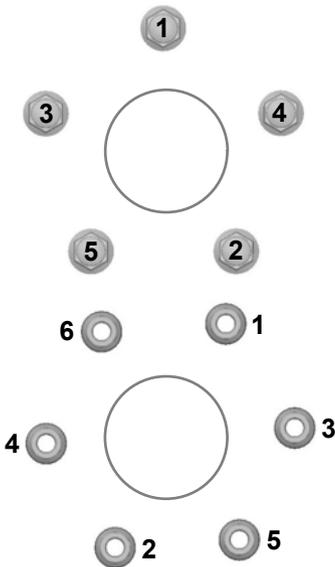
-  Make sure that the arrows on directional tires point in the direction of rotation when your vehicle is moving forward. If you have to fit a spare wheel with the arrows pointing in the opposite direction, have the tire refitted in the correct direction by an authorized dealer.
-  Use only approved wheel and tire sizes. Using other sizes could damage your vehicle and will make the National Type Approval invalid.
-  Do not fit run flat tires on vehicles that were not originally fitted with them. See an authorized dealer for more details about compatibility.
-  Do not install alloy wheels using wheel nuts designed for use with steel wheels.
-  Wheel nuts are subject to change. You must make sure that you use only the specific wheel nuts and wheels supplied for your vehicle. If in doubt see an authorized dealer.
-  Make sure that there is no lubrication (grease or oil) on the threads or the interface between wheel studs and nuts.

Note: The wheel 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.

1. Install the wheel.

Wheels and Tires



E70961

2. Install all of the lug nuts and partially tighten them in the sequence shown.
3. Lower your vehicle and remove the vehicle jack.
4. Fully tighten all of the lug nuts in the sequence shown. See **Technical Specifications** (page 166).
5. Install the wheel trim.

Note: Make sure that the cones on the lug nuts are against the wheel.

Note: Alloy wheel lug nuts are suitable for use on a steel spare wheel.

Note: If the spare wheel is not the same type and size as your vehicle road wheel replace it as soon as possible.

Note: Check the lug nuts for correct tightness and check the tire pressure as soon as possible. See **Technical Specifications** (page 166).

Stowing the Wheel and Vehicle Jack

Note: Do not raise the spare wheel bracket without a wheel attached. Damage can occur to the winch mechanism if the spare wheel bracket is lowered without a wheel attached.

1. Attach the spare wheel bracket to the wheel using the retaining nut.
2. Slide the cable through the slot and attach the spare wheel bracket to the winch.
3. Rotate the cable through 90 degrees and lower the cable end cover.



E145138

4. Insert the flat end of the wheel brace or the short arm of the jack handle into the socket. Turn it clockwise until you feel a strong resistance. Make sure the wheel is secure.
5. Stow the vehicle jack, jack handle and wheel brace in their correct locations and secure them with the straps.

Wheels and Tires

TECHNICAL SPECIFICATIONS

Lug Nut Torque

Wheel type	Nm
All	200

Tire Pressures (Cold Tires)

Van, Kombi-Van and Kombi (front wheel drive)

Vehicle type	Tire size	Front	Rear
		bar	bar
280M Vehicles with steel wheels	215/65 R15C	3.5	3.3
280M Vehicles with alloy wheels	215/65 R16C	3.7	3.6
290M Vehicles with steel wheels	215/65 R15C	3.5	3.3
290M Vehicles with alloy wheels	215/65 R16C	3.7	3.6
290M (derated 310) Vehicles with steel wheels	215/65 R15C	3.1	3.5
290M (derated 310) Vehicles with alloy wheels	215/65 R16C	3.4	3.8
310L Vehicles with steel wheels	215/65 R15C	3.75	3.7
310L 310L Econetic Vehicles with alloy wheels	215/65 R16C	4	4
310M	215/65 R15C	3.5	3.7

Wheels and Tires

Vehicle type	Tire size	Front	Rear
		bar	bar
Vehicles with steel wheels			
310M 310M Econetic Vehicles with alloy wheels	215/65 R16C	3.8	4
330L 330L Econetic 330M 330M Econetic	235/65 R16C	3.3	4
350L 350L Econetic	235/65 R16C	3.3	4.5
350M 350M Econetic	235/65 R16C	3.3	4.2
355L (Finland only)	235/65 R16C	3.3	4.5
355M (Finland only)	235/65 R16C	3.3	4.2

Van, Kombi-Van and Kombi (rear wheel drive and all-wheel drive)

Vehicle type	Tire size	Front	Rear
		bar	bar
310L	235/65 R16C	3.3	3.2
350L 370L 350L-E Jumbo Vehicles with maximum front axle weight 1750 kg	235/65 R16C	3.3	4.5
350L 370L 350L-E Jumbo 370L E Vehicles with maximum front axle weight 1850 kg	235/65 R16C	3.5	4.5
350M	235/65 R16C	3.3	4.2

Wheels and Tires

Vehicle type	Tire size	Front	Rear
		bar	bar
Vehicles with maximum front axle weight 1750 kg			
350M Vehicles with maximum front axle weight 1850 kg	235/65 R16C	3.5	4.2
355L (Finland only) Vehicles with maximum front axle weight 1750 kg	235/65 R16C	3.3	4.5
355L (Finland only) Vehicles with maximum front axle weight 1850 kg	235/65 R16C	3.5	4.5
355M (Finland only) Vehicles with maximum front axle weight 1750 kg	235/65 R16C	3.3	4.2
355M (Finland only) Vehicles with maximum front axle weight 1850 kg	235/65 R16C	3.5	4.2

Chassis Cab (front wheel drive)

Vehicle type	Tire size	Front	Rear
		bar	bar
310M	215/65 R16C	3.8	4
330L 330M	235/65 R16C	3.3	4
350L 350E-L Jumbo 370M	235/65 R16C	3.3	4.5
350M	235/65 R16C	3.3	4.2

Wheels and Tires

Chassis Cab (rear wheel drive)

Vehicle type	Tire size	Front	Rear
		bar	bar
310S	235/65 R16C	2.9	3.2
330S	235/65 R16C	3	4
350E 350L 350L-E Jumbo 350ELWB-EL Super Jumbo 370M Vehicles with maximum front axle weight 1750 kg	235/65 R16C	3.3	4.5
350E 350L 350L-E Jumbo 350ELWB-EL Super Jumbo Vehicles with maximum front axle weight 1850 kg	235/65 R16C	3.5	4.5
350M Vehicles with maximum front axle weight 1750 kg	235/65 R16C	3.3	4.2
350M 350L-E Jumbo (Poland only) 370M Vehicles with maximum front axle weight 1850 kg	235/65 R16C	3.5	4.2
355L (Finland only) Vehicles with maximum front axle weight 1750 kg	235/65 R16C	3.3	4.5
355L (Finland only) Vehicles with maximum front axle weight 1850 kg	235/65 R16C	3.5	4.5

Wheels and Tires

Vehicle type	Tire size	Front	Rear
		bar	bar
355M (Finland only) Vehicles with maximum front axle weight 1750 kg	235/65 R16C	3.3	4.2
355M (Finland only) Vehicles with maximum front axle weight 1850 kg	235/65 R16C	3.5	4.2
355L-E Jumbo (Finland only) Vehicles with maximum front axle weight 1850 kg	235/65 R16C	3.5	4.5

Bus

Vehicle type	Tire size	Front	Rear
		bar	bar
350M Vehicles with maximum front axle weight 1750 kg	235/65 R16C	3.3	4.1
350M Vehicles with maximum front axle weight 1850 kg	235/65 R16C	3.3	4.1
370L	235/65 R16C	3.4	4.3
370M Vehicles with maximum front axle weight 1750 kg	235/65 R16C	3.3	4.5
370M Vehicles with maximum front axle weight 1850 kg	235/65 R16C	3.5	4.5
410L	235/65 R16C	3.4	4.9
460LWB-E	195/75 R16C	4.6	4

Wheels and Tires

Van, Kombi and Chassis Cab (dual rear wheel)

Vehicle type	Tire size	Front	Rear
		bar	bar
350L 350M 350S Vehicles with maximum front axle weight 1750 kg	195/75 R16C	4.3	3
350L 350M 350S 350L-E (derated 470) 350L-E Jumbo 350ELWB-EL Super Jumbo Vehicles with maximum front axle weight 1850 kg	195/75 R16C	4.6	3
410L 410L-E (derated 470)	195/75 R16C	4.6	3.2
430L 430L-E Jumbo 430ELWB-EL Super Jumbo	195/75 R16C	4.6	3.8
460LWB-E Jumbo	195/75 R16C	4.6	3.9
470L 470M 470L-E Jumbo 470ELWB-EL Super Jumbo	195/75 R16C	4.6	4.3

Wheels and Tires

Skeletal Chassis Vehicles (SVO, Motorhomes)

Vehicle type	Tire size	Front	Rear
		bar	bar
350L 350L-E Jumbo	235/65 R16C	3.5	4.5
350M	235/65 R16C	3.5	4.2
410L 410L-E Jumbo	235/65 R16C	3.4	4.9

Snow Chain Wheel

Tire size	Vehicle type			
	Front wheel drive	Rear wheel drive	Rear wheel drive (dual rear wheel)	All wheel drive
195/75 R16C	-	-	Yes*	-
215/65 R15C	Yes	-	-	-
215/65 R16C	Fit special service wheel kit with tire size 185/75 R16C 104/102	-	-	-
235/65 R16C 115/113	Fit special service wheel kit with tire size 185/75 R16C 104/102	Yes	-	Yes**
235/65 R16C 121/119	Fit special service wheel kit with tire size 195/75 R16C 107/105	Yes	-	Yes**

*Only fit snow chains to the outer tires.

**Only fit snow chains to the rear tires.

Capacities and Specifications

VEHICLE DIMENSIONS

Van/Kombi/Bus

Medium Wheelbase

Description	mm	
Overall length	5,531	
Overall width including exterior mirrors	2,474	
Overall height (measured at curb weight)	Minimum	Maximum
	2,490	2,789
Wheelbase	3,300	
Front track	1,732	
Rear track	1,743	

Long Wheelbase

Description	mm	
Overall length	5,981	
Overall width including exterior mirrors	2,474	
Overall height (measured at curb weight)	Minimum	Maximum
	2,481	2,792
Wheelbase	3,750	
Front track	1,732	
Rear track	1,743	

Long Wheelbase Extended Frame

Description	mm	
Overall length	6,704	
Overall width including exterior mirrors	2,474	
Overall height (measured at curb weight)	Minimum	Maximum
	2,750	2,782

Capacities and Specifications

Description	mm	
Wheelbase	3,750	
Front track single wheel and dual wheel	1,732	1,740
Rear track single wheel and dual wheel	1,743	1,670

Chassis Cab

Short Wheelbase

Description	mm	
Overall length	5,205	
Overall width including exterior mirrors	2,474	
Overall height (measured at curb weight)	Minimum	Maximum
	2,192	2,219
Wheelbase	3,137	
Front track	1,732	
Rear track	1,743	

Medium Wheelbase

Description	mm	
Overall length	5,572	
Overall width including standard or wide exterior mirrors	Minimum	Maximum
	2,474	2,746
Overall height (measured at curb weight)	2,168	2,214
Wheelbase	3,504	
Front track single wheel and dual wheel	1,732	1,740
Rear track single wheel and dual wheel	1,743	1,670

Capacities and Specifications

Long Wheelbase

Description	mm	
Overall length	6,602	
Overall width including standard or wide exterior mirrors	Minimum	Maximum
	2,474	2,746
Overall height (measured at curb weight)	2,183	2,207
Wheelbase	3,954	
Front track single wheel and dual wheel	1,732	1,740
Rear track single wheel and dual wheel	1,743	1,670

Long Wheelbase Extended Frame Single Chassis Cab

Description	mm	
Overall length	6,579	
Overall width including standard or wide exterior mirrors	Minimum	Maximum
	2,474	2,746
Overall height (measured at curb weight)	2,183	2,207
Wheelbase	3,954	
Front track single wheel and dual wheel	1,732	1,740
Rear track single wheel and dual wheel	1,743	1,670

Long Wheelbase Extended Frame Double Chassis Cab

Description	mm	
Overall length	6,404	
Overall width including standard or wide exterior mirrors	Minimum	Maximum
	2,474	2,746
Overall height (measured at curb weight)	2,198	2,200

Capacities and Specifications

Description	mm	
Wheelbase	3,954	
Front track single wheel and dual wheel	1,732	1,740
Rear track single wheel and dual wheel	1,743	1,670

Extra Long Wheelbase Extended Frame Single Chassis Cab

Description	mm	
Overall length	7,577	
Overall width including standard or wide exterior mirrors	Minimum	Maximum
	2,474	2,746
Overall height (measured at curb weight)	2,195	2,197
Wheelbase	4,522	
Front track single wheel and dual wheel	1,732	1,740
Rear track single wheel and dual wheel	1,743	1,670

Extra Long Wheelbase Extended Frame Double Chassis Cab

Description	mm	
Overall length	7,394	
Overall width including standard or wide exterior mirrors	Minimum	Maximum
	2,474	2,746
Overall height (measured at curb weight)	2,187	2,191
Wheelbase	4,522	
Front track single wheel and dual wheel	1,732	1,740
Rear track single wheel and dual wheel	1,743	1,670

Capacities and Specifications

Motorhome Chassis

Medium Wheelbase

Description	mm	
Overall length	5,321	
Overall width including standard or wide exterior mirrors	2,474	2,746
Overall height (measured at curb weight)	2,212	
Wheelbase	3,300	
Front track	1,732	
Rear track	1,743	

Long Wheelbase

Description	mm	
Overall length	5,975	
Overall width including standard or wide exterior mirrors	2,474	2,746
Overall height (measured at curb weight)	2,205	
Wheelbase	3,750	
Front track	1,732	
Rear track	1,743	

Long Wheelbase Extended Frame

Description	mm	
Overall length	5,975	
Overall width including standard or wide exterior mirrors	2,474	2,746
Overall height (measured at curb weight)	2,199	

Capacities and Specifications

Description	mm
Wheelbase	3,954
Front track	1,732
Rear track	1,743

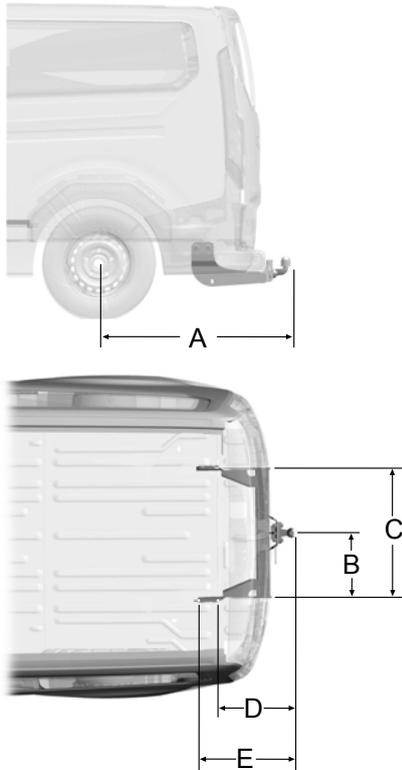
TOWBAR DIMENSIONS

Maximum Permissible Nose Weight All Vehicles

kg
112 kg

Capacities and Specifications

Van/Kombi/Bus



E148831

Measurement	Dimension description	mm
A	wheel center – end of tow ball	1,367
B	Center of tow ball - side member	371,5
C	Inner side of side member	743
D	Center of tow ball – center 1.attachment point	629
E	Center of tow ball – center 2.attachment point	704

Capacities and Specifications

Single Chassis Cab

Short Medium and Long Wheelbase

Measurement	Dimension description	mm
A	wheel center – end of tow ball	1,178
B	Center of tow ball - side member	418
C	Inner side of side member	836
D	Center of tow ball – center 1.attachment point	237
E	Center of tow ball – center 2.attachment point	343.5

Long and Extra Long Wheelbase Extended Frame

Measurement	Dimension description	mm
A	wheel center – end of tow ball	2,165
B	Center of tow ball - side member	418
C	Inner side of side member	836
D	Center of tow ball – center 1.attachment point	237
E	Center of tow ball – center 2.attachment point	343.5

Double Chassis Cab

Short Medium and Long Wheelbase

Measurement	Dimension description	mm
A	wheel center – end of tow ball	1,178
B	Center of tow ball - side member	418
C	Inner side of side member	836
D	Center of tow ball – center 1.attachment point	237
E	Center of tow ball – center 2.attachment point	343.5

Capacities and Specifications

Long Wheelbase Extended Frame

Measurement	Dimension description	mm
A	wheel center – end of tow ball	1,560
B	Center of tow ball - side member	418
C	Inner side of side member	836
D	Center of tow ball – center 1.attachment point	237
E	Center of tow ball – center 2.attachment point	343.5

Extra Long Wheelbase Extended Frame

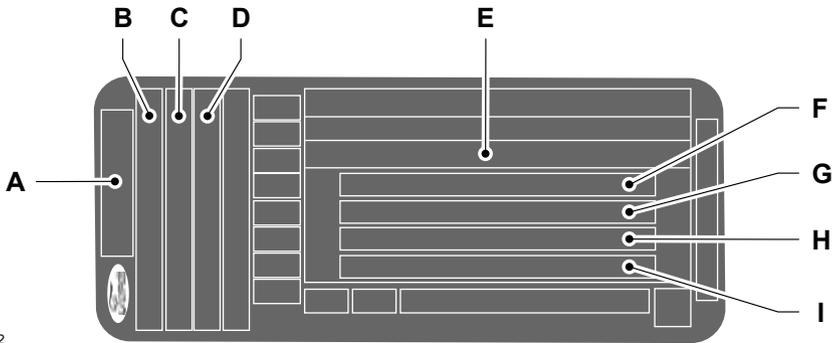
Measurement	Dimension description	mm
A	wheel center – end of tow ball	1,982
B	Center of tow ball - side member	418
C	Inner side of side member	836
D	Center of tow ball – center 1.attachment point	237
E	Center of tow ball – center 2.attachment point	343.5

VEHICLE IDENTIFICATION PLATE

Note: Your vehicle identification plate design may vary to that shown.

Note: The information shown on your vehicle identification plate is dependent upon market requirements.

Capacities and Specifications



E135662

- A Model
- B Variant
- C Engine designation
- D Engine power and emission level
- E Vehicle identification number
- F Gross vehicle weight
- G Gross train weight
- H Maximum front axle weight
- I Maximum rear axle weight

You can find your vehicle identification number and maximum weights on a plate, which is located at the bottom of the lock side of the passenger door aperture.

Capacities and Specifications

VEHICLE IDENTIFICATION NUMBER

The vehicle identification number is located on the left-hand side of the instrument panel. You will also find it stamped into the right-hand front wheel arch.



E71369

FUEL CONSUMPTION FIGURES

Variant	Urban	Extra-Urban	Combined	CO2 Emissions
	mpg (l/100 km)	mpg (l/100 km)	mpg (l/100 km)	g/km
All vehicles	24.4 - 38.7 (11.6 - 7.3)	32.5 - 47.9 (8.7 - 5.9)	29.1 - 44.1 (9.7 - 6.4)	169 - 255

Audio System

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.

Audio System

- 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.

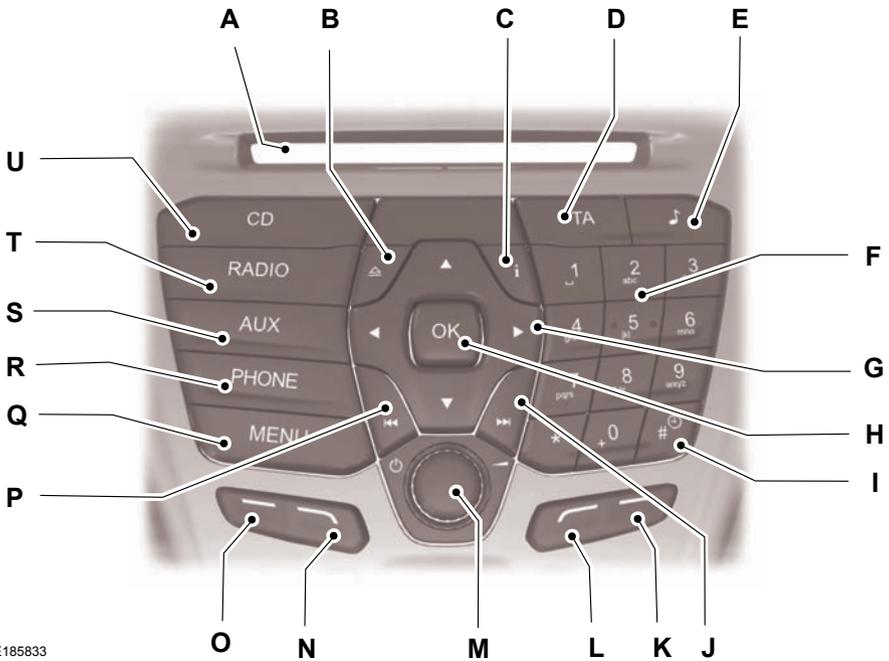
AUDIO UNIT

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.

Audio System



E185833

- A **CD slot:** Where you insert a CD.
- B **Eject:** Press the button to eject a CD.
- C **INFO:** Press the button to access radio, CD, USB and iPod information.
- D **TA:** Press the button to turn traffic announcements on or off and cancel announcements during an active announcement.
- E **SOUND:** Press the button to adjust the sound settings for bass, treble, middle, balance and fade.
- F **Numeric keypad:** Press a button to recall a previously stored radio station. In **PHONE** mode, you can use the numeric keypad to enter a phone number.
- G **Cursor arrows:** Press a button to scroll through on-screen choices.
- H **OK:** Press the button to confirm on-screen selections.
- I **Clock:** Press the button to select clock setup.

Audio System

- J **Seek up:** Press the button to go to the next radio station up the radio frequency band. Seek tuning will stop at the first radio station it locates. While listening to a CD, press the button to go to the next track. In **PHONE** mode, press the button to end or reject a phone call.
- K **Function button 4:** Press the button to select different functions of the audio system depending on which mode you are in, for example radio or CD.
- L **Function button 3:** Press the button to select different functions of the audio system depending on which mode you are in, for example radio or CD.
- M **On, Off and Volume:** Press the button to switch the audio system on or off. Turn the dial to adjust the volume.
- N **Function button 2:** Press the button to select different functions of the audio system depending on which mode you are in, for example radio or CD.
- O **Function button 1:** Press the button to select different functions of the audio system depending on which mode you are in, for example radio or CD.
- P **Seek down:** Press the button to go to the next radio station down the radio frequency band. Seek tuning will stop at the first radio station it locates. While listening to a CD, press the button to go to the previous track. In **PHONE** mode, press the button to begin or accept a phone call.
- Q **MENU:** Press the button to access different audio system features.
- R **PHONE:** Press the button to access the phone feature of the SYNC system by pressing **PHONE** then **MENU**.
- S **AUX:** Press the button to access the AUX and SYNC features, it will also cancel the menu or list browsing.
- T **RADIO:** Press the button to select different radio frequency bands, it will also cancel the menu or list browsing.
- U **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 bass, treble, middle, balance and fade.

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.

Radio Button

Press the **RADIO** button to select from the frequency bands available.

You can use the button to return to radio reception when you have been listening to another source.

Alternatively, press the left arrow button to display the available frequency bands. Scroll to the required frequency band and press **OK**.

Audio System

Station Tuning Control

Seek Tuning

Select a frequency band and briefly press the seek up or seek down button. Seek tuning will stop at the first radio station it locates.

Manual Tuning

1. Press function button 2.
2. Use the left and right arrow buttons to tune down or up the frequency band 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 frequency band.
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 frequency band and pressing one of the preset buttons.

1. Select a frequency band.
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 frequency band 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 frequency band, and overwrite the previously stored stations. You can also store stations manually in the same way as other frequency bands.*

- Press the **MENU** button, select audio mode then 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 frequency band 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 a message 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.

Audio System

Note: If traffic announcement is on and you select a preset or manual tune to a non traffic announcement station no traffic announcements 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.

Press the **MENU** button.

Action	Message
1	Audio settings
2	Adaptive volume

1. Use the left or right arrow button to adjust the setting.
2. Press the **OK** button to confirm your selection.
3. Press the **MENU** button to return.

News Broadcasts

The audio unit may interrupt normal reception to broadcast news bulletins from stations on the FM frequency band, 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.

Press the **MENU** button.

Action	Message
1	Audio settings
2	News

1. Turn on or off with the **OK** button.
2. Press the **MENU** button to return.

Alternative Frequencies

The majority of programs that broadcast on the FM frequency band have a program identification code, it can be recognized by audio units.

Audio System

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 frequency band 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 may appear in the display.

Press the **MENU** button.

Action	Message
1	Audio settings
2	Alt. frequency

1. Turn on or off with the **OK** button.
2. 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.

Press the **MENU** button.

Action	Message
1	Audio settings
2	RDS regional

1. Turn on or off with the **OK** button.
2. 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.

Audio System

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

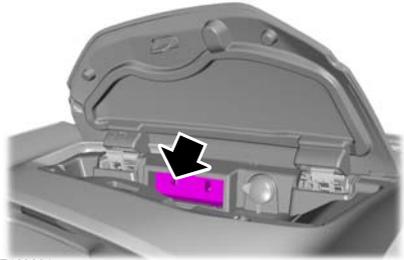
If you leave the coverage area of a DAB radio station the system will automatically switch to the corresponding FM radio station.

Audio System

You can switch this feature on and off using the information display. See **General Information** (page 61).

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.



E169601

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.

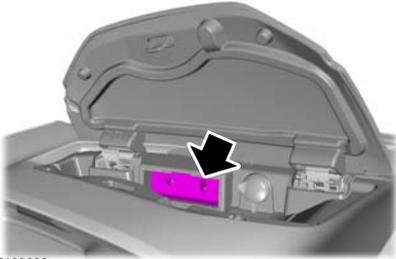
The auxiliary input jack allows you to connect and play music from your portable music player through your vehicle speakers. You can use any portable music player designed for use with headphones. Your audio extension cable must have male 1/8 inch (3.5mm) connector at each end.

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. Select the auxiliary input mode on the audio unit. 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.

Audio System

USB PORT

The USB port allows you to plug in media playing devices, memory sticks and charge devices (if supported).



E169602

AUDIO TROUBLESHOOTING

Message	Description and Action
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 the error persists contact an authorized dealer.
CD Drive malfunction	General error message for a mechanism fault. The system has detected a fault that requires service.
CD drive too hot	General error message for the mechanism being too hot. The unit will not work until it has cooled down. If the error persists contact an authorized dealer.

Appendices

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, for example cellular telephones and amateur radio transmitters, 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 10 cm from any electronic modules and airbags.



E164941

Frequency Band MHz	Maximum output power Watt (Peak RMS)	Antenna Positions
1-30	50 W	2
30-54	50 W	1, 2
68-87.5	50 W	1, 2
142-176	50 W	1, 2
380-512	50 W	1, 2
806-940	10 W	1, 2

Appendices

Frequency Band MHz	Maximum output power Watt (Peak RMS)	Antenna Positions
1200-1400	10 W	1, 2
1710-1885	10 W	1, 2
1885-2025	10 W	1, 2

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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