

FORD **FOCUS** 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 handheld device while driving and encourage the use of voice-operated systems when possible. Make sure you are aware of all applicable local laws that may affect the use of electronic devices while driving.

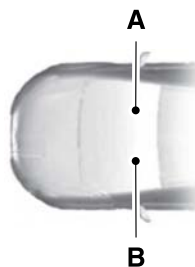
Note: This manual describes product features and options available throughout the range of available models, sometimes even before they are generally available. It may describe options not fitted to your vehicle.

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

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

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

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



E154903

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

Protecting the Environment

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

SYMBOLS GLOSSARY

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



Safety alert



See Owner's Manual



Air conditioning system



Anti-lock braking system



Avoid smoking, flames or sparks

Introduction



Battery



Battery acid



Brake fluid - non petroleum based



Brake system



Cabin air filter



Check fuel cap



Child safety door lock or unlock



Child seat lower anchor



Child seat tether anchor



Cruise control



Do not open when hot



Engine air filter



Engine coolant



Engine coolant temperature



Engine oil



Explosive gas



Fan warning



Fasten safety belt



Front airbag



Front fog lamps



Fuel pump reset



Fuse compartment



Hazard warning flashers



Heated rear window



Heated windshield



Interior luggage compartment release



Jack



Keep out of reach of children



Lighting control

Introduction



Low tire pressure warning



Maintain correct fluid level



Note operating instructions



Panic alarm



Parking aid



Parking brake



Power steering fluid



Power windows front/rear



Power window lockout



Service engine soon



Side airbag



Shield the eyes



Stability control



Windshield wash and wipe

REPLACEMENT PARTS RECOMMENDATION

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

Scheduled Maintenance and Mechanical Repairs

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

Collision Repairs

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

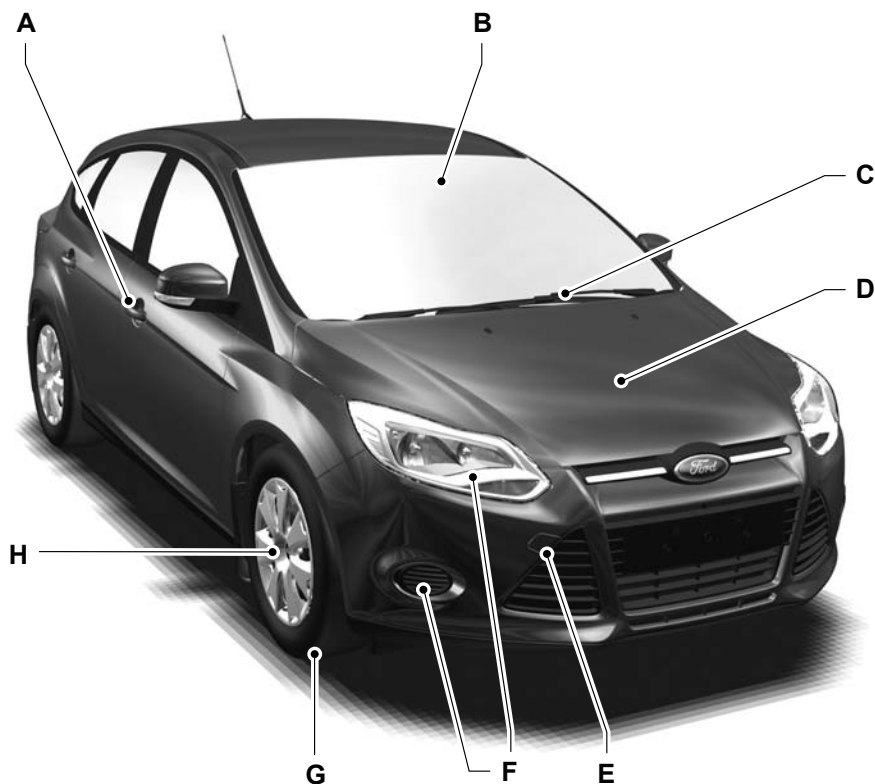
Introduction

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.

At a Glance

Front exterior overview



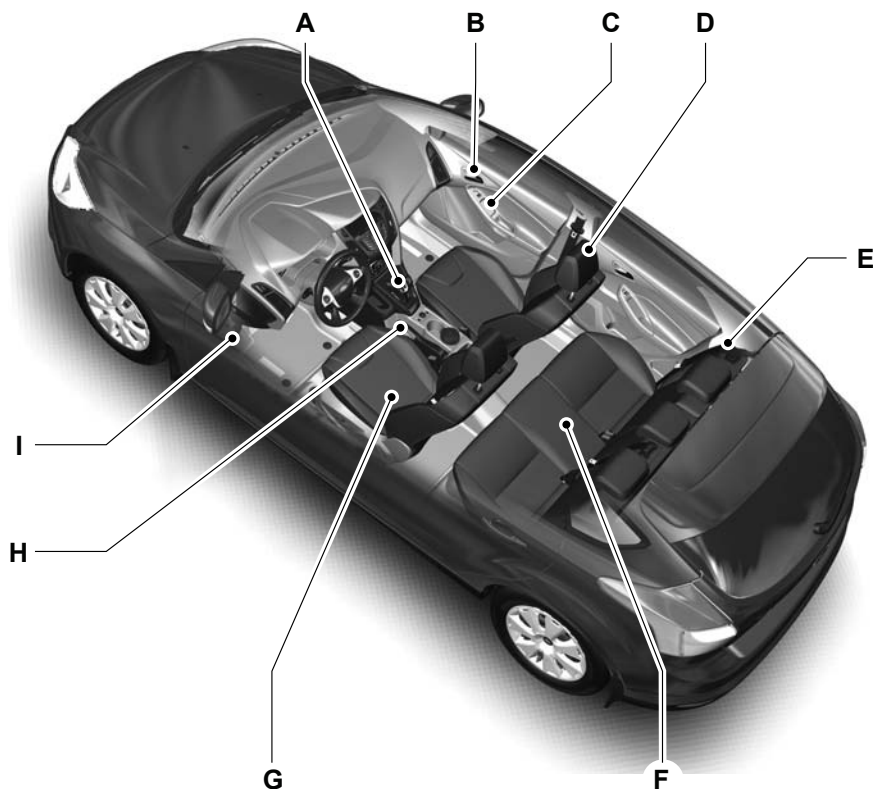
E133220

- A See **Locking and Unlocking** (page 35). See **Keyless Entry** (page 37).
- B See **Autolamps** (page 52). See **Active City Stop** (page 153).
- C See **Checking the Wiper Blades** (page 49).
- D See **Maintenance** (page 173).
- E See **Towing Points** (page 171).
- F See **Changing a Bulb** (page 58).

At a Glance

- G Tire pressures. See **Technical Specifications** (page 194).
- H See **Changing a Road Wheel** (page 188).

Vehicle interior overview



E133222

- A See **Transmission** (page 126).
- B See **Locking and Unlocking** (page 35).
- C See **Power Windows** (page 68). See **Power exterior mirrors** (page 70).
- D See **Head Restraints** (page 108).

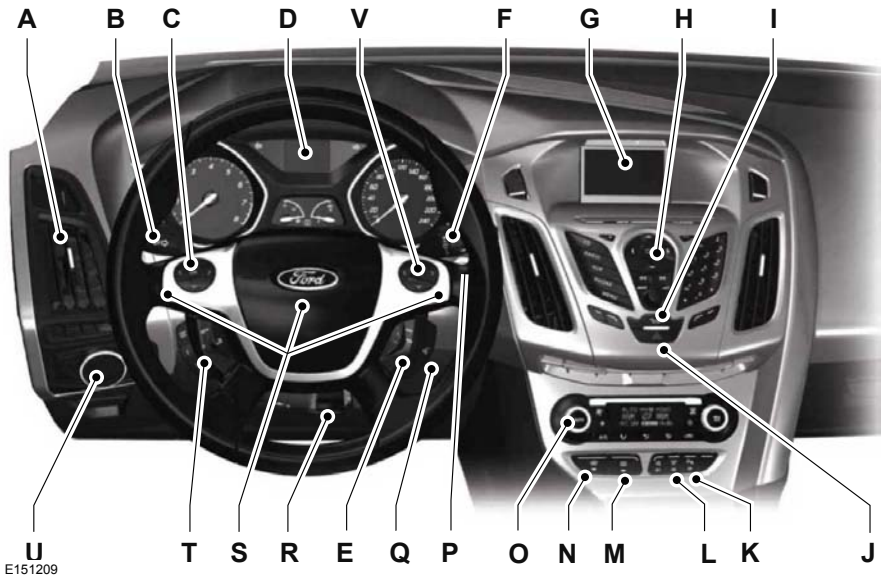
At a Glance

- E See **Fastening the safety belts** (page 29).
- F See **Rear Seats** (page 109).
- G See **Manual Seats** (page 107). See **Power Seats** (page 109).
- H See **Parking Brake** (page 130).
- I See **Opening and Closing the Hood** (page 173).

Instrument panel overview

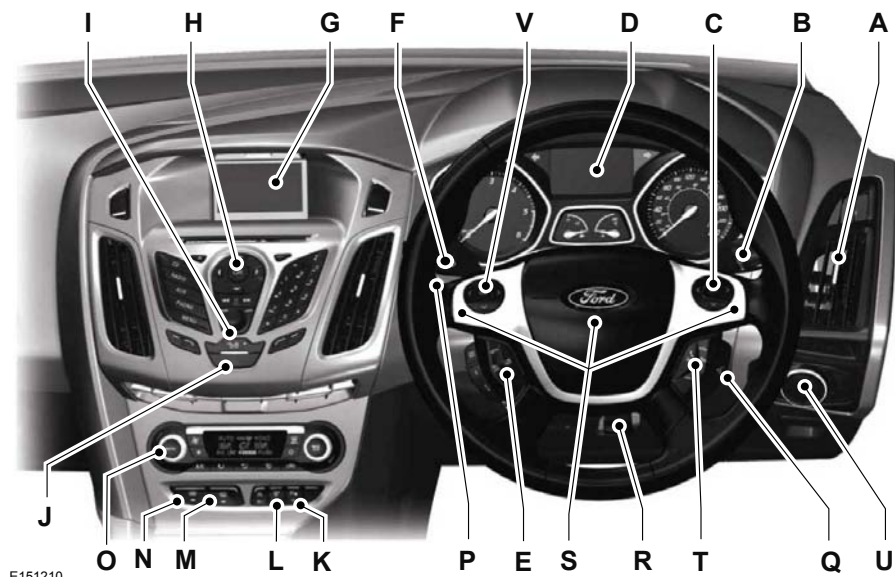
Type 1

Left-hand Drive



At a Glance

Right-hand Drive

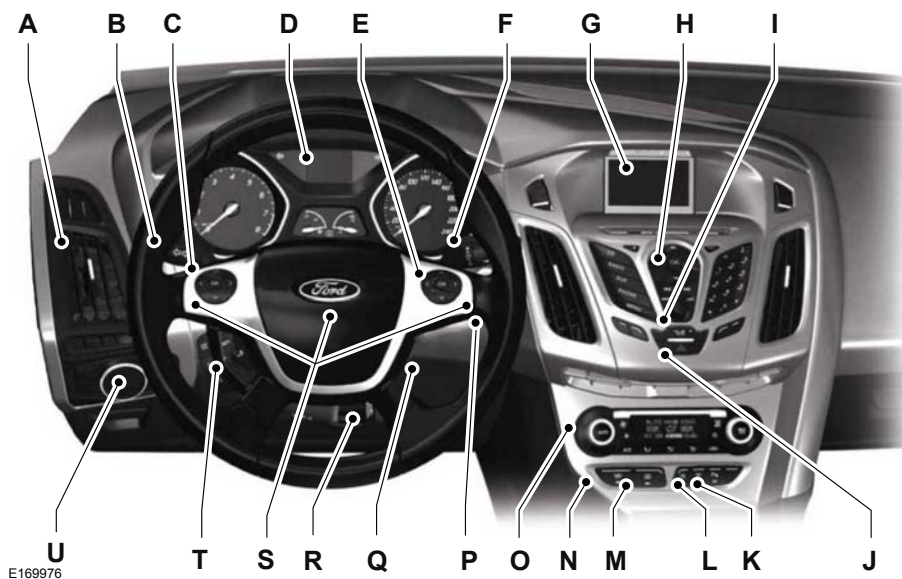


E151210

At a Glance

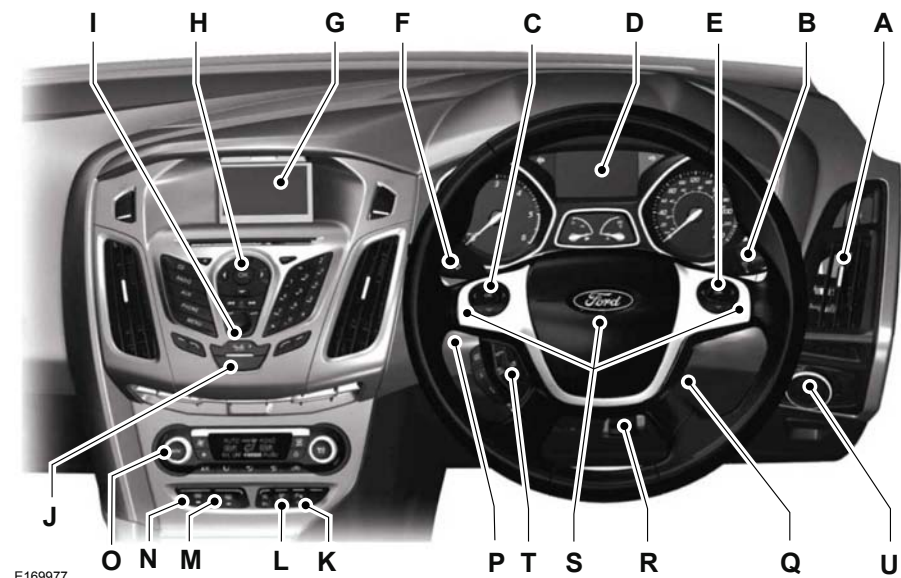
Type 2

Left-hand Drive



At a Glance

Right-hand Drive



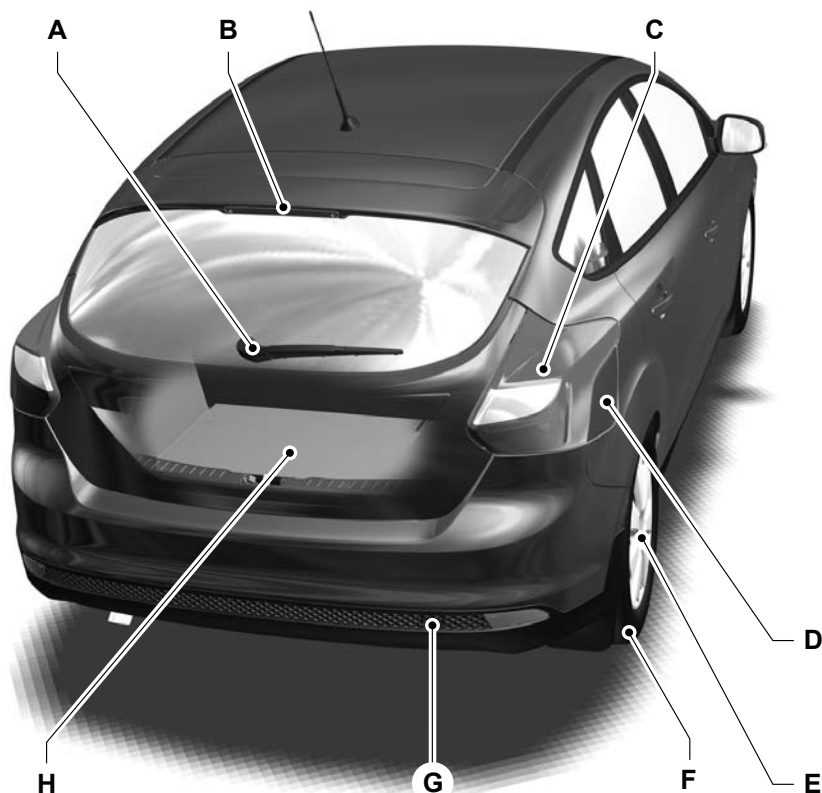
- A Air vents. See **Air Vents** (page 98).
- B Direction indicators. See **Direction Indicators** (page 55). Main beam. See **Lighting Control** (page 51).
- C Information display control. See **Information Displays** (page 80).
- D Instrument cluster. See **Gauges** (page 74). See **Warning Lamps and Indicators** (page 76).
- E Audio control. See **Audio Control** (page 43).
- F Wiper lever. See **Wipers and Washers** (page 46).
- G Information and entertainment display. See **Information Displays** (page 80).
- H Audio unit. See **Audio unit overview** (page 201).
- I Door lock button. See **Locking and Unlocking** (page 35).
- J Hazard warning flasher switch. See **Hazard Warning Flashers** (page 54).
- K Active park assist switch. See **Active Park Assist** (page 142).
- L Parking aid switch. See **Parking Aids** (page 135).

At a Glance

- M Heated rear window switch. See **Heated Windows and Mirrors** (page 104).
- N Heated windshield switch. See **Heated Windows and Mirrors** (page 104).
- O Climate controls. See **Climate Control** (page 98).
- P Start button. See **Keyless Starting** (page 117).
- Q Ignition switch. See **Ignition Switch** (page 115).
- R Steering wheel adjustment. See **Adjusting the Steering Wheel** (page 43).
- S Horn.
- T Cruise control switches. See **Using Cruise Control** (page 145). Adaptive cruise control (ACC) switches. See **Using Adaptive Cruise Control** (page 149). Speed limiter switches. See **Using the speed limiter** (page 152).
- U Lighting control. See **Lighting Control** (page 51). Front fog lamps. See **Front Fog Lamps** (page 54). Rear fog lamp. See **Rear Fog Lamps** (page 54). Headlamp leveling control. Instrument lighting dimmer. See **Instrument Lighting Dimmer** (page 112).
- V Audio control or information and entertainment display control. See **Audio Control** (page 43).

At a Glance

Rear exterior overview



E133221

- A See **Checking the Wiper Blades** (page 49).
- B See **Changing a Bulb** (page 58).
- C See **Changing a Bulb** (page 58).
- D See **Fuel filler door** (page 122).
- E See **Changing a Road Wheel** (page 188).
- F Tire pressures. See **Technical Specifications** (page 194).

At a Glance

- G See **Towing Points** (page 171).
- H See **First Aid Kit** (page 161). See **Warning Triangle** (page 161). Spare wheel. See **Changing a Road Wheel** (page 188). Jack. See **Changing a Road Wheel** (page 188). Wheel brace. See **Changing a Road Wheel** (page 188). Towing eye. See **Towing Points** (page 171). Fuel funnel. See **Fuel filler door** (page 122).

Child Safety

CHILD SEATS



E133140



E68916

WARNINGS

-  Secure children that are less than 150 centimeters (59 inches) tall in a suitable, approved child restraint, in the rear seat.
-  Extreme Hazard! Do not use a rearward facing child restraint on a seat protected by an airbag in front of it!
-  Read and follow the manufacturer's instructions when you are fitting a child restraint.
-  Do not modify child restraints in any way.
-  Do not hold a child on your lap when the vehicle is moving.

WARNINGS

-  Do not leave unattended children in your vehicle.
-  If your vehicle has been involved in an accident, have the child restraints checked by properly trained technicians.

Note: *Mandatory use of child restraints varies from country to country.*

Only child restraints certified to ECE-R44.03 (or later) have been tested and approved for use in your vehicle. A choice of these are available from your Dealer.

Child restraints for different mass groups

Use the correct child restraint as follows:

Baby safety seat



E68918

Secure children that weigh less than 13 kilograms (29 pounds) in a rearward facing baby safety seat (Group 0+) in the rear seat.

Child Safety

Child safety seat



E68920

Secure children that weigh between 13 and 18 kilograms (29 and 40 pounds) in a child safety seat (Group 1) in the rear seat.

CHILD SEAT POSITIONING

WARNINGS



Please consult your Dealer for the latest details relating to Ford recommended child seats.

WARNINGS



Extreme Hazard! Do not use a rearward facing child restraint on a seat protected by an airbag in front of it!



When using a child seat with a support leg, the support leg must rest securely on the floor.



When using a child seat with a safety belt, make sure that the safety belt is not slack or twisted.

CAUTION



The child seat must rest tightly against the vehicle seat. It may be necessary to lift or remove the head restraint. See **Head Restraints** (page 108).

Note: When using a child seat on a front seat, always adjust the front passenger seat to its fully rearwards position. If it proves difficult to tighten the lap section of the safety belt without slack remaining, adjust the seatback to the fully upright position and raise the height of the seat. See **Seats** (page 107).

Child Safety

Seating positions	Mass group categories				
	0	0+	1	2	3
	Up to 10 kg (22 lbs)	Up to 13 kg (29 lbs)	9 - 18 kg (20 - 40 lbs)	15 - 25 kg (33 - 55 lbs)	22 - 36 kg (49 - 79 lbs)
Front passenger seat with airbag ON	X	X	UF ¹	UF ¹	UF ¹
Front passenger seat with airbag OFF	U	U	U	U	U
Rear seats	U	U	U	U	U

X Not suitable for children in this mass group.

U Suitable for universal category child seats approved for use in this mass group.

UF¹ Suitable for universal category forward facing child restraints approved for use in this mass group. However, we recommend that you secure children in a government approved child restraint, in the rear seat.

ISOFIX child seats

Seating positions		Mass group categories	
		0+	1
		Rear facing	Forward facing
		Up to 13 kg (29 lbs)	9 - 18 kg (20 - 40 lbs)
Front seat	Size class	Not ISOFIX equipped	
	Seat type		
Rear outboard seat ISOFIX	Size class	C, D, E*	A, B, B1, C, D*
	Seat type	IL ²	IL, IUF ³

Child Safety

Seating positions		Mass group categories	
		O+	1
		Rear facing	Forward facing
		Up to 13 kg (29 lbs)	9 - 18 kg (20 - 40 lbs)
Rear center seat	Size class	Not ISOFIX equipped	
	Seat type		

IL Suitable for particular ISOFIX child restraints systems of the **semi-universal** category. Please consult child restraints systems suppliers' vehicle recommendation lists.

IUF Suitable for ISOFIX forward facing child restraints systems of **universal** category approved for use in this mass group and ISOFIX size class.

¹The ISOFIX size class for both **universal** and **semi-universal** child restraints systems is defined by the capital letters **A** to **G**. These identification letters are displayed on ISOFIX child restraints.

²At time of publishing the recommended Group O+ ISOFIX baby safety seat is the Britax Roemer Baby Safe. Please consult your Dealer for the latest details relating to Ford recommended child seats.

³At time of publishing the recommended Group 1 ISOFIX child seat is the Britax Roemer Duo. Please consult your Dealer for the latest details relating to Ford recommended child seats.

Child Safety

BOOSTER SEATS

WARNINGS

-  Do not install a booster seat or a booster cushion with only the lap strap of the safety belt.
-  Do not install a booster seat or a booster cushion with a safety belt that is slack or twisted.
-  Do not put the safety 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.
-  Secure children that weigh more than 15 kilograms (33 pounds) but are less than 150 centimeters (59 inches) tall in a booster seat or a booster cushion.

CAUTION

-  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 108).

Booster seat (Group 2)



E70710

We recommend that you use a booster seat that combines a cushion with a backrest instead of a booster cushion only. The raised seating position will allow you to position the shoulder strap of the adult safety belt over the center of your child's shoulder and the lap strap tightly across its hips.

Booster cushion (Group 3)



E68924

Child Safety

ISOFIX ANCHOR POINTS

WARNING

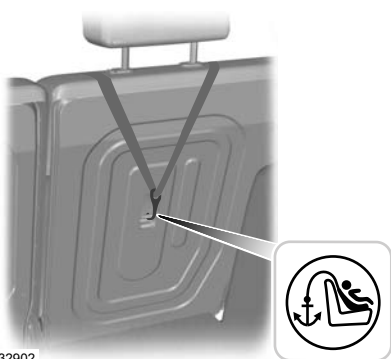
 Use an anti-rotation device when using the ISOFIX system. We recommend the use of a top tether or support leg.

Note: When you are purchasing an ISOFIX restraint, make sure that you know the correct mass group and ISOFIX size class for the intended seating locations. See **Child Seat Positioning** (page 21).

Your vehicle is fitted with ISOFIX anchor points that accommodate universally approved ISOFIX child restraints.

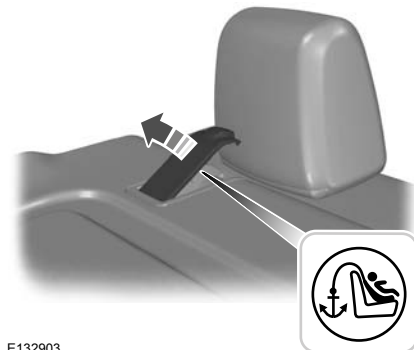
The ISOFIX system comprises of two rigid attachment arms on the child restraint that attach to anchor points on the rear seats, where the cushion and backrest meet. Tether anchor points may also be fitted.

Top tether anchor points - 5-door and wagon



E132902

Top tether anchor points - 4 door



E132903

The tether anchor points are located under a flap.

Attaching a child seat with top tethers

WARNING

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

Note: Where applicable, remove the luggage cover to ease installation. See **Luggage Covers** (page 155).

WARNING

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

1. Route the tether strap to the anchor point.

Child Safety



E87145

2. Push the child seat back firmly to engage the ISOFIX lower anchor points.
3. Tighten the tether strap in line with the child seat manufacturer's instructions.

CHILD SAFETY LOCKS

WARNING



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

Note: On vehicles with keyless entry, use the spare key. See **Keyless Entry** (page 37).



E78298

Left-hand side

Turn counterclockwise to lock and clockwise to unlock.

Right-hand side

Turn clockwise to lock and counterclockwise to unlock.

Occupant protection

PRINCIPLE OF OPERATION

Airbags

WARNINGS



Do not modify the front of your vehicle in any way. This could adversely affect deployment of the airbags.



Original text according to ECE R94.01: Extreme Hazard! Do not use a rearward facing child restraint on a seat protected by an airbag in front of it!



Wear a safety belt and keep sufficient distance between yourself and the steering wheel. Only when you use the safety belt properly, can it hold you in a position that allows the airbag to achieve its optimum effect. See **Sitting in the Correct Position** (page 107).



Have repairs to the steering wheel, steering column, seats, airbags and safety belts carried out by a properly trained technician.



Keep the areas in front of the airbags free from obstruction. Do not affix anything to or over the airbag covers.



Do not poke sharp objects into areas where airbags are fitted. This could damage and adversely affect deployment of the airbags.

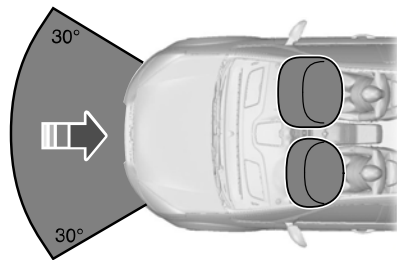


Use seat covers designed for seats with side airbags. Have these fitted by a properly trained technician.

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

Note: Only wipe airbag covers with a damp cloth.

Driver and front passenger airbags



E74302

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

Side airbags



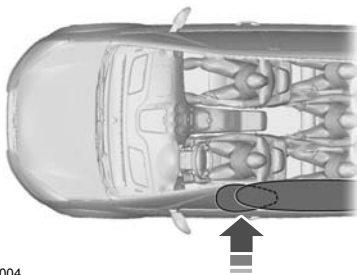
E72658

Side airbags are fitted inside the seatback of the front seats. A label indicates that side airbags are fitted to your vehicle.

Occupant protection

The side airbags will deploy during significant lateral collisions. Only the airbag on the side affected by the collision will deploy. The airbags will inflate within a few thousandths of a second and deflate on contact with the occupants, thus providing protection for the chest and shoulder areas. During minor lateral collisions, overturns, front collisions and rear collisions, the side airbags will not deploy.

Curtain airbags



E75004

Curtain airbags are fitted inside the trim panels over the front and rear side windows. Moulded badges in the B-pillar trim panels indicate that curtain airbags are fitted to your vehicle.

The curtain airbags will deploy during significant lateral collisions. Only the airbag on the side affected by the collision will deploy. The airbag will inflate within a few thousandths of a second and deflate on contact with the occupants, thus providing protection for the head. During minor lateral collisions, front collisions, rear collisions, or overturns the curtain airbags will not deploy.

Safety belts

WARNINGS

-  Wear a safety belt and keep sufficient distance between yourself and the steering wheel. Only when you use the safety belt properly, can it hold you in a position to achieve its optimum effect. See **Sitting in the Correct Position** (page 107).
-  Never use a safety belt for more than one person.
-  Use the correct buckle for each safety belt.
-  Do not use a safety belt that is slack or twisted.
-  Do not wear thick clothing. The safety belt must fit tightly around your body to achieve its optimum effect.
-  Position the shoulder strap of the safety belt over the centre of your shoulder and position the lap strap tightly across your hips.

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

Status after a collision

WARNING

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

Occupant protection

FASTENING THE SAFETY BELTS

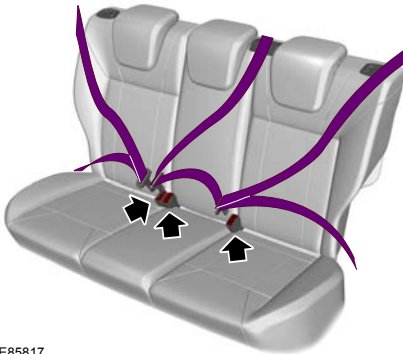
WARNING



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



E74124



E85817

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

Press the red button on the buckle to release the belt. Let it retract completely and smoothly.

SAFETY BELT HEIGHT ADJUSTMENT



E87511

Note: *Lifting the slider slightly while pressing the locking button makes it easier to release the locking mechanism.*

To raise or lower, press the locking button on the adjuster and move as necessary.

BELT MINDER

WARNING



The occupant protection system will only provide optimum protection when you use the safety belt properly.

Occupant protection

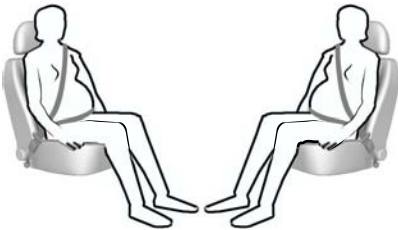


The safety belt minder warning lamp illuminates and an audible warning will sound if the driver's or front seat passenger's safety belt has not been fastened and the vehicle exceeds a relatively low speed. It will also illuminate if the driver's or front seat passenger's safety belt is unfastened when the vehicle is moving. The audible warning will go off after five minutes but the safety belt reminder warning lamp will remain on until the driver or front seat passenger safety belt is fastened.

Deactivating the safety belt minder

See your dealer.

USING SAFETY BELTS DURING PREGNANCY



E68587

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.

Position the lap strap comfortably across your hips and low beneath your pregnant abdomen. Position the shoulder strap between your breasts, above and to the side of your pregnant abdomen.

DISABLING THE PASSENGER AIRBAG

WARNING



Make sure that the passenger airbag is disabled when using a rearward facing child restraint on the front passenger seat.



E71313

Fitting the passenger airbag deactivation switch

WARNING



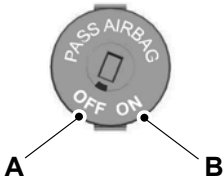
If you need to fit a child restraint on a seat protected by an operational airbag in front of it, have a passenger airbag deactivation switch fitted. Ask your dealer for further information.

Note: The key switch is located in the glove compartment with an airbag deactivation lamp in the overhead console.

If the airbag warning lamp illuminates or flashes when you are driving, this indicates a malfunction. See **Warning Lamps and Indicators** (page 76). Remove the child restraint and have the system checked immediately.

Occupant protection

Disabling the passenger airbag



E71312

A Disabled

B Enabled

Turn the switch to position **A**.

When you switch the ignition on, check that the passenger airbag deactivation warning lamp illuminates.

Enabling the passenger airbag

WARNING



Make sure that the passenger airbag is enabled when you are **not** using a child restraint on the front passenger seat.

Turn the switch to position **B**.

Keys and Remote Controls

GENERAL INFORMATION ON RADIO FREQUENCIES

CAUTIONS

⚠ 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.

⚠ Check your vehicle is locked before leaving it unattended. This will safeguard against any potential malicious frequency blocking.

Note: You could unlock the doors if you press the buttons on the remote control unintentionally.

The operating range between your remote control and your vehicle varies depending on the environment.

PROGRAMMING THE REMOTE CONTROL

You can program a maximum of eight remote controls to use with your vehicle (including any supplied with your vehicle).

Programming a new remote control

1. Insert the key in the ignition.
2. Cycle the key from position **0** to **II** and then back to **0** four times within six seconds.
3. Leave the key in position **0** and press any button on the remote control within 10 seconds. You will receive confirmation via a chime or LED that programming has been successful.

Note: Further remote controls may be programmed at this stage.

4. Press any button on each additional remote control within 10 seconds of each other.

Reprogramming the unlocking function

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

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

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

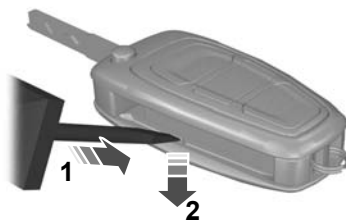
CHANGING THE REMOTE CONTROL BATTERY



Make sure that you dispose of old batteries in an environmentally friendly way.

Seek advice from your local authority regarding recycling.

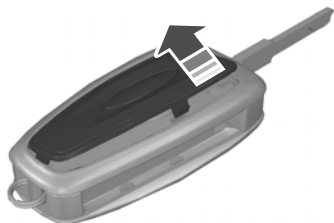
Remote control with a folding key blade



E128809

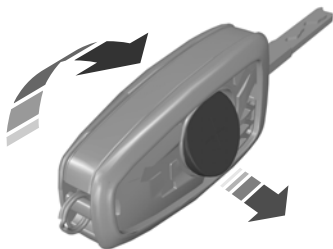
Keys and Remote Controls

1. Insert a screwdriver in the position shown and gently push the clip.
2. Press the clip down to release the battery cover.



E128810

3. Carefully remove the cover.



E128811

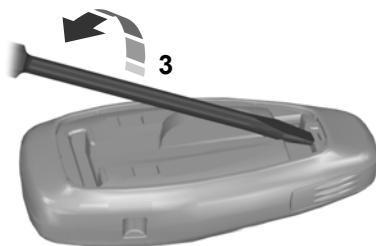
4. Turn the remote control over to remove the battery.
5. Install a new battery (3V CR 2032) with the + facing upwards.
6. Replace the battery cover.

Remote control without a folding key blade



E87964

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



E105362

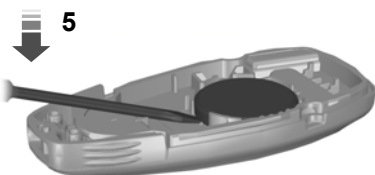
3. Twist a flat bladed screwdriver in the position shown to separate the two halves of the remote control.

Keys and Remote Controls



E119190

4. Carefully insert the screwdriver in the position shown to open the remote control.



E125860

CAUTION



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

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

Locks

LOCKING AND UNLOCKING

CAUTION



Check your vehicle is locked before leaving it unattended.

Note: Do not leave your keys in the vehicle.

Locking

Locking with the key

Turn the top of the key towards the front of the vehicle.

Locking with the remote control

Note: The driver's door can be locked with the key. This needs to be used if the remote control is not functioning.

Note: Your vehicle can be locked with a rear door open. The door will be locked when it is closed.



Press the button.

Double locking

WARNING



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

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

Note: Your vehicle can be double locked with a rear door open. The door will be double locked when it is closed.

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

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 towards the rear of the vehicle.

Unlocking with the remote control

Note: The driver's door can be unlocked with the key. This needs to be used if the remote control is not functioning.

Note: If the vehicle remains locked for several weeks, the remote control will be disabled. The vehicle must be unlocked and the engine started using the key. Unlocking and starting the vehicle once will enable the remote control.



Press the button.

Automatic relocking

The doors will relock automatically if you do not open a door, the luggage compartment lid, or turn on the ignition within 45 seconds of unlocking the doors with the remote control. The doors lock and the alarm will return to its previous state.

Reprogramming the unlocking function

The unlocking function may be reprogrammed so that only the driver's door is unlocked (See **Programming the remote control** (page 32).).

Locks

Locking and unlocking confirmation

Note: If your vehicle has double locking, the direction indicators will flash once after you have activated central locking, followed by two further flashes after double locking.

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

When you double lock the doors, the direction indicators will flash three times.

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

Locking and unlocking the doors from inside



Press the button. For item location: See **At a Glance** (page 11).

Luggage compartment lid

Opening the luggage compartment lid with the remote control



Press the button twice within three seconds.

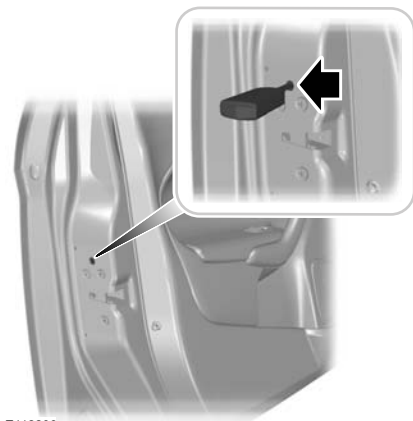
Closing the luggage compartment lid



E133536

Locking the doors individually with the key

Note: If the central locking function fails to operate, the doors can be individually locked using the key in the position shown.



E112203

Left-hand side

Turn clockwise to lock.

Right-hand side

Turn counterclockwise to lock.

Unlocking

Note: If the child safety locks have also been activated, pulling the internal lever will only deactivate the emergency locking and not the child safety lock. The doors can only be opened using the external door handle.

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

Unlock the driver's door using the key. The other doors can be unlocked individually by pulling the interior door handles on those doors.

Locks

KEYLESS ENTRY

General information

WARNING



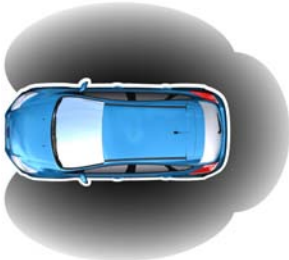
The keyless entry system may not function if the key is close to metal objects or electronic devices such as cell phones.

The passive entry system will not function if:

- The vehicle battery is flat.
- The passive key frequencies are jammed.
- The passive key battery is flat.

Note: If the passive entry system does not function, you will need to use the key blade to lock and unlock your vehicle.

The keyless system allows the driver to operate the vehicle without the use of a key or remote control.



E78276

Passive locking and unlocking requires a valid passive key to be located within one of the three external detection ranges. These are located approximately one and a half meters from the driver and front passenger door handles and the luggage compartment lid.

Passive key

The vehicle can be locked and unlocked with the passive key. The passive key can also be used as a remote control. See **Locking and Unlocking** (page 35).

Locking the vehicle

WARNING

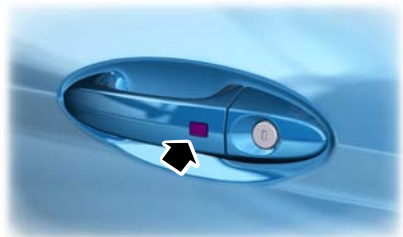


The vehicle does not lock itself automatically. If the locking function is not activated, the vehicle will remain unlocked.

Note: The ignition will automatically switch off when you lock your vehicle from the outside. This is to prevent the vehicle battery from discharging.

Note: Do not grab the door handle.

Note: Keep the door handle surface clean to make sure the system operates correctly.



E87384

Touch a front door handle lock sensor to lock the vehicle.

To activate central locking and arm the alarm:

- Touch a front door handle lock sensor once.

To activate double locking and arm the alarm:

- Touch a front door handle lock sensor twice within three seconds.

Locks

Note: There must be clearance between each touch of the door handle.

Note: Once activated, the vehicle will remain locked for a few seconds. When the delay period is over, the doors can be opened again, provided the passive key is within the respective detection range.

Two short flashes of the direction indicators confirms that all the doors and the luggage compartment lid have been locked and that the alarm has been armed.

Luggage compartment lid

Note: The luggage compartment lid cannot be closed and, will pop back up if the passive key is located inside the vehicle with the doors locked.

Note: If a second valid passive key is located within the rear exterior detection range, the luggage compartment lid can be closed.

Unlocking the vehicle

Note: If the vehicle remains locked for longer than three days, the keyless system will enter an energy-saving mode. This is to reduce the discharge of the vehicle battery. When the vehicle is unlocked while in this mode, the reaction time of the system may be a little longer than normal. Unlocking the vehicle once will deactivate the energy-saving mode.

Note: If the vehicle remains locked for several weeks, the keyless system will be disabled. The vehicle must be unlocked using the key blade. Unlocking the vehicle once will enable the keyless system.

Note: Do not touch the front door handle lock sensor when opening a door.



E78278

Open any door.

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

One long flash of the direction indicators confirms that all the doors and the luggage compartment lid have been unlocked and that the alarm has been disarmed.

Unlocking only the driver's door

If the unlocking function is reprogrammed so that only the driver's door and the luggage compartment lid are unlocked (See **Programming the remote control** (page 32).), note the following:

If the driver's door is the first door which is opened, the other doors will remain locked. All the other doors can be unlocked from inside the vehicle by pressing the unlock button on the instrument panel. For item location: See **At a Glance** (page 11). Doors can be unlocked individually by pulling the interior door handles on those doors.

Disabled keys

Any keys left inside the vehicle interior when it is locked will be disabled.

A disabled key cannot be used to turn the ignition on or start the engine.

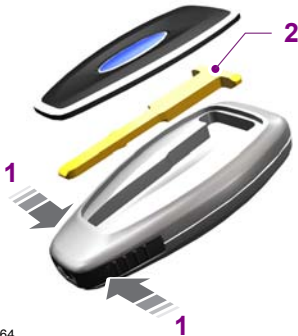
In order to use these passive keys again, they have to be enabled.

Locks

To enable all your passive keys, unlock the vehicle using a passive key or the remote control unlocking function.

All passive keys will then be enabled if the ignition is turned on or the vehicle is started using a valid key.

Locking and unlocking the doors with the key blade



E87964

1. Carefully remove the cover.
2. Remove the key blade and insert it into the lock.

Note: Only the driver's door handle is fitted with a lock cylinder.

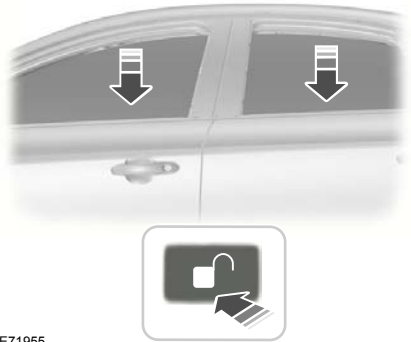
GLOBAL OPENING AND CLOSING

You can also operate the power windows with the ignition off via the global opening and global closing function.

Note: Global opening will only operate for a short period of time after you have unlocked your vehicle using the remote control.

Note: Global closing will only operate if you have set the memory correctly for each window. See **Power Windows** (page 68).

Global opening



E71955

To open all the windows, press and hold the remote control **unlock** button for at least three seconds. Press the lock or unlock button to stop the opening function.

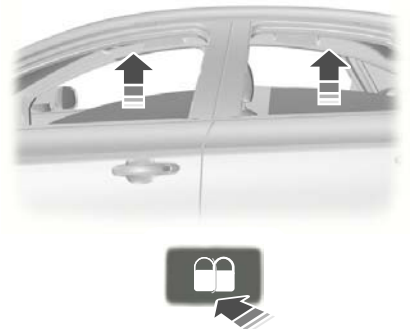
Global closing

Vehicles without keyless entry

WARNING



Take care when using global closing. In an emergency, press the lock or unlock button immediately to stop.

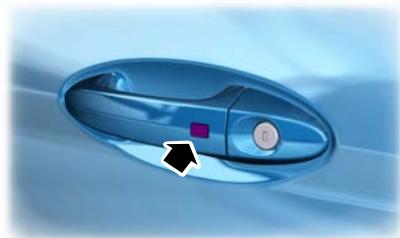


E71956

Locks

To close all the windows, press and hold the remote control **lock** button for at least three seconds. Press the lock or unlock button to stop the closing function. The anti-trap function is also active during global closing.

Vehicles with keyless entry



E87384

WARNING



Take care when using global closing. In an emergency, touch a door handle lock sensor to stop.

Note: Global closing can be activated using the driver's door handle. Global opening and closing can also be activated using the buttons on the passive key.

To close all the windows, press and hold the driver's door handle for at least two seconds. The anti-trap function is also active during global closing.

Engine immobilizer

PRINCIPLE OF OPERATION

The engine immobilizer is a theft protection system that prevents someone from starting the engine with an incorrectly coded key.

CODED KEYS

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

Note: *Have all of your remaining keys erased and recoded if you lose a key. Ask your dealer for further information. Have replacement keys recoded together with your existing keys.*

If you lose a key, you can obtain a replacement from your Ford Dealer. If possible, provide them with the key number from the tag provided with the original keys. You can also obtain additional keys from your Ford Dealer.

ARMING THE ENGINE IMMOBILIZER

The engine immobilizer is armed automatically a short time after you have switched the ignition off.

DISARMING THE ENGINE IMMOBILIZER

The engine immobilizer is disarmed automatically when you switch the ignition on with a correctly coded key.

Alarm

PRINCIPLE OF OPERATION

Alarm system

Your vehicle may be equipped with the following alarm system:

- 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.

Triggering the alarm

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

- If someone opens a door, the tailgate or the hood without a valid key or remote control.
- If someone removes the audio or navigation system.
- If the ignition is turned to position **I**, **II** or **III** without a valid key.

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

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

Information messages

See **Information Messages** (page 88).

ARMING THE ALARM

To arm the alarm, lock the vehicle. See **Locks** (page 35).

DISARMING THE ALARM

Vehicles without keyless entry

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 or the luggage compartment lid with the remote control.

Vehicles with keyless entry

Note: A valid passive key must be located within the detection range of that door for keyless entry. See **Keyless Entry** (page 37).

Perimeter alarm

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

Steering Wheel

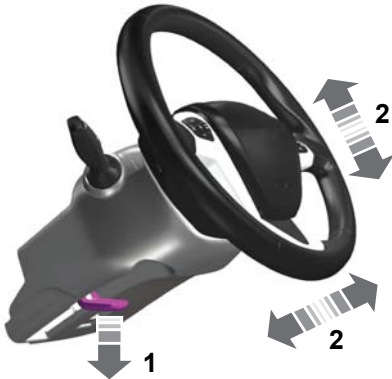
ADJUSTING THE STEERING WHEEL

WARNING



Never adjust the steering wheel when the vehicle is moving.

Note: Make sure that you are sitting in the correct position. See **Sitting in the Correct Position** (page 107).



E95178



E95179

WARNING



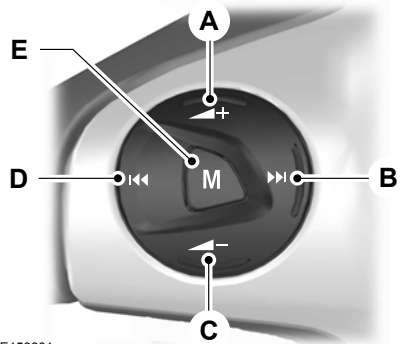
Make sure that you fully engage the locking lever when returning it to its original position.

AUDIO CONTROL

Select the required source on the audio unit.

The following functions can be operated with the remote control:

Type 1



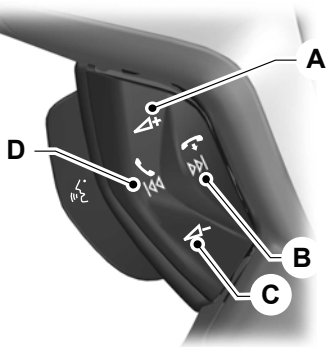
E153801

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

Press the mode button to select the audio source.

Steering Wheel

Type 2



E153802

- 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

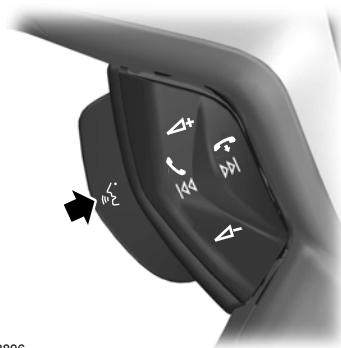
Type 1

Left hand drive



E129464

Right hand drive



E153806

Pull the button to select or deselect voice control.

Steering Wheel

Type 2

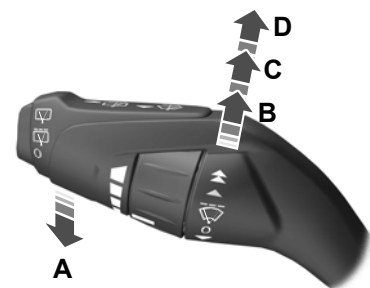


E159531

Press the button to select or deselect voice control.

Wipers and Washers

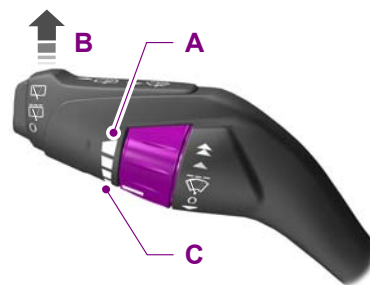
WINDSHIELD WIPERS



E153810

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

Intermittent wipe



E153811

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

The rotary control can be used to adjust the intermittent wipe interval.

Automatic wiper system

Some models without autowipers are fitted with a speed-dependent front windshield wiper system.

When the vehicle is slowed to walking speed or is brought to a standstill, the wiper speed will automatically switch to the next lower wiper speed setting.

When the vehicle speed is increased, the wiper speed will return to the manually-chosen setting.

Moving the wiper lever when the system is operating will switch off the system.

If the vehicle is again slowed to walking speed or is brought to a standstill, the system is reactivated.

AUTOWIPERS

CAUTIONS

! Do not switch autowipers on in dry weather conditions. The rain sensor is very sensitive and the wipers may operate if dirt, mist or insects hit the windshield.

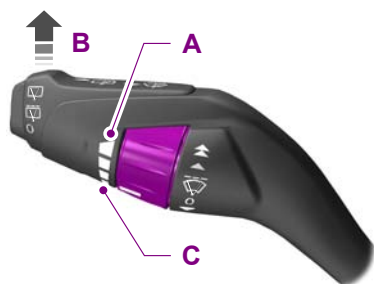
! Replace the wiper blades as soon as they begin to leave bands of water and smears. If you do not replace them, the rain sensor will continue to detect water on the windshield and the wipers will operate, even though the majority of the windshield is dry.

! Fully defrost the windshield in icy conditions before you switch autowipers on.

! Switch autowipers off before you enter a car wash.

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

Wipers and Washers



E153811

- A High sensitivity
- B On
- C Low sensitivity

If you switch autowipers on, the wipers will not cycle until water is detected on the windshield. The rain sensor will then continuously measure the amount of water on the windshield and adjust the speed of the wipers automatically.

Adjust the sensitivity of the rain sensor using the rotary control. With low sensitivity, the wipers will operate when the sensor detects a lot of water on the windshield. With high sensitivity, the wipers will operate if the sensor detects a small amount of water on the windshield.

WINDSHIELD WASHERS



E153812

WARNING



Do not operate the washer for more than 10 seconds at a time, and never when the reservoir is empty.

Whilst the lever is pulled towards the steering wheel the washer will work in conjunction with the wipers.

After releasing the lever, the wipers operate for a short time.

Wipers and Washers

REAR WINDOW WIPER AND WASHERS

Intermittent wipe



E153813

- A Intermittent wipe
- B Low speed wipe

Press the button at the end of the lever to change between off, intermittent and low speed.

Reverse gear wipe

The rear wiper will be activated automatically when selecting reverse gear if the rear wiper is not already switched on and the front wiper is operating.

Rear window washer



E153814

WARNING



Do not operate the washer for more than 10 seconds at a time, and never when the reservoir is empty.

While the lever is pushed away from the steering wheel the washer will work in conjunction with the wipers.

After releasing the lever, the wipers operate for a short time.

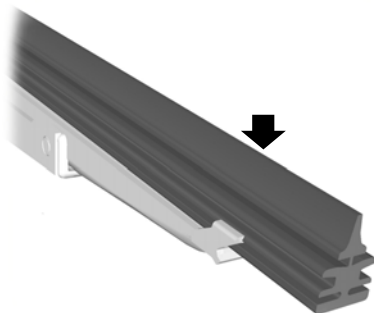
HEADLAMP WASHERS

The headlamp washers will operate with the windshield washers when the headlamps are on.

Note: *To stop the washer fluid reservoir emptying quickly, the headlamp washers will not operate every time that you use the windshield washers.*

Wipers and Washers

CHECKING THE WIPER BLADES



E66644

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

Clean the wiper blade lips with water applied with a soft sponge.

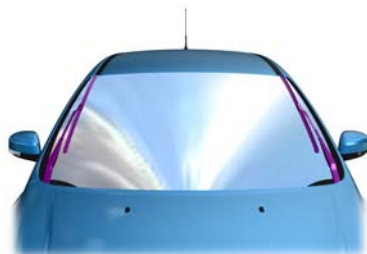
CHANGING THE WIPER BLADES

Windshield wiper blades

CAUTIONS

- ⚠ Set the windshield wipers in the service position to change the wiper blades.
- ⚠ You can use the service position in winter to provide easier access to the wiper blades for freeing them from snow and ice. The windshield wipers will return to their normal position as soon as you switch on the ignition so make sure that the outside of the windshield is free from snow and ice before you switch on the ignition.

Service position



E75184

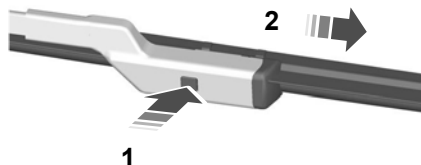


E153815

Switch off the ignition and move the wiper lever to position **A** within three seconds. Release the lever when the windshield wipers have moved to the service position.

Changing the windshield wiper blades

Set the windshield wipers in the service position and lift the wiper arms.



E72899

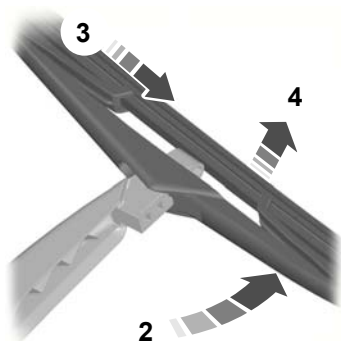
Wipers and Washers

Install in the reverse order.

Note: Make sure that the wiper blade locks into place.

Rear window wiper blade

1. Lift the wiper arm.



E86456

2. Position the wiper blade at right angles to the wiper arm.
3. Disengage the wiper blade from the wiper arm.
4. Remove the wiper blade.

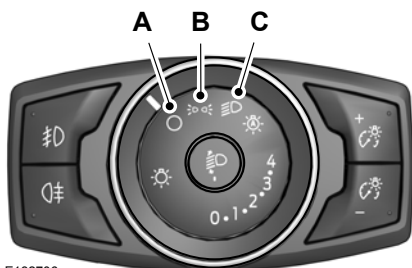
Note: Make sure that the wiper blade locks into place.

5. Install in the reverse order.

Lighting

LIGHTING CONTROL

Lighting control positions



E132706

- A Off
- B Side and tail lamps
- C Headlamps

Parking lamps

WARNING



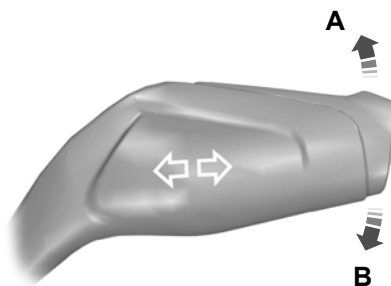
Prolonged use of the parking lamps will discharge the battery.

Switch off the ignition.

Both sides

Turn the lighting control switch to position **B**.

One side



E153816

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

High and low beam



E153817

Push the lever forward to switch between high and low beam.

Headlamp flasher

Pull the lever slightly towards the steering wheel.

Home safe lighting

Switch the ignition off and pull the direction indicator lever towards the steering wheel to switch the headlamps on. You will hear a short tone. The headlamps will go off automatically after three minutes with any door open, or 30 seconds after the last door has been closed.

The home safe lights can be canceled by either pulling the direction indicator lever towards the steering wheel again or by turning the ignition switch ON.

AUTOLAMPS

WARNING



In severe weather conditions, it may be necessary to switch your headlamps on manually.

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

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



E132707

The headlamps will come on and go off automatically depending on the ambient light.

The headlamps will remain on for a period of time after you switch the ignition off. You can adjust the time delay using the information display. See **Information Displays** (page 80).

AUTOMATIC HIGH BEAM CONTROL

WARNINGS



The system does not relieve you of your responsibility to drive with due care and attention. A manual override may be necessary if the system fails to switch the main beam on or off.



A manual override may be required when approaching other road users such as cyclists.



Do not use the system in fog.

CAUTIONS



In cold and severe weather conditions the system may not function. A manual override may be necessary in these cases.



Reflective road signs may be detected as oncoming traffic and the headlamps may be switched to low beam.



If the lights of oncoming vehicles are hidden by obstacles (for example guard rails) the system may not deactivate the high beam.



Always fit Ford Original Parts when replacing headlamp bulbs. Other bulbs may reduce system performance.



Check and replace wiper blades regularly to ensure the camera sensor has a clear view through the windscreen. Replacement wiper blades must be the correct length.

Lighting

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

The system will automatically switch on main beam if it is dark enough and no other traffic is present. If it detects an approaching vehicle's headlamps or tail lamps, or street lighting ahead the system will switch off main beam before it can distract other road users. Dipped beams will remain on.

A camera sensor is centrally mounted behind the windshield of the vehicle, and monitors conditions continuously to decide when to switch the high beam off and on.

Once the system is active the high beam will switch on if:

- It is dark enough to require the use of high beams and
- there is no traffic or street lighting ahead and
- vehicle speed is greater than 40 km/h (25 mph).

The high beam will switch off if:

- The ambient light is high enough that high beam is not required.
- An approaching vehicle's headlamps or tail lamps are detected.
- Street lighting is detected.
- Vehicle speed falls below 25 km/h (16 mph).
- The camera sensor is too hot or becomes blocked.

Activating the system

Switch on the system using the information display and autolamps. See **Information Displays** (page 80). See **Autolamps** (page 52).



E132707

Turn the switch to the autolamps position.

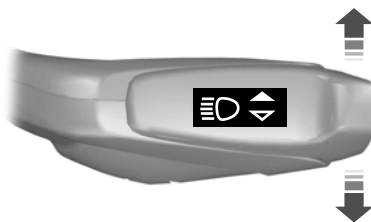
Note: The system may take a short time to initialize after first switching the ignition on, especially in very dark conditions. The high beam will not automatically switch on during this period.

Setting the system sensitivity

The system has three sensitivity levels which can be accessed via the information display. See **Information Displays** (page 80).

The sensitivity determines the speed at which the high beam will be restored after detected traffic leaves the field of view.

Manually overriding the system



E153841

Push or pull the lever to switch between high and low beam.

Note: This is a temporary override and the system will return to automatic operation after a short period.

Lighting

To permanently deactivate the system use the information display menu or turn the lighting control switch from autolamps to headlamps.

FRONT FOG LAMPS

WARNING



Only use the front fog lamps when visibility is considerably restricted by fog, snow or rain.



E132710

ADJUSTING THE HEADLAMPS - VEHICLES WITH: ADAPTIVE FRONT LIGHTING/HIGH INTENSITY DISCHARGE HEADLAMPS

To adjust the headlamps for driving on the left or right hand side of the road, see your dealer.



E132709

REAR FOG LAMPS

WARNINGS



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



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

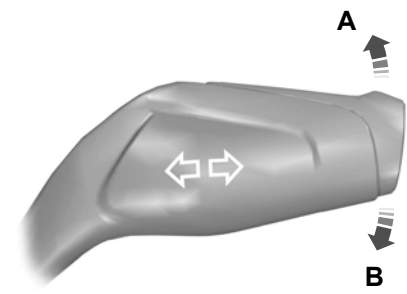


For item location: See **At a Glance** (page 11).

Lighting

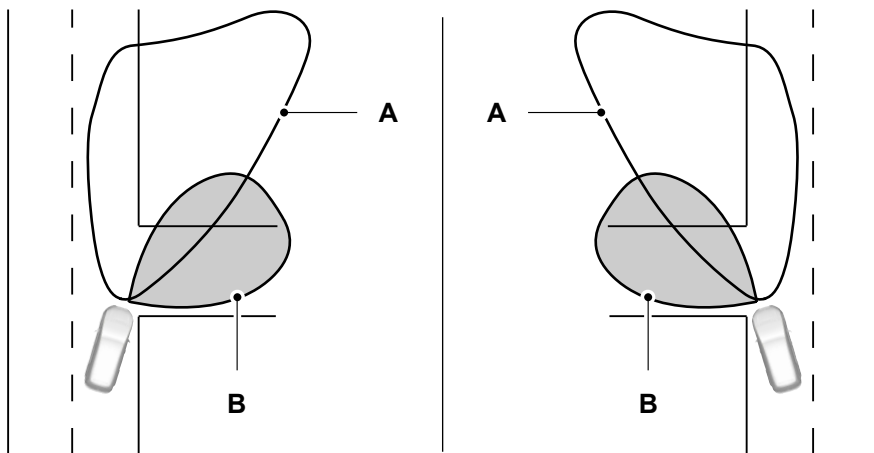
DIRECTION INDICATORS

Note: Tap the lever up or down to make the direction indicators flash only three times.



E153816

CORNERING LAMPS



E72898

- A Headlamp beam
- B Cornering lamp beam

Lighting

The cornering lamps illuminate the inside of a corner when you are turning.

INTERIOR LAMPS

Interior lighting

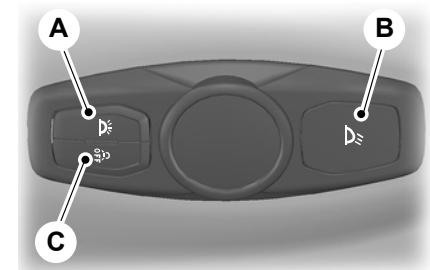
Note: Individual lamps may be switched on independently, but not off if all lamps have been switched on by the driver.

Note: All other lamps will be either non-switchable or with individual reading or dome lamp functionality only.

The lamps will come on when you unlock or open a door or the luggage compartment lid. If you leave a door open with the ignition switch off, all lamps will go off automatically after some time to prevent the vehicle battery from discharging. To switch them back on, switch on the ignition for a short time.

Side mounted lamp

Type 1



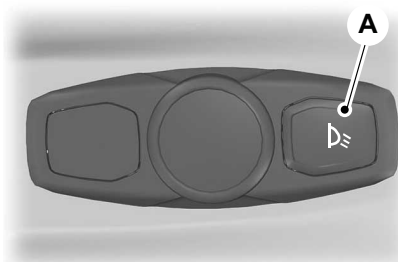
E142360

- A All lamps on and off switch
- B Reading lamp on and off switch
- C Door function switch

If you press switch **C** all lamps remain off when the door is opened. Press the switch again to reverse.

You can control all lamps using switch **A**.

Type 2

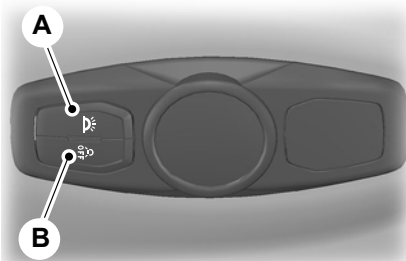


E141580

- A Reading lamp on and off switch

Center mounted lamp

Type 1



E142361

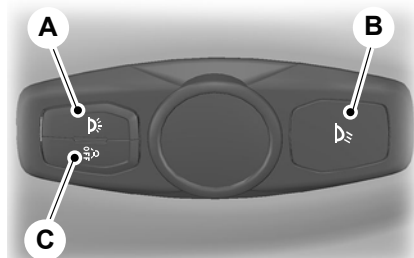
- A All lamps on and off switch
- B Door function switch

If you press switch **B** all lamps remain off when the door is opened. Press the switch again to reverse.

You can control all lamps using switch **A**.

Lighting

Type 2



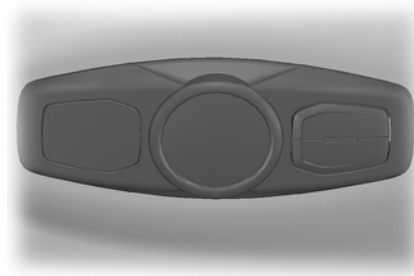
E142360

- A All lamps on and off switch
- B Reading lamp on and off switch
- C Door function switch

If you press switch **C** all lamps remain off when the door is opened. Press the switch again to reverse.

You can control all lamps using switch **A**.

Type 3



E144114

Ambient lighting

If you leave a door open with the ignition switch off, the ambient lamp will go off automatically after some time to prevent the vehicle battery from discharging.

If dark, the ambient lights are active if the ignition and headlamps are switched on.

Ambient lighting illuminates several areas, for example footwells, cup holders and doors with a single color and can be switched on and off using the information display menu. See **General Information** (page 80).

Use the instrument lighting dimmer switches to adjust to the desired brightness. See **Instrument Lighting Dimmer** (page 112).

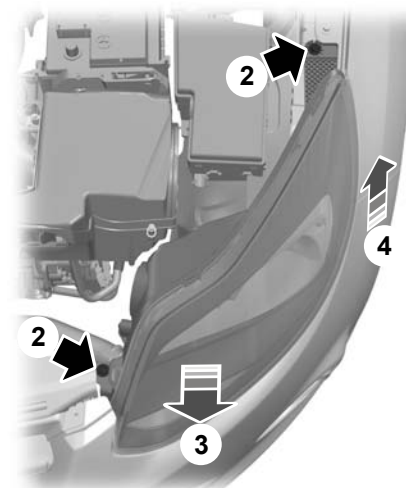
REMOVING A HEADLAMP

WARNING



Have Xenon bulbs changed by a trained technician. There is a risk of electric shock.

1. Open the hood. See **Opening and Closing the Hood** (page 173).

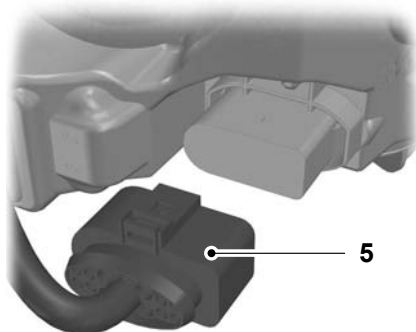


E133215

2. Remove the screws.

Lighting

3. Pull the headlamp as far as possible towards the front of the vehicle to disengage it from the lower fixing point.
4. Lift the outer side of the headlamp and remove it.



E133750

5. Disconnect the electrical connector.

Note: When fitting the headlamp, make sure that you reconnect the electrical connector properly.

Note: When fitting the headlamp, make sure that you fully engage the headlamp in the lower fixing point.

Note: When fitting the headlamp, make sure that the screw is located in the headlamp molding before you install it.

CHANGING A BULB

WARNINGS



Switch the lights and the ignition off.



Let the bulb cool down before removing it.



Have Xenon bulbs changed by a properly trained technician. There is a risk of electric shock.

CAUTIONS



Do not touch the glass of the bulb.

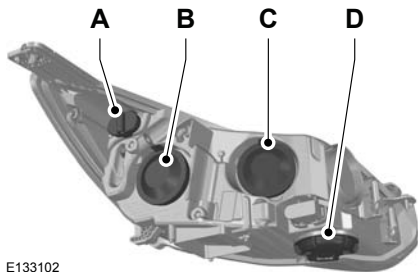


Only fit bulbs of the correct specification. See **Bulb Specification Chart** (page 66).

Note: The following instructions describe how to remove the bulbs. Fit replacements in the reverse order unless otherwise stated.

Headlamp

Note: Remove the covers to gain access to the bulbs.



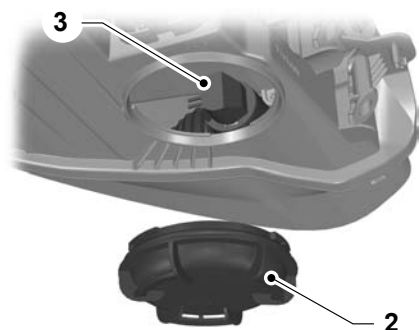
E133102

- A Side lamp
- B Headlamp dipped beam
- C Headlamp main beam
- D Direction indicator

Direction indicator

1. Remove the headlamp. See **Removing a Headlamp** (page 57).

Lighting



E133104

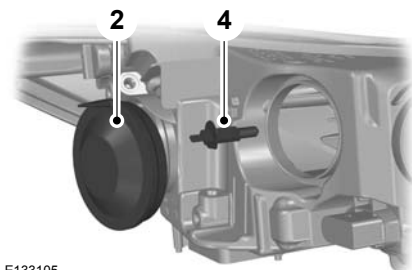
2. Remove the cover.
3. Turn the bulb holder counterclockwise and remove it.
4. Gently press the bulb into the bulb holder, turn it counterclockwise and remove it.

Headlamp main beam

CAUTION

- ! Do not touch the glass of the bulb.

1. Remove the headlamp. See **Removing a Headlamp** (page 57).



E133105

2. Remove the cover.
3. Disconnect the electrical connector.

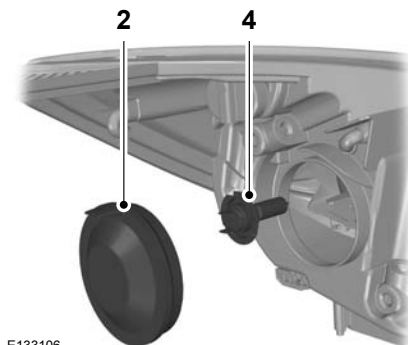
4. Release the clip and remove the bulb.

Headlamp dipped beam

CAUTION

- ! Do not touch the glass of the bulb.

1. Remove the headlamp. See **Removing a Headlamp** (page 57).



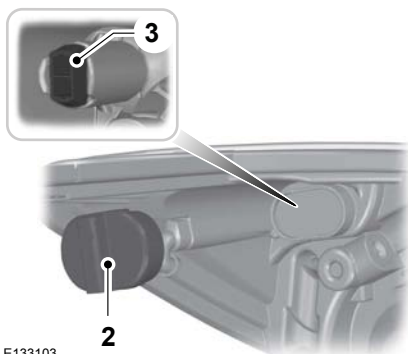
E133106

2. Remove the cover.
3. Disconnect the electrical connector.
4. Release the clip and remove the bulb.

Side Lamp

1. Remove the headlamp. See **Removing a Headlamp** (page 57).

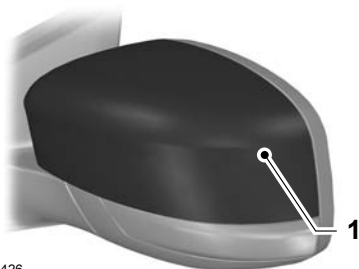
Lighting



E133103

2. Remove the cover.
3. Remove the bulb holder.
4. Remove the bulb.

Side repeater



E133426

1. Carefully remove the cover.



E133427

2. Using a suitable implement release the retaining clip.



E133108

3. Carefully remove the side repeater.

Lighting



E133109

4. Remove the bulb holder.
5. Remove the bulb.

Approach lamp

CAUTION



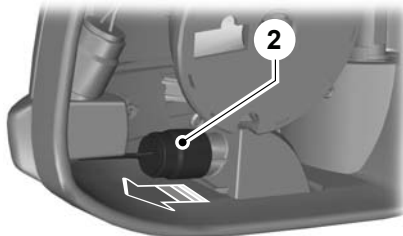
When removing the mirror glass, take care not to break it.

Note: Position the mirror glass as far inwards as possible.



E133110

1. Insert your fingers into the gap between the mirror housing and the mirror glass and pull gently to remove the mirror glass.



E133717

2. Remove the lamp.



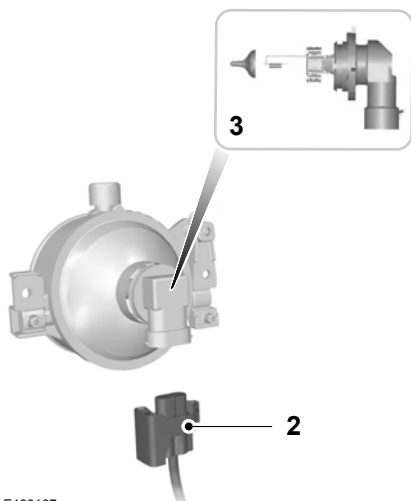
E133718

3. Remove the bulb.

Front fog lamps

1. Remove the headlamp. See **Removing a Headlamp** (page 57).

Lighting



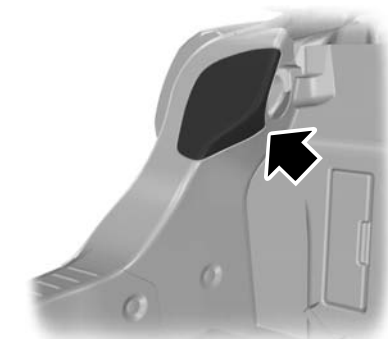
E133107

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

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

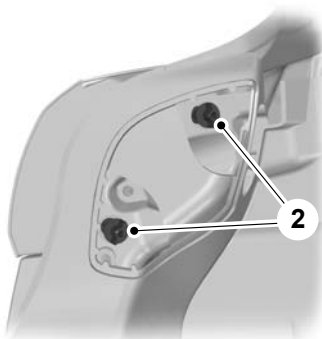
Rear lamps - 4 door

Direction indicator, brake and tail lamp



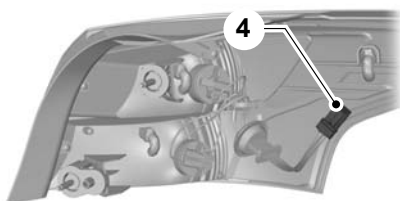
E133702

1. Remove the trim panel.



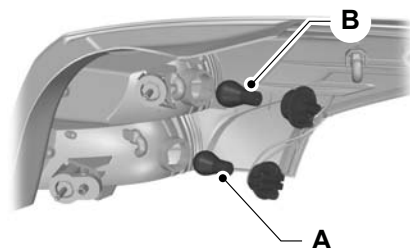
E133703

2. Remove the wing nuts.
3. Remove the lamp.



E133713

4. Disconnect the electrical connector.



E133714

5. Remove the bulb holder.

Lighting

6. Gently press the bulb into the bulb holder, turn it counterclockwise and remove it.

- A. Brake and tail lamp
- B. Direction indicator

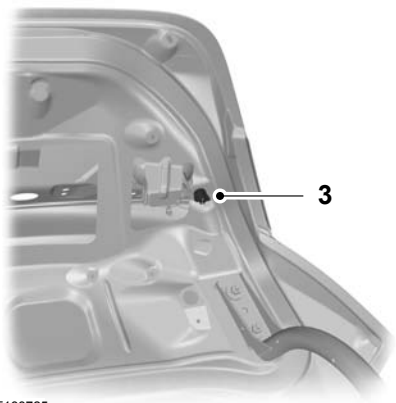
Fog and reversing lamp

1. Open the luggage compartment lid.



E133724

2. Remove the luggage compartment lid trim.



E133725

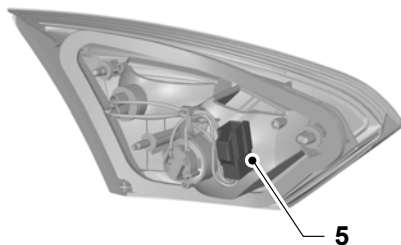
CAUTION



Unclip the outboard side first.

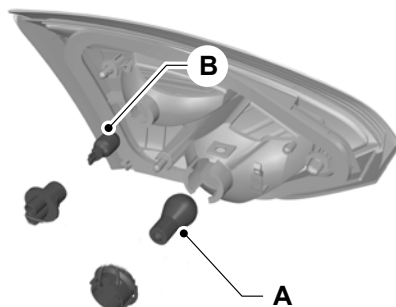
3. Remove the wing nut.

4. Remove the lamp.



E133726

5. Disconnect the electrical connector.



E133727

6. Remove the bulb holder.
 7. Gently press the bulb into the bulb holder, turn it counterclockwise and remove it.
- A. Fog lamp
 - B. Reversing lamp

Rear lamps - 5 door

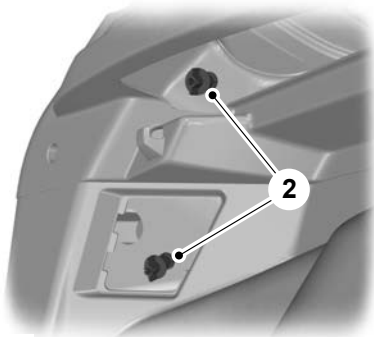
Note: On some vehicles the tail lamps are LED. These are not serviceable items, please consult your dealer if they fail.

Lighting



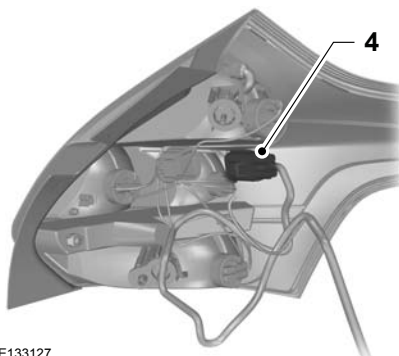
E133111

1. Remove the trim panel.



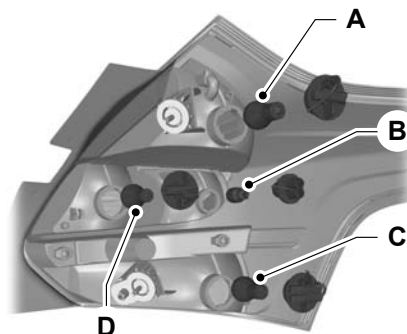
E133112

2. Remove the wing nuts and detach the clip.
3. Remove the lamp.



E133127

4. Disconnect the electrical connector.



E133113

5. Remove the bulb holder.
 6. Gently press the bulb into the bulb holder, turn it counterclockwise and remove it.
- A. Brake lamp
B. Reversing lamp
C. Tail and fog lamp
D. Direction indicator

Central high mounted brake lamp

Note: These are not serviceable items, please consult your dealer if they fail.

Lighting

License plate lamp

Note: These are not serviceable items, please consult your dealer if they fail.

Interior lamps

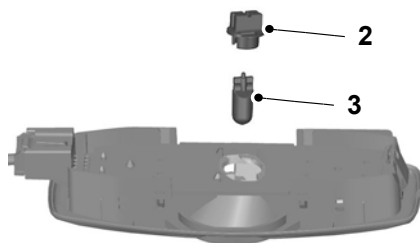
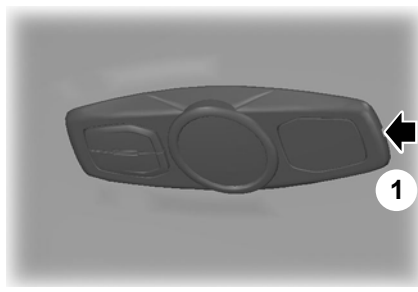
Vehicles with LED lamps

Note: The LED board is not a serviceable item, please consult your dealer if this fails.



E125092

Vehicles with halogen lamps



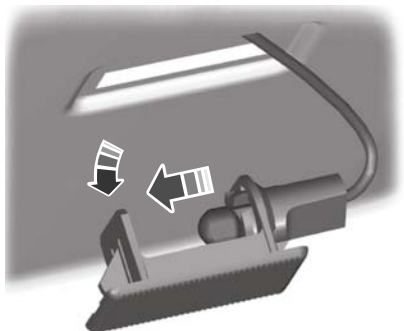
E145746

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

Lighting

Luggage compartment lamp, footwell lamp and tailgate lamp

1. Carefully prise out the lamp.
2. Remove the bulb.



E72784

BULB SPECIFICATION CHART

Lamp	Specification	Power (watt)
Front direction indicator	PY21W	21
Headlamp main beam	H1	55
Headlamp dipped beam	H7	55 ¹
Cornering lamp	H1	55
Front fog lamp	H11	55
Side lamp	W5W	5
Side repeater	WY5W	5
Approach lamp	W5W	5
Rear direction indicator	PY21W	21
Brake and tail lamp	P21/5W	21/5
Tail lamp	W5W	5
Rear fog lamp	P21W	21

Lighting

Lamp	Specification	Power (watt)
Reversing lamp	W16W	16
Luggage compartment lamp	W5W	5

¹Fit a replacement with the same rating as the one you have removed.

Windows and Mirrors

POWER WINDOWS

WARNING



Do not operate the power windows unless they are free from obstruction.

Note: *If you operate the switches often during a short period of time, the system might become inoperable for a certain time to prevent damage due to overheating.*

Switch on the ignition to operate the power windows.

Global opening and closing

You can also operate the power windows with the ignition off via the global opening and closing function. See **Locks** (page 35).

Driver's door switches

You can operate all the windows with the switches on the door trim panel of the driver's door.



E70848

Opening and closing the windows automatically

Press or lift the switch to the second action point and release it completely. Press or lift it again to stop the windows.

Safety switch for rear windows

WARNING



On some vehicles, pressing the switch will also lock the rear doors from inside. See **Child Safety Locks** (page 26).

Locks (page 26).

Note: *You can always operate the rear windows from the driver's door.*



E70850

A switch in the driver's door disables the rear power window switches.

The light in the switch comes on and the lights in the rear window switches go off when the rear windows are disabled.

Anti-trap function

WARNING



Careless closing of the windows can override the protection function and cause injuries.

Windows and Mirrors

The power windows will stop automatically while closing and reverse some distance if there is an obstacle in the way.

Overriding the anti-trap function

WARNING



While you close the window for the third time, the anti-trap function is disabled. Make sure there are no obstacles in the way of the closing window.

To override this protection function when there is a resistance, e.g. in the winter, proceed as follows:

1. Close the window twice until it reaches the resistance and let it reverse.
2. Close the window a third time to the resistance. The anti-trap function is disabled and you cannot close the window automatically. The window will override the resistance and you can close it fully.
3. If the window does not close after the third attempt, have it checked by an expert.

Resetting the memory of the power windows

WARNING



The anti-trap function is deactivated until you have reset the memory.

After the battery has been disconnected from the vehicle you must reset the memory separately for each window:

Note: *On vehicles with a convertible top, the roof and doors must be fully closed before carrying out the following procedure.*

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. Push and hold the switch until the window is fully open.
5. Release the switch.
6. Lift and hold the switch until the window is fully closed.
7. Open the window and try to close it automatically.
8. Reset and repeat procedure if the window does not close automatically.

EXTERIOR MIRRORS

WARNING



Do not overestimate the distance of the objects that you see in the convex mirror. Objects seen in convex mirrors will appear smaller and further away than they actually are.

Manual folding mirrors

Folding

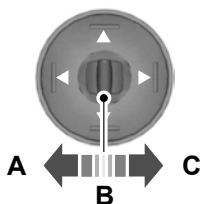
Push the mirror towards the door window glass.

Unfolding

Make sure that you fully engage the mirror in its support when returning it to its original position.

Windows and Mirrors

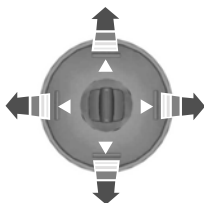
POWER EXTERIOR MIRRORS



E70846

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

Mirror tilting positions



E70847

The power exterior mirrors are fitted with a heating element that will defrost or demist the mirror glass. See **Heated Windows and Mirrors** (page 104).

Power folding mirrors

Automatic folding and unfolding

Note: If the mirrors have been folded using the manual fold button they can only be unfolded using the manual fold button.

The mirrors will fold automatically when you lock the vehicle with the key, the remote control or a keyless entry system request. The mirrors will unfold when you unlock the vehicle with the key, the remote control, a keyless entry system request, the driver's interior door handle or starting the engine.

Manual folding and unfolding

The power folding mirrors operate with the ignition on.

Note: You can operate the mirrors (mirror tilting and folding) for several minutes after you switch off the ignition. They will be deactivated as soon as a door is opened.



E72623

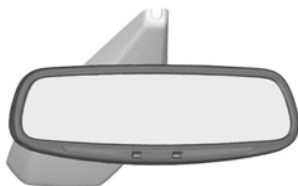
Press the button to fold or unfold the mirrors.

If you press the switch again while the mirrors are moving, they will stop and reverse the direction of movement.

Note: When the mirrors are operated often during a short period of time, the system may become inoperable for a period of time to prevent damage due to overheating.

Windows and Mirrors

AUTO-DIMMING MIRROR



E71028

The auto-dimming mirror will adjust automatically when hit by glaring light from behind. It will not work when you have selected reverse gear.

BLIND SPOT INFORMATION SYSTEM

Blind spot information system (BLIS)

WARNINGS

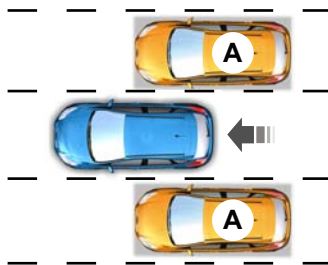


The system is not designed to prevent contact with other vehicles or objects. The system only provides a warning to assist you in detecting vehicles in the blind spot zones. The system will not detect obstacles, pedestrians, motorcyclists or cyclists.



Do not use the system as a replacement for using the side and rear view mirrors, and looking over your shoulder before changing lanes. The system is not a replacement for careful driving and is only to be used as an aid.

The system is a convenience feature that aids the driver in detecting vehicles that may have entered the blind spot zone (A). The detection area is on both sides of the vehicle extending rearwards from the exterior mirrors to approximately 3 meters (10 feet) beyond the bumper. The system will alert you if certain vehicles enter the blind spot zone whilst driving.



E124788

Using the system

The system displays a yellow indicator located in the exterior mirrors.



E124736

Note: Both indicators will illuminate briefly when you switch the ignition on to confirm that the system is operational.

Note: On vehicles with automatic transmission, the system is active only in **S**, **D** and **N**.

The system is only active when you exceed 10 km/h (6 mph). The system is temporarily deactivated when you select reverse gear.

Windows and Mirrors

System detection and alerts

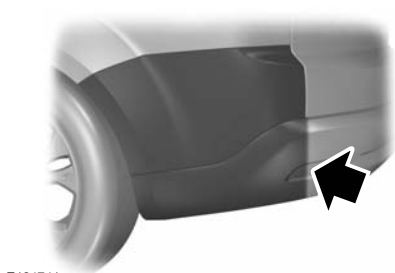
The system will trigger the alert for vehicles that enter the blind spot zone from the rear or merge from the side. Vehicles that you pass, or vehicles that enter the blind spot zone from the front, will only trigger the alert after the vehicle has remained in the blind spot zone for a short period of time.

Note: Vehicles that pass through the blind zone quickly (typically less than 2 seconds) will not trigger the alert.

The system consists of two radar sensors each located behind the rear wheels hidden behind the bumpers.

CAUTIONS

- ❗ Do not place items such as bumper stickers in this area.
- ❗ Repairs to these areas using body filler will affect the performance of the system.



E124741

Detection limitations

There may be certain instances where vehicles entering and exiting the blind spot zones may not be detected.

Instances which may cause non-detection:

- Debris build up on the rear bumper panels in the area of the sensors.
- Certain manoeuvring of vehicles entering and exiting the blind zone.

- Vehicles passing through the blind zone at high speed.
- Severe weather conditions.
- Several vehicles passing through the blind zone following each other closely.

False alerts

Note: False alerts are temporary and will self correct.

There may be certain instances when the system will alert with no vehicle present in the blind zone.

Circumstances where false alerts may occur:

- Road guardrails.
- Highway concrete walls.
- Construction areas.
- Sharp turns around a building.
- Bushes and trees.
- Cyclists and motorcyclists.
- Coming to a stop with a vehicle directly behind but very close.

Turning the system on and off

Note: The on or off position will remain until manually changed.

You can turn the system on and off using the information display. See **Information Displays** (page 80).

When you turn the system off no further alerts will be received. The BLIS warning indicator will illuminate. See **Warning Lamps and Indicators** (page 76).

Detection errors

Note: The alert indicator in the mirror will not illuminate.

Windows and Mirrors

If the system senses a fault on either sensor, the system warning symbol will illuminate and remain on. The information display will confirm the fault and indicate whether the left or right side is affected.

Blocked sensor

WARNING



Prior to the system recognizing a blocked condition and issuing a warning, the number of missed objects will increase.

CAUTION



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

Note: *Keep the rear bumper area surrounding the sensors free from dirt, ice and snow.*

If a sensor becomes blocked the system performance may degrade. A blocked sensor message may be displayed.

The system will automatically return to normal operation once two other vehicles have been detected on both sides.

Trailer towing false alerts

CAUTION



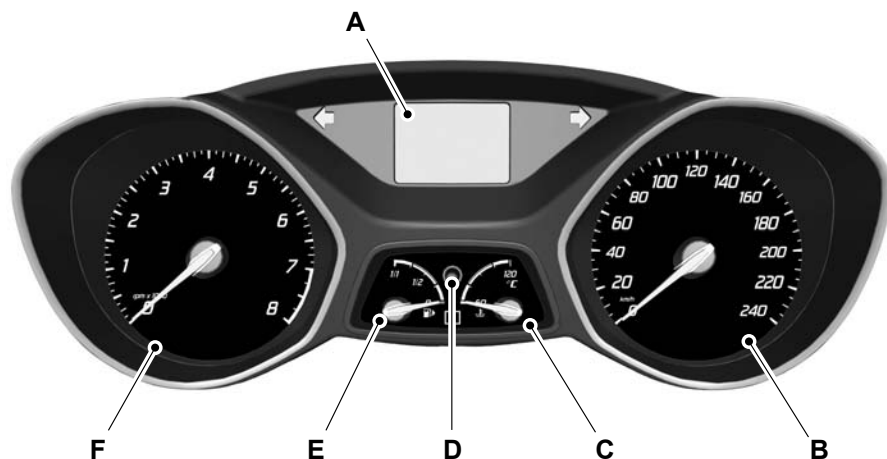
Vehicles fitted with a trailer tow module not approved by us may not correctly be detected. Switch the system off to avoid false alerts. See **Information Displays** (page 80).

If the vehicle is fitted with a trailer tow module approved by us, the system will detect a connected trailer and deactivate. A confirmation message will be shown in the information display. See **Information Messages** (page 88). The BLIS warning indicator will illuminate. See **Warning Lamps and Indicators** (page 76).

Instrument Cluster

GAUGES

Type 1

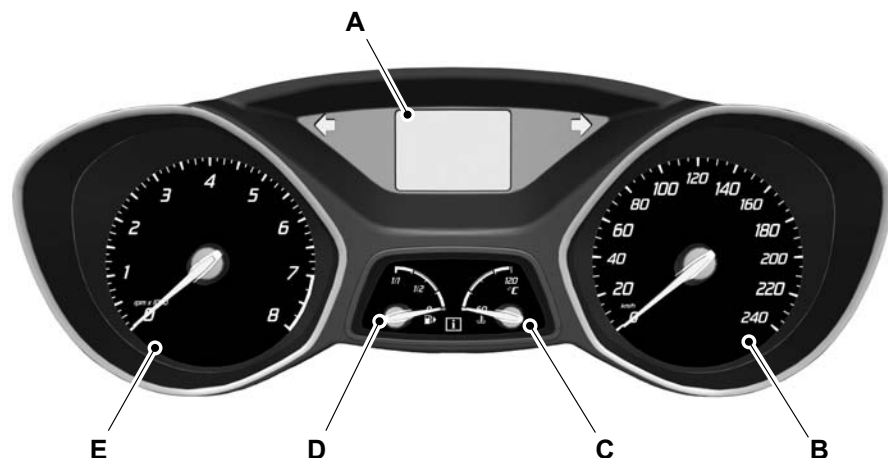


E132065

- A Information display. See **Information Displays** (page 80).
- B Speedometer
- C Engine coolant temperature gauge
- D Tripmeter reset button. See **Trip Computer** (page 87).
- E Fuel gauge
- F Tachometer

Instrument Cluster

Type 2 and 3



E130149

- A Information display. See **Information Displays** (page 80).
- B Speedometer
- C Engine coolant temperature gauge
- D Fuel gauge
- E Tachometer

Engine coolant temperature gauge

All vehicles

Shows the temperature of the engine coolant. At normal operating temperature, the needle will remain in the center section.

WARNING



Do not restart the engine until the cause of overheating has been resolved.

If the needle enters the red section, the engine is overheating. Stop the engine, switch the ignition off and determine the cause **once the engine has cooled down**. See **Engine Coolant Check** (page 179).

Fuel gauge

The arrow adjacent to the fuel pump symbol indicates on which side of the vehicle the fuel filler cap is located.

Instrument Cluster

WARNING LAMPS AND INDICATORS

The following warning lamps and indicators illuminate when the ignition is switched on:

- Airbag
- ABS
- Stability control (ESP)
- Low fuel
- Brake system
- ESP off

If a warning or indicator lamp does not illuminate when the ignition is switched on, it indicates a malfunction. Have the system checked by properly trained technician.

ABS warning lamp



If it illuminates when you are driving, this indicates a malfunction. You will continue to have normal braking (without ABS). Have the system checked by a properly trained technician as soon as possible.

Airbag warning lamp



If it illuminates when you are driving, this indicates a malfunction. Have the system checked by a properly trained technician.

Blind spot monitor indicator



It will illuminate when this feature is deactivated or in conjunction with a message.

See **Blind Spot Information System** (page 71). See **Information Messages** (page 88).

Brake system lamp



It illuminates when the parking brake is engaged.

WARNING



Reduce your speed gradually and stop your vehicle as soon as it is safe to do so. Use your brakes with care.

If it illuminates when you are driving, check that the parking brake is not engaged. If the parking brake is not engaged, this indicates a malfunction. Have the system checked by a properly trained technician immediately.

Cruise control indicator



It will illuminate when you have set a speed using the cruise control system. See **Using**

Cruise Control (page 145).

Direction indicators



Flashes during operation. A sudden increase in the rate of flashing warns of a failed indicator bulb. See **Changing a Bulb** (page 58).

Engine warning lamp



If it illuminates with the engine running, this indicates a malfunction. If it flashes when you are driving, **reduce the speed of your vehicle immediately**. If it continues to flash, avoid heavy acceleration or deceleration. Have the system checked by a properly trained technician immediately.

CAUTION



If the engine warning lamp illuminates in conjunction with a message, have the system checked as soon as possible.

Instrument Cluster

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 +4°C (39°F) there is no guarantee that the road is free of hazards caused by inclement weather.



It will illuminate and glow amber when the outside air temperature is between +4°C (39°F) and 0°C (32°F). It will glow red when the temperature is below 0°C (32°F).

Glow plug indicator



See **Starting a Diesel Engine** (page 116).

Headlamp indicator



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

Ignition warning lamp



If it illuminates when you are driving, this indicates a malfunction. Switch off all unnecessary electrical equipment. Have the system checked by a properly trained technician immediately.

Hill start assist indicator



If it illuminates when driving, this indicates a malfunction. Have the system checked by a properly trained technician.

Low fuel level warning lamp



If it illuminates, refuel as soon as possible.

High beam indicator



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

Message indicator



It will illuminate when a new message is stored in the information display. See **Information Messages** (page 88).

Oil pressure warning lamp

CAUTION



Do not resume your journey if it illuminates despite the level being correct. Have the system checked by a properly trained technician 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 179).

Rear fog lamp indicator



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

Safety belt minder



See **Belt Minder** (page 29).

Instrument Cluster

Shift indicator



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

Stability control (ESP) indicator



While driving, it flashes during activation of the system. After switching on the ignition, if it does not illuminate or illuminates continuously while driving, this indicates a malfunction. During a malfunction, the system switches off. Have the system checked by a properly trained technician as soon as possible.



If you switch traction control off, the warning lamp will illuminate. The lamp will go out when you switch the system back on or when you switch the ignition off.

AUDIBLE WARNINGS AND INDICATORS

Switching the chimes on and off

You can deactivate certain chimes in the Information display using the steering wheel control. For item location: See **At a Glance** (page 11).

To set which chimes should sound:

1. Press the left arrow button on the steering wheel to enter the main menu.
2. Highlight **Settings** with the up and down arrow buttons and press the right arrow button.
3. Highlight **Chimes** and press the right arrow button.

4. Highlight **Information** or **Warning** and press the **OK** button to switch the chime on and off.
5. Press the left arrow button to exit the menu. Press and hold the left arrow button to return to the main menu display.

Automatic transmission

If position **P** is not selected, a warning chime will sound when the driver's door is opened.

Frost

WARNING



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

A warning chime will sound in the following conditions:

- +4°C (39°F) or lower: frost warning.
- 0°C (32°F) or lower: danger of icy roads.

Key outside car

Vehicles with keyless entry

If the engine is running and a passive key is no longer detected within the vehicle interior, a warning chime will sound.

Door open

A warning chime will sound when any door is opened if the vehicle exceeds a relatively low speed.

Lights on

A warning chime will sound if the driver's door is opened with the exterior lights switched on and the ignition switched off.

Instrument Cluster

Low fuel

A warning chime will sound when the remaining fuel is less than approximately 6 liters (1.3 gallons).

Safety belt minder

See **Belt Minder** (page 29).

Information Displays

GENERAL INFORMATION

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

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

For detailed instructions on navigation, refer to the appropriate manual.

Device list

The icon changes to show the current function in use.



CD



Radio



Auxiliary input



Phone



Settings

Controls

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 sub-menu.

Press the **left** arrow button to exit a menu.

Hold the **left** arrow button pressed at any time to return to the main menu display (escape button).

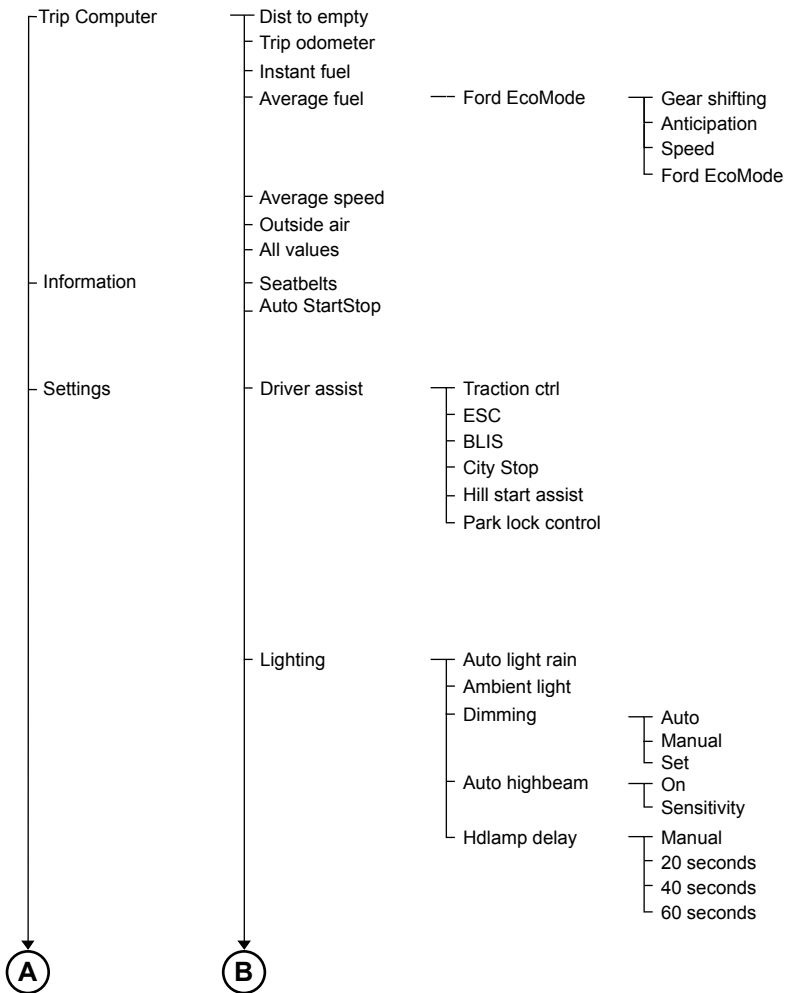
Press the **OK** button to choose and confirm a setting.

Menu structure - information display

All vehicles

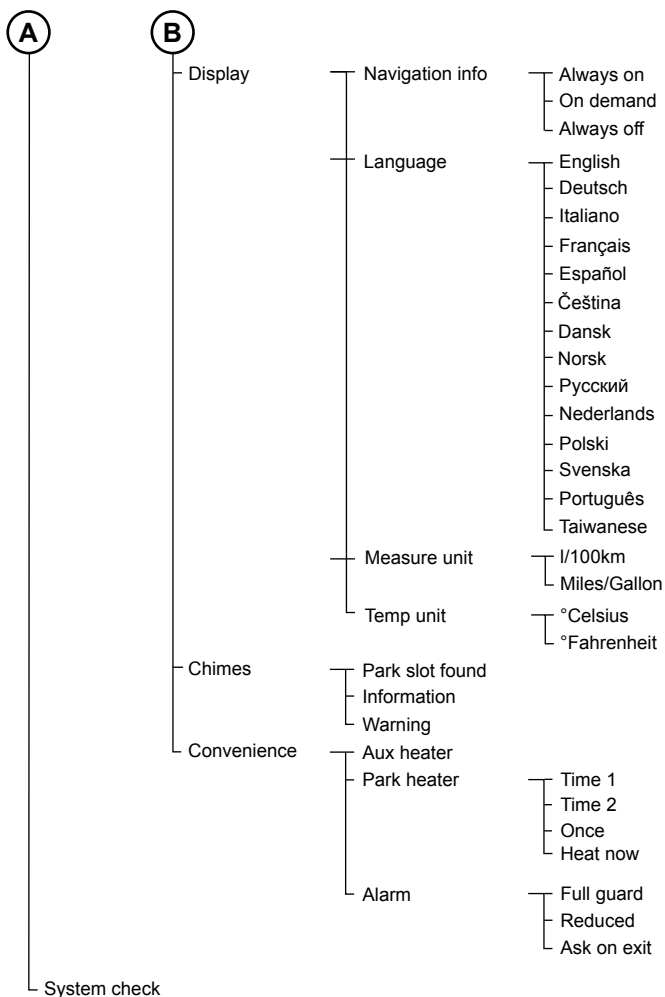
You can access the menu using the Information display control. For item location: See **At a Glance** (page 11).

Information Displays



E146438

Information Displays



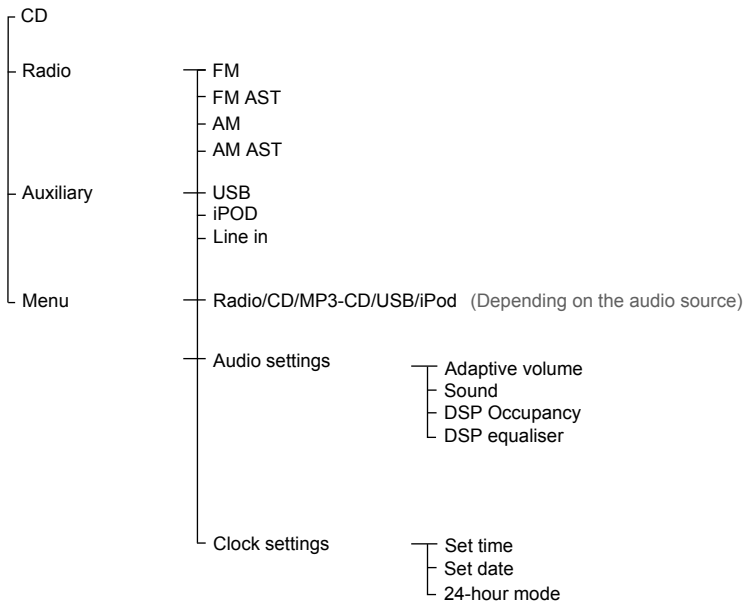
E146439

Information Displays

Menu structure - Information and entertainment display

You can access the menu using the buttons on the audio or navigation unit.

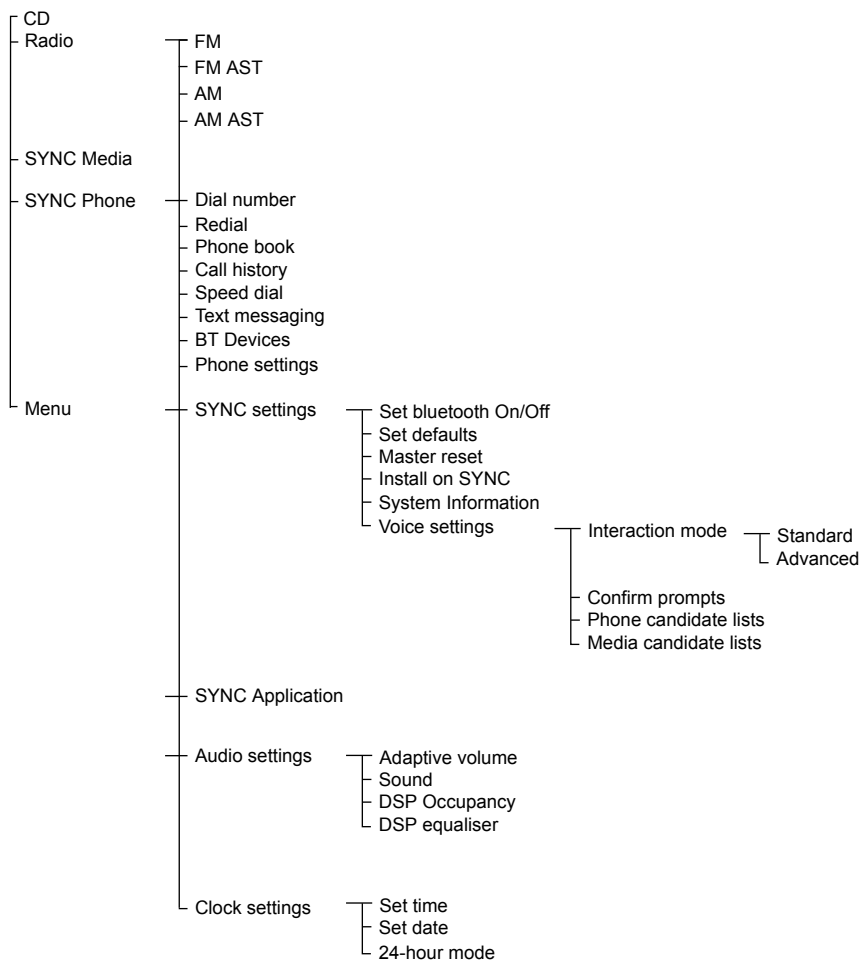
Type 1



E146440

Information Displays

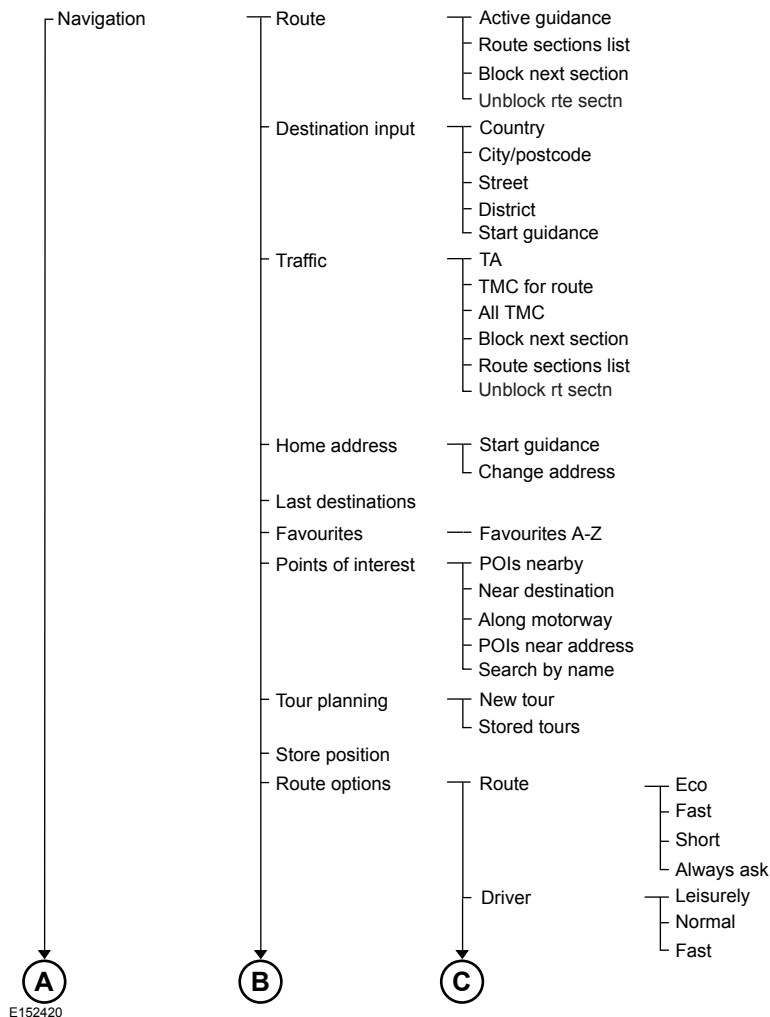
Type 2



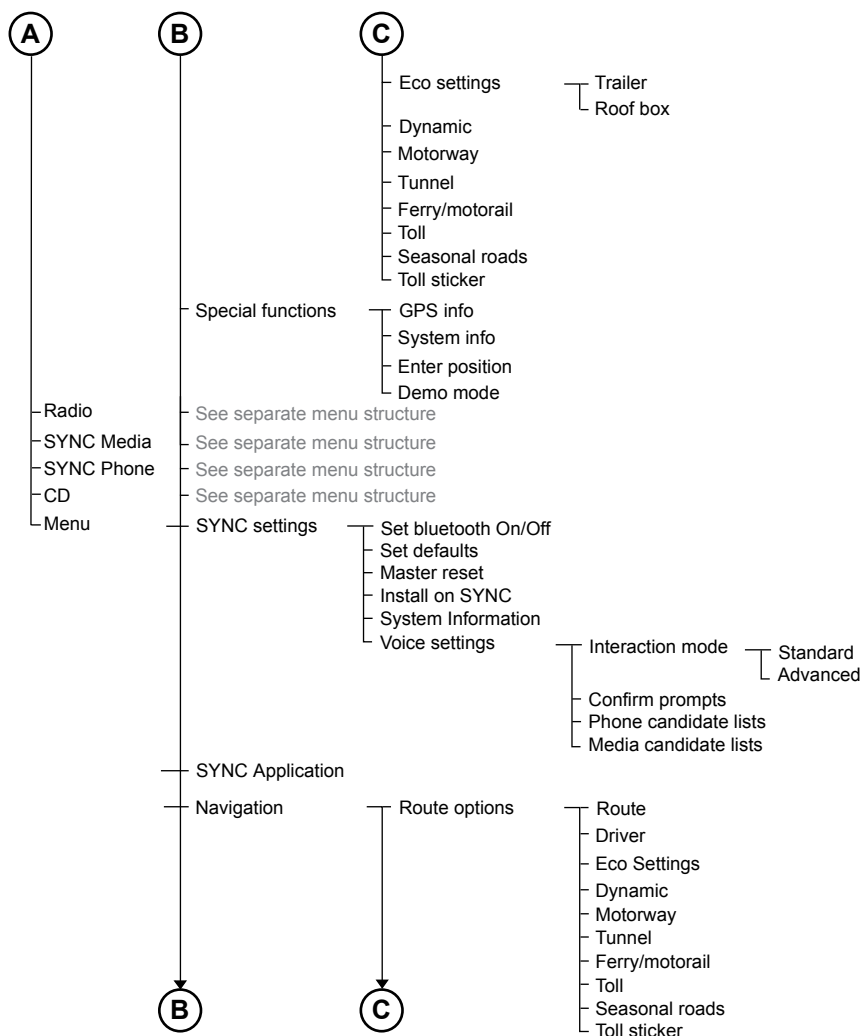
E152144

Information Displays

Type 3

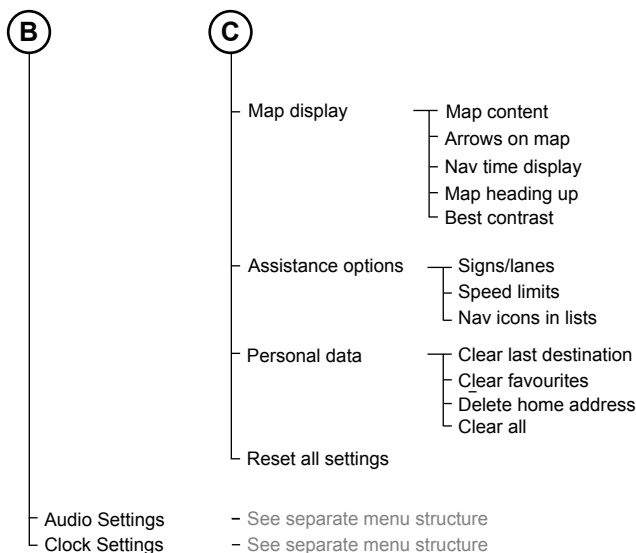


Information Displays



E152419

Information Displays



E152427

TRIP COMPUTER

Distance to empty

Indicates the approximate distance the 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 average fuel consumption.

Average fuel consumption

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

Trip Odometer

Registers the mileage of individual journeys.

Digital Speedometer

The speed your vehicle is traveling at will display as a digital number.

Average speed

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

Outside air temperature

Shows the outside air temperature.

Odometer

Registers the total mileage of the vehicle.

Information Displays

Resetting the trip computer

To reset a particular display:

1. Highlight **Trip Computer** with the up and down arrow buttons and press the right arrow button.
2. Highlight the function to be reset.
3. Hold the **OK** button pressed.

PERSONALIZED SETTINGS

Language setting

A choice of 12 languages are available:

English, German, Italian, French, Spanish, Turkish, Russian, Dutch, Polish, Swedish, Portuguese and Taiwanese.

Measure units

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

Toggling the units of measure using this display will affect the following displays:

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

Temperature units

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

Toggling the temperature units using this display will affect the following displays:

- Outside air temperature.
- The temperature display in the automatic climate control.

Chime deactivation

The following chimes can be deactivated:

- Warning messages.
- Information messages.

INFORMATION MESSAGES

Note: *Certain messages may be abbreviated or shortened depending upon which cluster type you have.*



E130248

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

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

Message indicator



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

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

Information Displays

Active City Stop

Message	Indicator	Action
Active City Stop Sensor blocked Clean screen	amber	See Using Active City Stop (page 154).
Active City Stop not available	amber	See Using Active City Stop (page 154).
Active City Stop Auto braking	-	See Using Active City Stop (page 154).

Airbag

Message	Message indicator	Action
Airbag malfunction service now	amber	Have the system checked by a properly trained technician as soon as possible.

Alarm

Message	Message indicator	Action
Alarm triggered check vehicle	amber	See Alarm (page 42).
Alarm malfunction service required	-	Have the system checked by a properly trained technician.

Automatic main beam control

Message	Indicator	Action
Front camera low visibility Clean screen	amber	The front camera sensor has reduced visibility. Clean the windshield.
Front camera malfunction Service required	amber	The front camera sensor has malfunctioned. Have this checked as soon as possible.

Information Displays

Battery and charging system

Message	Message indicator	Action
Electrical system over voltage stop safely	red	Stop your vehicle as soon as it is safe to do so and switch off the ignition. Have the system checked by a properly trained technician as soon as possible.
Battery low check handbook	amber	Have the system checked by a properly trained technician as soon as possible.

Blind spot monitor

Message	Message indicator	Action
BLIS low visibility check handbook	amber	See Blind Spot Information System (page 71).
BLIS: right sensor fault service required	amber	Have the system checked by a properly trained technician as soon as possible.
BLIS: left sensor fault service required	amber	Have the system checked by a properly trained technician as soon as possible.
BLIS not available trailer attached	amber	See Blind Spot Information System (page 71).

Cruise control and Adaptive cruise control (ACC)

Message	Indicator	Action
Front radar sensor blocked check handbook	amber	See Adaptive cruise control (ACC) (page 147).
Forward Alert not available	amber	See Adaptive cruise control (ACC) (page 147).
ACC not available	amber	See Adaptive cruise control (ACC) (page 147).

Information Displays

Doors open

Message	Message indicator	Action
Driver door open	red	Stop the vehicle as soon as safely possible and close.
Driver side rear door open	red	Stop the vehicle as soon as safely possible and close.
Passenger door open	red	Stop the vehicle as soon as safely possible and close.
Passenger side rear door open	red	Stop the vehicle as soon as safely possible and close.
Luggage compartment lid open	red	Stop the vehicle as soon as safely possible and close.
Bonnet open	red	Stop the vehicle as soon as safely possible and close. See Opening and Closing the Hood (page 173).

Engine immobilizer

Message	Message indicator	Action
Immobiliser active check handbook	amber	Your key has not been recognized. Remove the key and try again.
Immobiliser malfunction service required	amber	Have the system checked by a properly trained technician as soon as possible.

Hill start assist

Message	Message indicator	Action
Hill start assist not available	amber	Have the system checked by a properly trained technician.

Information Displays

Keyless entry

Message	Message indicator	Action
Ford KeyFree key not inside car	red	See Keyless Entry (page 37).
Ford KeyFree key inside vehicle	amber	See Keyless Entry (page 37).
Ford KeyFree Place key in key holder	-	See Keyless Entry (page 37).
Ford KeyFree no key detected	-	See Keyless Entry (page 37).
Key battery low replace soon	-	See Changing the remote control battery (page 32).
Steering lock engaged turn steering wheel	-	See Steering Wheel Lock (page 115).

Lighting

Message	Message indicator	Action
Headlamp malfunction service required	amber	Have the system checked by a properly trained technician as soon as possible.
Brake lamp bulb fault	-	One or both of the brake lamp bulbs have blown. Check the brake lamp bulbs. See Changing a Bulb (page 58).
Park lamp bulb fault	-	One or both of the side or tail lamp bulbs have blown. Check the side and tail lamp bulbs. See Changing a Bulb (page 58).
Rear fog lamp bulb fault	-	One or both of the rear fog lamp bulbs have blown. Check the rear fog lamp bulbs. See Changing a Bulb (page 58).

Information Displays

Message	Message indicator	Action
Dipped beam bulb fault	-	One or both of the headlamp low beam bulbs have blown. Check the headlamp low beam bulbs. See Changing a Bulb (page 58).
Trailer brake lamp bulb fault	-	One or both of the brake lamp bulbs on your trailer have blown. Check the brake lamp bulbs on your trailer.
Trailer turn lamp bulb fault	-	One or both of the direction indicator bulbs on your trailer have blown. Check the direction indicator bulbs on your trailer.

Maintenance

Message	Message indicator	Action
High engine temperature stop safely	red	Stop your vehicle as soon as it is safe to do so and switch off the ignition. Have the system checked by a properly trained technician as soon as possible.
Brake fluid level low service now	red	Check the brake fluid level. See Brake and Clutch Fluid Check (page 180).
Engine malfunction service now	red	Stop the vehicle as soon as safely possible and switch off the engine immediately. Have the system checked by a properly trained technician immediately.
Water detected in fuel service required	amber	Have the system checked by a properly trained technician as soon as possible.
Engine malfunction service now	amber	Have the system checked by a properly trained technician as soon as possible.
Washer fluid level low	-	Check the washer fluid level. See Washer Fluid Check (page 180).
Engine oil change due	-	Have the system checked by a properly trained technician.

Information Displays

Occupant protection

Message	Indicator	Action
Service Beltminder	-	Have the system checked by a properly trained technician as soon as possible.

Parking aid

Message	Indicator	Action
Parking aid malfunction Service required	amber	Have the system checked by a properly trained technician as soon as possible.

Parking brake

Message	Indicator	Action
Park brake applied	red	See Parking Brake (page 130).
Park brake applied	amber	See Parking Brake (page 130).

Power steering

Message	Message indicator	Action
Steering lock malfunction stop safely	red	Stop your vehicle as soon as it is safe to do so and switch off the ignition. Have the system checked by a properly trained technician as soon as possible.
Steering loss stop safely	red	Stop your vehicle as soon as it is safe to do so and switch off the ignition. Have the system checked by a properly trained technician as soon as possible.
Steering assist malfunction service required	amber	Power steering. Full steering will be maintained but you will need to exert greater force on the steering wheel. Have the system checked by a properly trained technician as soon as possible.
Steering malfunction service now	amber	Have the system checked by a properly trained technician.

Information Displays

Stability control (ESP)

Message	Indicator	Action
Traction control off	amber	See General Information (page 80).

Starting the engine

Message	Message indicator	Action
Ford KeyFree switch ignition off press POWER	red	See Keyless Starting (page 117).
Drive to clean exhaust filter check handbook	amber	See Diesel Particulate Filter (page 118).
Engine malfunction service now	amber	See Diesel Particulate Filter (page 118).
Press brake to start	-	See Keyless Starting (page 117).
Press clutch to start	-	See Keyless Starting (page 117).
Press brake and clutch to start	-	See Keyless Starting (page 117).
Cranking time exceeded	-	See Starting and Stopping the Engine (page 115).
Engine preheating	-	See Starting a Diesel Engine (page 116).
Cleaning exhaust filter	-	See Diesel Particulate Filter (page 118).
Filter cleaning complete	-	See Diesel Particulate Filter (page 118).

Information Displays

Transmission

Message	Message indicator	Action
Transmission too hot press brake	red	Under certain driving conditions it is possible that the clutches in the transmission can overheat. In these circumstances it is necessary to press the brake pedal and stop the vehicle to prevent further overheating. Select N (NEUTRAL) or P (PARK) and apply the foot brake and parking brake until the transmission has cooled and the message disappears from the display. If the vehicle is driven with this message active you may experience vehicle judder as a further overheat warning.
Transmission malfunction service now	red	Have the system checked by a properly trained technician as soon as possible.
Transmission over-heating stop safely	red	The transmission is too hot. In these extreme conditions the transmission will disengage drive in order to prevent damage due to overheating. You will not be able to drive until the transmission has cooled. Select N (NEUTRAL) or P (PARK) and apply the foot brake and parking brake until the transmission has cooled and the message disappears from the display.
Transmission too hot press brake	amber	Under certain driving conditions it is possible that the clutches in the transmission can overheat. In these circumstances it is necessary to press the brake pedal and stop the vehicle to prevent further overheating. Select N (NEUTRAL) or P (PARK) and apply the foot brake and parking brake until the transmission has cooled and the message disappears from the display. If the vehicle is driven with this message active you may experience vehicle judder as a further overheat warning.
Transmission limited function check handbook	amber	Some gears may not be available. Have the system checked by a properly trained technician as soon as possible.
Transmission warming up please wait	-	At low outside temperatures, after starting the engine, it may take the transmission several seconds to engage R (REVERSE) or D (DRIVE) . Keep the brake pedal depressed until these messages disappear from the display.

Information Displays

Message	Message indicator	Action
Transmission not in Park select P	-	See Automatic Transmission (page 126). See Starting and Stopping the Engine (page 115).
To start press brake	-	See Automatic Transmission (page 126). See Starting and Stopping the Engine (page 115).
Press brake pedal	-	See Automatic Transmission (page 126).

Climate Control

PRINCIPLE OF OPERATION

Outside air

Keep the air intakes forward of the windshield free from obstruction (snow, leaves etc.) to allow the climate control system to function effectively.

Recirculated air

CAUTION

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

The air currently in the passenger compartment will be recirculated. Outside air will not enter the vehicle.

Heating

Heating performance depends on the temperature of the engine coolant.

Air conditioning

Note: The air conditioning operates only when the temperature is above 4°C (39°F).

Note: If you use the air conditioning, the fuel consumption of your vehicle will be higher.

Air is directed through the evaporator where it is cooled. Humidity is extracted from the air to help keep the windows free of mist. The resulting condensation is directed to the outside of the vehicle and it is therefore normal if you see a small pool of water under your vehicle.

General information on controlling the interior climate

Fully close all the windows.

Warming the interior

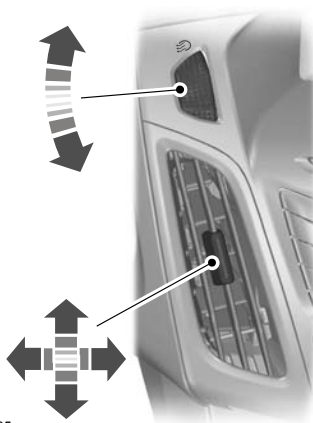
Direct the air towards your feet. In cold or humid weather conditions, direct some of the air towards the windshield and the door windows.

Cooling the interior

Direct the air towards your face.

AIR VENTS

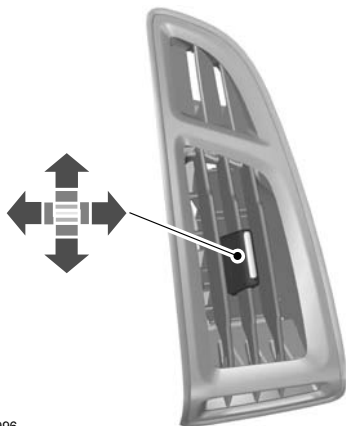
Center air vents



E132995

Climate Control

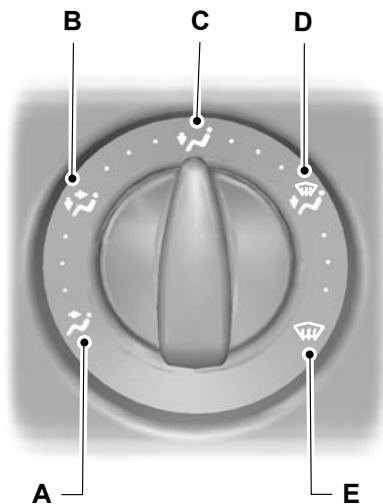
Side air vent



E132996

MANUAL CLIMATE CONTROL

Air distribution control



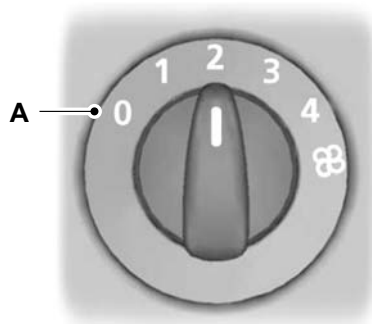
E74660

- A Face level
- B Face level and footwell
- C Footwell
- D Footwell and windshield
- E Windshield

You can set the air distribution control to any position between the symbols.

Climate Control

Blower



E75470

A Off

Note: If you switch the blower off, the windshield may mist up.

Recirculated air



Press the button to toggle between outside air and recirculated air.

Heating the interior quickly



E129884

Ventilation



E129885

Set the air distribution control, blower and air vents to suit your requirements.

Air conditioning

Switching the air conditioning on and off



If you turn the blower off, the air conditioning will turn off. When you turn the blower on again, the air conditioning will come on automatically.

Cooling with outside air



E129886

Cooling the interior quickly



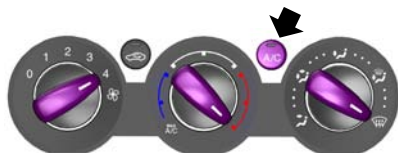
E129887

Climate Control

With the heater control in this position, the air conditioning and recirculated air will switch on automatically.

You can switch the air conditioning and recirculated air on and off.

Defrosting and demisting the windshield



E129888

When the temperature is above 4°C (39°F), the air conditioning will switch on automatically. Make sure that the blower is on. The indicator in the switch will illuminate during defrosting and demisting.

If you move the air distribution control to a position other than windshield, the **A/C** will remain on.

You can switch the air conditioning and recirculated air on and off while the air distribution control is set to windshield.

If necessary, switch the heated windows on. See **Heated Windows and Mirrors** (page 104).

Reducing interior air humidity



E129889

AUTOMATIC CLIMATE CONTROL



E133114

The system controls the temperature, amount and distribution of the air flow automatically and adjusts them according to the driving and weather conditions. Pressing the **AUTO** button once switches on the auto mode.

The system in your vehicle is dual-zone automatic climate control. When the system is in mono mode, all the temperature zones are linked to the driver's zone. When you switch mono mode off, the dual-zone system allows you to set different temperatures for the driver's and front passenger's side.

Climate Control

Note: Avoid adjusting the settings when the vehicle interior is extremely hot or cold. The automatic climate control adjusts to the current circumstances automatically. For the system to function properly, the side and center vents should be fully open.

Note: The sunload sensor is located on top of the instrument panel. Do not cover the sensor with any objects.

Note: At low outside temperatures, when the system is in auto mode, the air stream will be directed to the windshield and the side windows as long as the engine is cold.

Setting the temperature



E133115

You can set the temperature between 15.5°C (60°F) and 29.5°C (85°F) in steps of 0.5°C (1°F). In position **LO**, 15°C (59°F), the system will switch to permanent cooling. In position **HI**, 30°C (86°F), the system will switch to permanent heating.

Note: If either position **LO** or **HI** is selected, the system will not regulate a stable temperature.

Mono mode

In mono mode, the temperature settings for both the driver's and passenger's side are linked. If you adjust the temperature using the rotary control on the driver's side, the settings will be adjusted to the same setting on the passenger's side. In mono mode, **MONO** appears in the display.

To switch mono mode off

Select a temperature for the passenger's side with the rotary control on the passenger's side. Mono mode will switch off and **MONO** disappears from the display. The temperature for the driver's side will remain unchanged. You can now adjust the driver and passenger side temperatures independently of each another. The temperature settings for each side are shown in the display. You can set a temperature difference of up to 4°C (8°F).

Note: If you set a temperature difference of greater than 4°C (8°F), the temperature on the other side will be adjusted so that the difference remains 4°C (8°F).

Note: If you set one of the sides to **HI** or **LO**, both sides will be set to **HI** or **LO**.

To switch mono mode back on



To switch mono mode back on, press and hold the **AUTO** button. **MONO** reappears in the display and the passenger's side temperature will be adjusted to the driver's side temperature.

Blower



Use the buttons to adjust the blower speed.

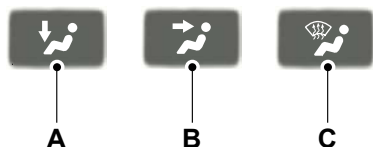
The blower setting is indicated in the display.

To return to auto mode, press the **AUTO** button.

Climate Control

Air distribution

To adjust air distribution, press the desired button. Any combination of settings can be selected simultaneously.



E70308

- A Footwell
- B Face level
- C Windshield

When you select windshield defrosting and demisting, **A**, **B** and **C** switch off automatically and the air conditioning switches on. Outside air will flow into the vehicle. You cannot select recirculated air.

Cooling the interior quickly



E133122

Windshield defrosting and demisting



Press the windshield defrosting and demisting button. Outside air will flow into the vehicle. Air conditioning is automatically selected. As long as the air distribution is set to this position, you cannot select recirculated air.

The blower speed and the temperature control operate automatically and cannot be adjusted manually. The blower is set to high speed and the temperature to **HI**.

When you select windshield defrosting and demisting, the heated screens switch on automatically and switch off after a short time.

To return to auto mode, press the **AUTO** button.

Switching the air conditioning on and off



Press the **A/C** button to switch the air conditioning on and off. **A/C OFF** appears in the display when the air conditioning is switched off.

A/C ON appears in the display when the air conditioning is switched on.

Recirculated air



Press the recirculated air button to toggle between outside air and recirculated air.

Note: When the system is in auto mode and the interior and exterior temperatures are quite hot, the system selects recirculated air automatically to maximize cooling of the interior. Once the selected temperature is reached, the system will reselect outside air automatically.

Switching off the automatic climate control



Press the button.

Climate Control

When switched off, the heating, ventilation and air conditioning system is switched off and recirculated air is selected.

HEATED WINDOWS AND MIRRORS

Heated windows

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

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

Heated windshield



Heated rear window



Vehicles without auxiliary heater

If the ambient temperature is below 5°C (41°F) and the engine coolant is below 65°C (149°F), the heated windshield and heated rear window will switch on automatically. They will switch off automatically.

Heated exterior mirrors

Electric exterior mirrors are fitted with a heating element that will defrost or demist the mirror glass. They will switch on automatically when you switch the heated rear window on.

POWER MOON ROOF

WARNING



Before operating the power moonroof you should verify it is free of obstructions and ensure that children and/or pets are not in the proximity of the moonroof opening. Failure to do so could result in serious personal injury. It is the primary responsibility of the supervising adults to never leave a child unattended in a vehicle and to never leave the keys in an unattended vehicle.

Note: *When the switches are operated often during a short period of time, the system might become inoperable for a certain time to prevent damage due to overheating.*

Note: *The power moonroof can also be operated with the ignition off via the global opening and global closing function. See **Global Opening and Closing** (page 39).*

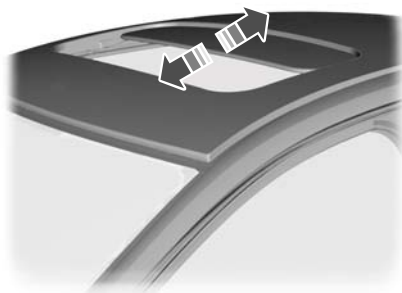
There are two ways of opening the moonroof – the rear of the moonroof lifts open or the moonroof opens from the front, sliding back under the roof. The moonroof opens and closes whilst the switch is pressed.

Switch on the ignition to operate the power moonroof.

The power moonroof is operated by a switch located between the sun visors.

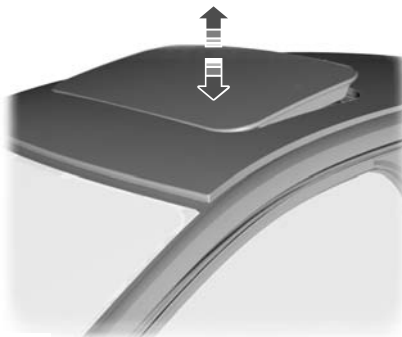
Climate Control

Opening and closing the moonroof



E72188

Tilting the moonroof



E72189

Opening and closing the moonroof automatically

Note: When opening automatically, the moonroof will stop about 8 cm from the fully opened position. This position reduces the buffeting noise which is sometimes heard when the moonroof is fully open. The moonroof will only stop automatically in this position when the moonroof is opened automatically.

To open or close the moonroof automatically press either side of the switch to the second action point and release it completely. Press again to stop.

When the closed position is reached, the moonroof stops automatically.

Moonroof anti-trap protection

WARNINGS



The anti-trap function is deactivated until the memory has been reset. Careless closing of the window can cause injuries.



Careless closing of the power moonroof can override the anti-trap protection and cause injuries.

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

To override anti-trap protection when there is a resistance, e. g. in the winter, proceed as follows:

WARNING



While the moonroof is being closed for the third time, the anti-trap function is disabled. Make sure there are no obstacles in the way of the closing moonroof.

Close the moonroof a third time to the resistance. The anti-trap function is disabled and the moonroof cannot be closed automatically. The moonroof will override the resistance and can then be closed fully.

If the moonroof does not close after the third attempt, have it checked by an expert.

Moonroof safety mode

WARNING



The anti-trap function is not active during this procedure. Make sure that there are no obstacles in the way of the closing moonroof.

If the system detects a malfunction, it enters a safety mode. The moonroof will move for only about 0.5 seconds at a time and then stop again. Close the moonroof by pressing the button again when the moonroof stops moving. When the rear of the moonroof is lifted, lift the rear all the way and then close the moonroof. Have the system checked by an expert immediately.

Moonroof relearning

WARNING



The anti-trap function is not active during this procedure. Make sure that there are no obstacles in the way of the closing moonroof.

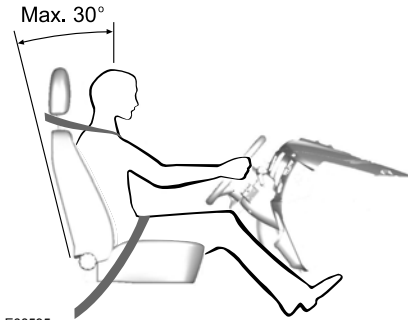
In case the moonroof no longer closes properly, follow this relearning procedure:

- Tilt the rear of the moonroof as far as possible. Release the button.
- Press and hold the same button again for 30 seconds until you see the moonroof move.
- Release the button and immediately press and hold it again. The moonroof will close, open fully and then close again. Do not release the button before the moonroof has reached the closed position for the second time.

If the button is not pressed continuously, the relearning function will be interrupted. Start the procedure once more from the beginning.

Seats

SITTING IN THE CORRECT POSITION



WARNINGS



Do not adjust the seats when the vehicle is moving.



Only when you use the safety belt properly, can it hold you in a position that allows the airbag to achieve its optimum effect.

When you use them properly, the seat, head restraint, safety belt and airbags will provide optimum protection in the event of a collision. We recommend that you:

- sit in an upright position with the base of your spine as far back as possible.
- do not recline the seatback more than 30 degrees.
- adjust the head restraint so that the top of it is level with the top of your head and as far forwards as possible, remaining comfortable.
- keep sufficient distance between yourself and the steering wheel. We recommend a minimum of 250 millimeters (10 inches) 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.

MANUAL SEATS

Moving the seats backwards and forwards



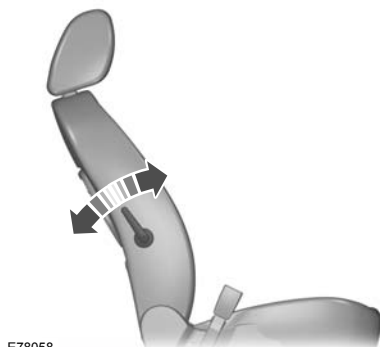
WARNING



Rock the seat backwards and forwards after releasing the lever to make sure that it is fully engaged in its catch.

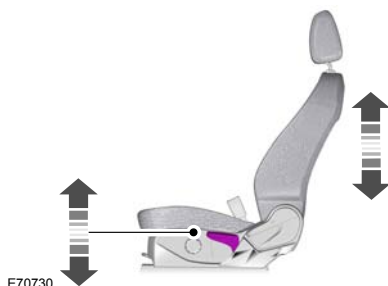
Seats

Adjusting the lumbar support



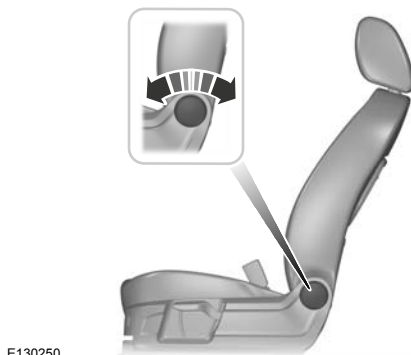
E78058

Adjusting the height of the driver's seat



E70730

Adjusting the angle of the seatback



E130250

HEAD RESTRAINTS

Adjusting the head restraint

WARNINGS

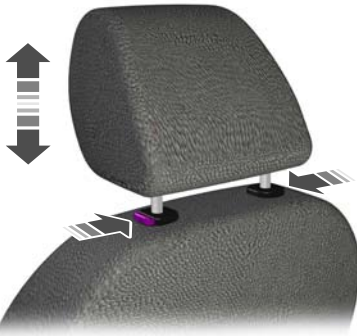


Raise the rear head restraint when the rear seat is occupied by a passenger.



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

Seats



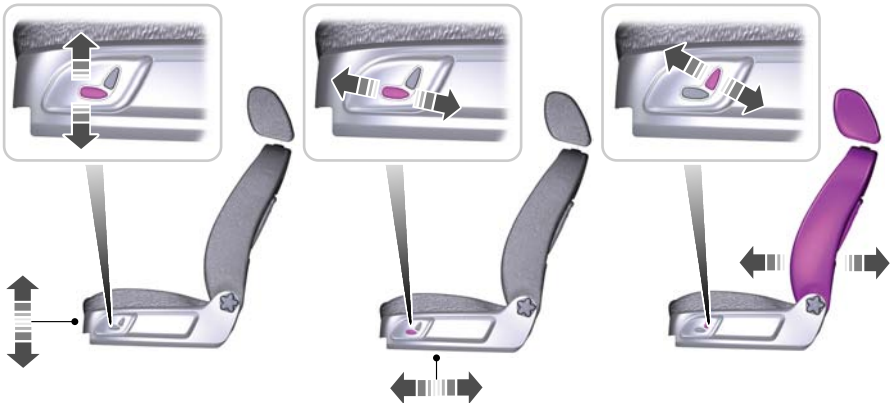
E66539

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.

POWER SEATS - VEHICLES WITH: 6-WAY POWER SEATS



E78060

REAR SEATS

WARNINGS



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

WARNINGS



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

Seats

Folding the rear seatbacks forwards

WARNING

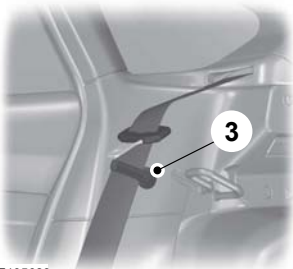


Lower the head restraints. See **Head Restraints** (page 108).



E135629

1. Press and hold the unlock buttons.
2. Push the seatback forwards.



E135628

Note: Make sure that the safety belt is fully tightened into the retractor.

3. Place the safety belts in the clips on the outboard trim.

Folding the seat cushions and the rear seatbacks forwards

WARNINGS



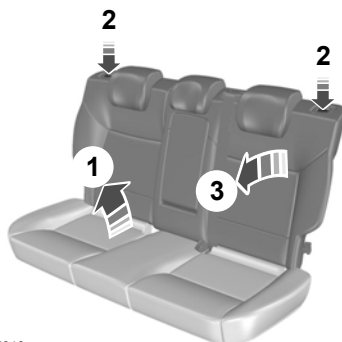
Make sure the red indicator is not showing when you engage the seat in the catches.



Lower the head restraints. See **Head Restraints** (page 108).



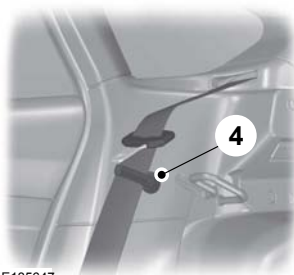
When inserting your fingers between the seat cushion and seatback, take care not to get your fingers caught on the ISOFIX anchor points and bracket. See **ISOFIX Anchor Points** (page 25).



E135646

Note: Hold the cushion edge to avoid the ISOFIX anchor points and brackets.

1. Insert your fingers between the seat cushion and seatback and fold the seat cushion forwards.
2. Press and hold the unlock buttons.
3. Push the seatback forwards.



E135647

Note: Make sure that the safety belt is fully tightened into the retractor.

4. Place the safety belts in the clips on the outboard trim.

Folding the seatbacks up

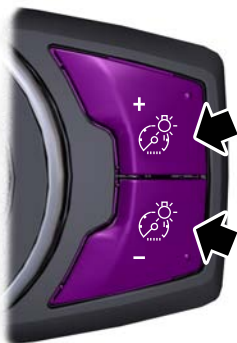
WARNING



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

Convenience features

INSTRUMENT LIGHTING DIMMER



E132712

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

Note: If the battery is disconnected, discharged, or a new battery is installed, the dimmer will set the illuminated components to the maximum setting automatically.

CLOCK

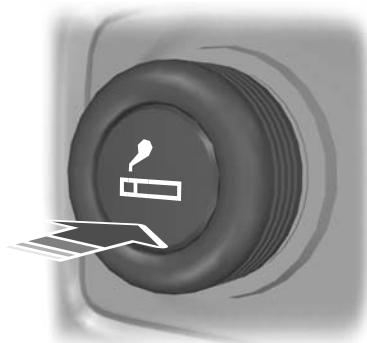
See **Information Displays** (page 80).

CIGAR LIGHTER

CAUTIONS

-  If you use the socket when the engine is not running, the battery may discharge.
-  Do not hold the cigar lighter element pressed in.

Note: You can use the socket to power 12 volt appliances that have a maximum current rating of 10 Amperes. Use only Ford accessory connectors or connectors specified for use with SAE standard sockets.



E132415

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

AUXILIARY POWER POINTS

CAUTION

-  If you use the socket when the engine is not running, the battery may discharge.

Note: You can use the socket to power 12 volt appliances that have a maximum current rating of 10 Amperes. Use only Ford accessory connectors or connectors specified for use with SAE standard sockets.



E78056

Auxiliary power sockets are located in the center console and in the luggage compartment.

Convenience features

CUP HOLDERS

WARNING



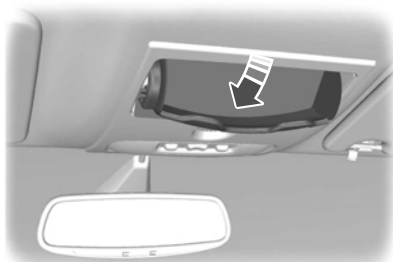
Do not place hot drinks in the cup holders when the vehicle is moving.

Rear seat armrest

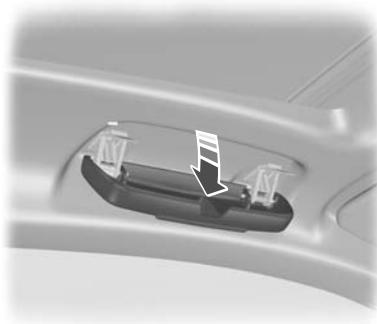


E132505

GLASSES HOLDER



E75193



E91508

AUDIO INPUT JACK

You can find the socket in the glove box or the center console. See **Auxiliary input jack** (page 219).

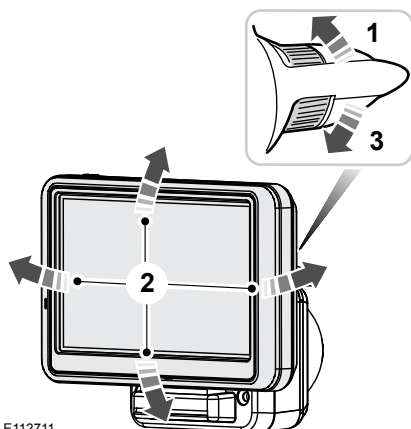
USB PORT

You can find the socket in the glove box or the center console.

Convenience features

SATELLITE NAVIGATION UNIT HOLDER

Adjusting the holder



E112711

1. Unlock.
2. Adjust the holder to the desired position.
3. Lock.

Note: Make sure that the navigation unit holder is locked in position.

FLOOR MATS

WARNING



When using the floor mats, always make sure the floor mat is properly secured using the appropriate fixings and positioned so that it does not interfere with the operation of the pedals.

Starting and Stopping the Engine

GENERAL INFORMATION

General points on starting

If the battery has been disconnected the vehicle may exhibit some unusual driving characteristics for approx. 8 kilometers (5 miles) after reconnecting the battery.

This is because the engine management system must realign itself with the engine. Any unusual driving characteristics during this period may be disregarded.

Starting the engine by towing or pushing

WARNING



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

See **Jump Starting the Vehicle** (page 186).

IGNITION SWITCH

WARNING



Never return the key to position **O** or **I** when the vehicle is in motion.



E72128

O The ignition is off.

I The ignition and all main electrical circuits are disabled.

Note: Do not leave the ignition key in this position for too long to avoid discharging the battery.

II The ignition is switched on. All electrical circuits are operational. Warning lamps and indicators illuminate. This is the key position when driving. You must also select it when being towed.

III The starter motor is activated. 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.

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 GASOLINE ENGINE

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

Cold or hot engine

Vehicles with manual transmission

Note: Do not touch the accelerator pedal.

Starting and Stopping the Engine

Note: Releasing the clutch pedal during engine start may stop the engine cranking and return to ignition on.

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

Vehicles with automatic transmission

Note: Do not touch the accelerator pedal.

Note: Releasing the brake pedal during engine start may stop the engine cranking and return to ignition on.

1. Move the transmission selector lever to position P or N.
2. Fully depress the brake pedal.
3. Start the engine.

All vehicles

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

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

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

Flooded engine

Vehicles with manual transmission

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

Vehicles with automatic transmission

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

4. Start the engine.

All vehicles

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

Engine idle speed after starting

The speed at which the engine idles immediately after starting will vary depending on the engine temperature.

The idle speed is automatically increased when the engine is cold this is to heat the catalytic converter. This keeps the vehicle emissions to an absolute minimum.

The idle speed will slowly decrease to the normal level as the catalytic converter warms up.

STARTING A DIESEL ENGINE

Cold or hot engine

All vehicles

Note: When the temperature is below -15°C (5°F), you may need to crank the engine for up to 25 seconds.

Note: Continue cranking the engine until it starts.

Note: You can only operate the starter for a maximum of 30 seconds at a time.



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

Vehicles with manual transmission

Note: Do not touch the accelerator pedal.

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

Vehicles with automatic transmission

1. Select park or neutral.

Starting and Stopping the Engine

2. Fully depress the brake pedal.
3. Start the engine.

KEYLESS STARTING

WARNINGS



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



Always check that the steering wheel lock is deactivated before attempting to move your vehicle. See **Steering Wheel Lock** (page 115).

Note: The ignition may automatically switch off after a period of time if your vehicle has been left unattended with the ignition on. This is to prevent the vehicle battery from discharging.

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

Note: To start your engine you must also fully depress the brake or clutch pedal, depending on the transmission fitted.



E85766

Ignition on

Press the button once. All electrical circuits are operational, warning lamps and indicators illuminate.

Starting with manual transmission

Note: Releasing the clutch pedal during engine start will stop the engine cranking and return to ignition on.

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

Starting with automatic transmission

Note: Releasing the brake pedal during engine start may stop the engine cranking and return to ignition on.

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

Starting a diesel engine

Note: Engine cranking may not commence until the engine glow plug cycle has been completed. This may take several seconds in extremely cold conditions.

Note: Continue to press the clutch or brake pedal until engine cranking begins.

Failure to start

The passive starting system will not function if:

- The passive key frequencies are jammed.
- The passive key battery is flat.

If you are unable to start your vehicle carry out the following procedure.

Starting and Stopping the Engine

Stopping the engine with the vehicle stationary

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

Manual transmission

Briefly press the button.

Automatic transmission

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

Stopping the engine when the vehicle is moving

WARNING

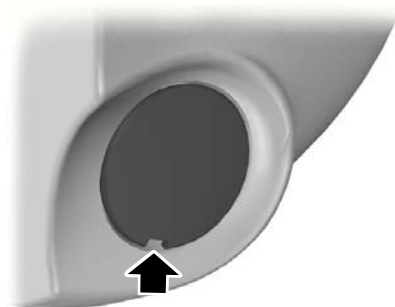


Switching off the engine when the vehicle is still moving will result in a loss of brake and steering assistance. The steering will not be locked, but higher effort will be required. When the ignition is switched off some electrical circuits, warning lamps and indicators may also be OFF.

Press and hold the button or press twice within two seconds.

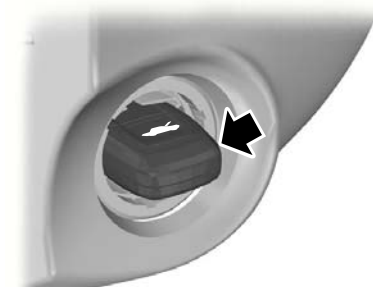
DIESEL PARTICULATE FILTER

The DPF forms part of the emissions reduction systems fitted to your vehicle. It filters harmful diesel particulates (soot) from the exhaust gas.



E87381

1. Carefully prise out the cover.



E85767

2. Insert the key into the key holder.



E85766

3. With the key in this position you can press the button to switch the ignition on and start your vehicle.

Starting and Stopping the Engine

Regeneration

WARNING



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

CAUTION



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

Unlike a normal filter which requires periodic replacement, the DPF has been designed to regenerate, or clean itself to maintain operating efficiency. The regeneration process takes place automatically. However, some driving conditions mean that you may need to support the regeneration process.

If you drive only short distances or your journeys contain frequent stopping and starting, where there is increased acceleration and deceleration, occasional trips with the following conditions will assist the regeneration process:

- Drive your vehicle at a constant speed, preferably on a main road or highway, for up to 20 minutes.
- Avoid prolonged idling and always observe speed limits and road conditions.
- Do not switch off the ignition.
- Use a lower gear than normal to maintain a higher engine speed during this journey, where appropriate.

SWITCHING OFF THE ENGINE

Vehicles with a turbocharger

CAUTION



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.

PRINCIPLE OF OPERATION

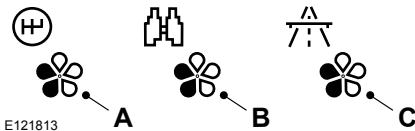
The system assists the driver to drive more efficiently by constantly monitoring characteristics of gear changing, anticipation of traffic conditions and speeds on freeways and open roads.

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 disciplines but also influenced by many other factors such as short journeys and cold starts.*

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

The value of these characteristics is represented by petals shown in the display, with five petals being the most efficient. The more efficiently you drive, the better the rating, and the better your overall fuel consumption.

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

Adjusting your vehicle speed and the distance to other vehicles without the need for heavy braking or acceleration will improve fuel consumption.

Efficient speed

Higher speeds use more fuel. Reducing your cruising speed on open roads will improve fuel consumption.

Type 2 and 3

The relevant information will be shown in the display.

USING ECO MODE

The system is accessed using the relevant information display menu. See **Information Displays** (page 80).

Resetting Eco mode

Reset the average fuel consumption.

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

Fuel and Refueling

SAFETY PRECAUTIONS

WARNINGS



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



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

FUEL QUALITY - GASOLINE

CAUTION



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

Note: *We recommend that you use only high quality fuel without additives or other engine treatments.*

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

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

FUEL QUALITY - DIESEL

WARNING



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

CAUTIONS



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: *The use of additives or other engine treatments not approved by Ford is not recommended.*

Note: *We do not recommend the prolonged use of additives intended to prevent fuel waxing.*

Long-term storage

Most diesel fuels contain bio-diesel, it is recommended to fill the tank with purely mineral diesel (where available) or add an anti-oxidant prior to long-term storage of your vehicle exceeding two months. Your dealer can help you with a suitable anti-oxidant.

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

CAUTIONS



Avoid running out of fuel.

Fuel and Refueling

CAUTIONS

- ⚠ Do not crank the engine for long periods.
- ⚠ Do not run the engine when a spark plug lead is disconnected.
- ⚠ Do not push-start or tow-start your vehicle. Use booster cables. See **Jump Starting the Vehicle** (page 186).
- ⚠ Do not switch the ignition off when driving.

FUEL FILLER DOOR

WARNINGS

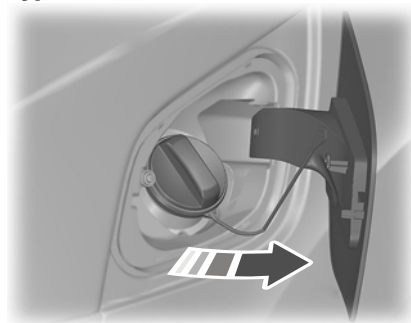
- ⚠ Take care when refueling to avoid spilling any residual fuel from the fuel nozzle.
- ⚠ Do not use any kind of flames or heat near the fuel system. The fuel system is under pressure. There is a risk of injury if the fuel system is leaking.

CAUTION

- ⚠ 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 millimeters (8 inches).

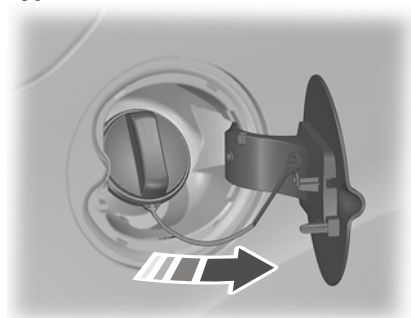
Vehicles equipped with cap system

Type 1



E144241

Type 2



E144295

1. Press/pull the flap to open it.
2. Open the door fully until it engages. Turn the fuel filler cap counterclockwise.
3. When the filler cap is removed, a hissing noise may be heard. This is normal and should be disregarded.
4. To close, turn the fuel filler cap clockwise until it clicks.
5. Close the fuel filler flap.

Fuel and Refueling

Note: Fuel filler flap is automatically locked when vehicle is locked.

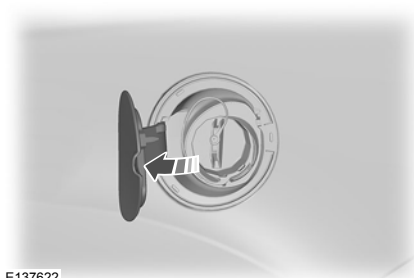
Vehicle equipped with capless system

Type 1



E86613

Type 2



E137622

1. Press/pull the flap to open it.
2. Close the fuel filler flap.

Note: Fuel filler flap is automatically locked when vehicle is locked.

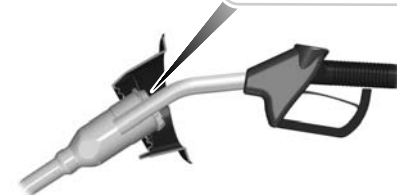
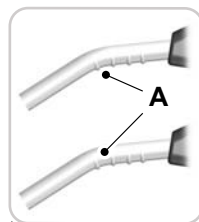
Filling

WARNING



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

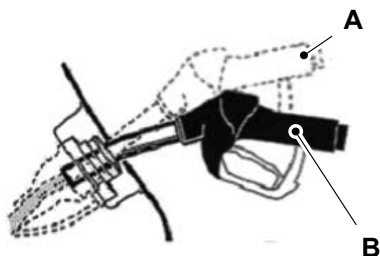
Note: When you insert the fuel nozzle, a spring loaded inhibitor will open if the correct size nozzle is detected. This helps to avoid filling up with the wrong fuel.



E139202

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

Fuel and Refueling

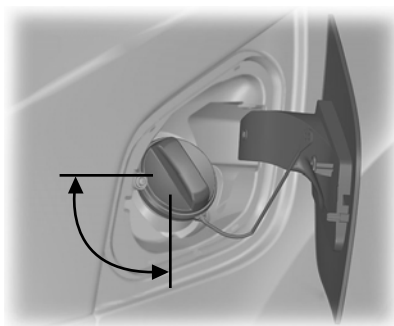


E139203

- A Incorrect position
- B Correct position

3. Do not lift the nozzle during refilling. This can affect the flow of fuel and shut off of the fuel nozzle before the fuel tank is full.

4. Operate the nozzle within the area shown.



E144296

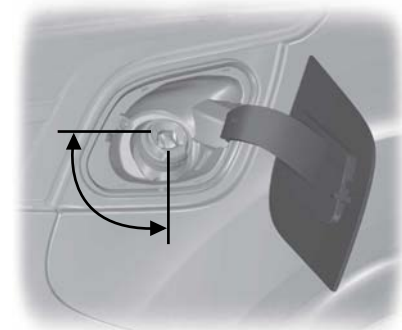
WARNINGS



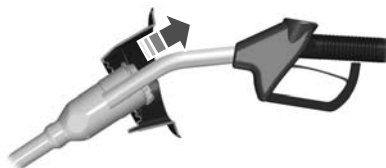
We recommend that you remove the fuel nozzle slowly to allow any residual fuel to drain into the fuel tank. Alternatively you can wait 10 seconds before removing the fuel nozzle.



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



E139205



E119081

5. Slightly raise the fuel nozzle to remove it.

Refueling with a fuel can

Use the funnel which is located in the spare wheel well.

Fuel and Refueling

FUEL CONSUMPTION

The CO₂ and fuel consumption figures are derived from laboratory tests according to EEC Directive 80/1268/EEC and subsequent amendments and are carried out by all vehicle manufacturers.

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 including; driving style, high speed driving, stop/start driving, air conditioning usage, the accessories fitted and towing etc.

Your Ford dealer can give you advice on improving your fuel consumption.

TECHNICAL SPECIFICATIONS

Focus

Fuel Consumption Figures

Variant	Urban	Extra-Urban	Combined	CO ₂ Emissions
	l/100 km (mpg)	l/100 km (mpg)	l/100 km (mpg)	g/km
1.6L Duratec-16V Ti-VCT - Sigma, manual transmission	8.7 (32.5)	4.9 (57.6)	6.3 (44.8)	147
1.6L Duratec-16V Ti-VCT - Sigma, vehicles with automatic transmission	9.3 (30.4)	4.9 (57.7)	6.5 (43.5)	153
2.0L Duratec - HE (M14), vehicles with manual transmission	9.2 (30.7)	5.1 (55.4)	6.6 (42.8)	154
2.0L Duratec - HE (M14), vehicles with automatic transmission	9.4 (30.0)	5.2 (54.3)	6.7 (42.2)	156
2.0L Duratorq-TDCi (DW) - Diesel, vehicles with manual transmission	6.4 (44.1)	4.4 (64.2)	5.1 (55.4)	134
2.0L Duratorq-TDCi (DW) - Diesel, vehicles with automatic transmission	6.8 (41.5)	4.6 (61.4)	5.4 (52.3)	142

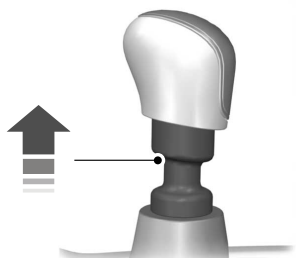
Transmission

MANUAL TRANSMISSION

Selecting reverse gear

CAUTION

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



E99067

On some vehicles it is necessary to raise the collar whilst selecting reverse gear.

Vehicles with 5-speed transmission

CAUTION

⚠ Fully depress the clutch pedal and wait for three seconds before you select reverse gear.

AUTOMATIC TRANSMISSION

Selector lever positions



E133124

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

WARNING



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

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

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

Park

WARNINGS



Select park only when your vehicle is stationary.

Transmission

WARNINGS



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

Note: An audible warning will sound if you open the driver's door and you have not selected park.

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

Reverse

WARNINGS



Select reverse only when your vehicle is stationary and the engine is at idle speed.



Always come to a complete stop before shifting out of reverse.

Select reverse to allow the vehicle to move backwards.

Neutral

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

Drive

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

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

Select drive to shift automatically through the forward gears.

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

Sport mode and manual shifting

Sport Mode

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

Note: In **Sport** mode **S** will be displayed on the instrument panel.

Activate **Sport** mode by moving the selector lever to position **S**. **Sport** mode will remain active until either you shift manually up or down the gears using **+** and **-**, or return the selector lever to position **D**.

Manual shifting

WARNING



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

CAUTION



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

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

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

Manual mode also provides a kickdown function. See **Kickdown**.

Hints on driving with an automatic transmission

CAUTION



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

Transmission

Moving off

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

Stopping

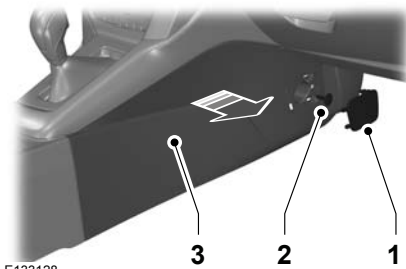
1. Release the accelerator pedal and press the brake pedal.
2. Apply the parking brake.
3. Select neutral or park.

Kickdown

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

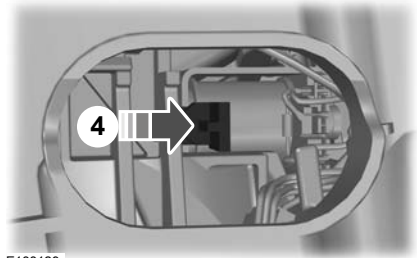
Emergency park position release lever

Use the lever to move the selector lever from the park position in the event of an electrical malfunction or if your vehicle has a flat battery.



E133128

1. Carefully remove the cover.
2. Remove the retaining clip.
3. Remove the center console side panel.



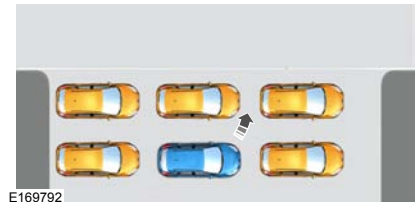
E133129

Note: The lever is white.

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

PARK LOCK CONTROL

Park lock control allows you to shift the automatic transmission selector lever from P (Park) to N (Neutral) after you have switched the ignition off. You can use this feature when double parking your vehicle. Parking your vehicle parallel to an already parked vehicle is double parking.



E169792

Note: This feature can be switched on or off in the information display. See **General Information** (page 80).

Note: For vehicles without an information display, see an authorized dealer.

Note: You must switch the ignition on when switching on or off the park lock control.

Transmission

To use this feature, carry out the following steps within 30 seconds after you switch the ignition off and before the driver's door is opened.

1. Select park and switch off the vehicle.
2. Remove the key.
3. Press and hold the brake pedal.
4. Select neutral.

Note: *Opening the driver's door or 30 seconds after you switch the ignition off will deactivate the park lock control, until the next ignition cycle.*

Brakes

PRINCIPLE OF OPERATION

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

Note: Occasional brake noise is normal and often does not indicate a concern. In normal operation, the system may emit occasional or intermittent squeal or groan noises when the brakes are applied. Such noises are usually caused by environmental conditions such as cold, heat, moisture, road dust, salt or mud.

Disc brakes

Wet brake discs result in reduced braking efficiency. Dab the brake pedal when driving from a car wash to remove the film of water.

ABS

WARNING



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

The ABS helps you to maintain full steering and directional stability when you brake heavily in an emergency, by preventing the road wheels 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 ABS will not eliminate the risks when:

- you drive too close to the vehicle in front of you
- the vehicle is aquaplaning
- you take corners too fast
- the road surface is poor.

PARKING BRAKE

WARNING



Vehicles with an automatic transmission should always be left with the selector lever in position **P (Park)**.

- Press the foot brake pedal firmly.
- Pull the parking brake lever up smartly to its fullest extent.
- Do not press the release button while pulling the lever up.
- If your vehicle is parked on a hill and facing uphill, select first gear or **P (Park)** and turn the steering wheel away from the curb.
- If your vehicle is parked on a hill and facing downhill, select reverse gear or **P (Park)** and turn the steering wheel towards the curb.

To release the parking brake, press the brake pedal firmly, pull the lever up slightly, depress the release button and push the lever down.

Stability Control

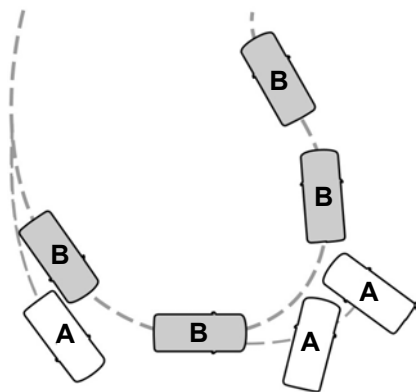
PRINCIPLE OF OPERATION

Electronic stability program (ESP)

WARNING



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



E72903

- A without ESP
- B with ESP

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

The system also provides an enhanced traction control function by reducing engine torque and may brake individual wheels if they 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 (ESP) warning lamp

The ESP warning lamp will flash when the system is operating. See **Warning Lamps and Indicators** (page 76).

Emergency brake assist

WARNING



Emergency brake assist does not relieve you of your responsibility to drive with due care and attention.

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

Trailer stability control

WARNING



Trailer stability control does not relieve you of your responsibility to tow with due care and attention.

Trailer stability control is an enhanced feature of ESP, and automatically detects when an attached trailer starts to sway.

If this situation occurs, the system will automatically brake individual wheels to stabilize the trailer and vehicle. In case a very severe sway is detected, the engine torque will be reduced and the vehicle will be slowed automatically.

**USING STABILITY CONTROL -
1.0L ECOBOOST™/1.6L
DURATEC-16V (SIGMA)/1.6L
ECOBOOST SCTI (SIGMA)/
2.0L DURATEC-HE (MI4), 1.6L
DURATORQ-TDCI (DV)
DIESEL/2.0L DURATORQ-TDCI
(DW) DIESEL**

Note: *The system will be switched on automatically every time you switch the ignition on.*

To turn the system off and on. See **Information Displays** (page 80).

Hill Start Assist

PRINCIPLE OF OPERATION

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

When the system is active, the vehicle will remain stationary on the slope for a short time after you release the brake pedal. During this time, you have time to move your foot from the brake to the accelerator pedal and pull away. The brakes are released automatically once the engine has developed sufficient drive to prevent the 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.

WARNING



The system does not replace the parking brake. When you leave the vehicle, always apply the parking brake and select first or reverse gear.

USING HILL START ASSIST

The system is activated automatically when you stop your vehicle on a slope greater than 3%. The system operates with the vehicle facing downhill if reverse gear is selected and with the vehicle facing uphill if any forward gear is selected.

Vehicles with manual transmission only

The system can be switched on and off using the information display. See **General Information** (page 80).

Activating the system

WARNINGS



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

WARNINGS



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



If a malfunction is detected when the system is active, the system will be deactivated and a message will be shown in the display. See **Information Messages** (page 88).

You can activate the system only if the following conditions have been met:

- The engine is running.
- The system is switched on.
- On vehicles with manual transmission, the clutch pedal is pressed.
- No failure mode is present.

To activate the system:

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

Deactivating the system

To deactivate the system, perform **one** of the following:

Hill Start Assist

- Wait for a short time until the system deactivates automatically.
- If a forward gear was selected when the system became active, select reverse gear.
- If reverse gear was selected when the system became active, select a forward gear.

Parking Aids

PRINCIPLE OF OPERATION

WARNING



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

CAUTIONS



Vehicles fitted with a trailer tow module not approved by us may not correctly detect obstacles.



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 parking aid does not detect obstacles moving away from the vehicle. They will only be detected shortly after they start to move towards the vehicle again.



If you use a high pressure spray to wash your vehicle, only spray the sensors briefly from a distance not less than 20 centimeters (8 inches).



Parking aid sends tones via the audio system fitted and approved by us. If this is not working the parking aid system will not work.

Note: On vehicles fitted with a tow ball arm, the rear parking aid is deactivated automatically when any trailer lamps (or lighting boards) are connected to the 13-pin socket via a trailer tow module we have approved.

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

Note: The parking aid may emit false tones if it detects a signal using the same frequency as the sensors or if the vehicle is fully laden.

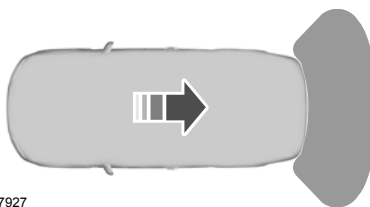
Note: The outer sensors may detect the side walls of a garage. If the distance between the outer sensor and the side wall remains constant for three seconds, the tone will switch off. As you continue, the inner sensors will detect rearward objects.

PARKING AID - VEHICLES WITH: REAR PARKING AID

WARNING



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

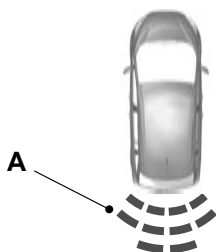


E77927

The parking aid is automatically activated when you select reverse gear with the ignition switched on.

You will hear an intermittent tone at a distance of approximately 150 centimeters (59 inches) between the obstacle and rear bumper and approximately 50 centimeters (20 inches) to the side. Decreasing the distance accelerates the intermittent tone.

Parking Aids



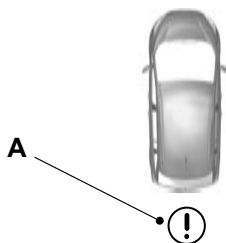
E130178

A Distance Indicator.

As the distance decreases the indicator moves towards the vehicle.

A continuous tone will start at a distance of less than 30 centimeters (11 inches) to the rear bumper.

Note: *On Vehicles with a tow bar fitted and approved by us the continuous tone will start at a distance of 45 centimeters (18 inches) from the rear bumper.*



E130179

A Malfunction indicator.

Note: *If a malfunction is indicated the system will be disabled. Have the system checked by a properly trained technician.*



E130180

A trailer symbol indicates there is a trailer attached and the system is disabled.

PARKING AID - VEHICLES WITH: FRONT AND REAR PARKING AID

WARNING



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

Switching the parking aid on and off

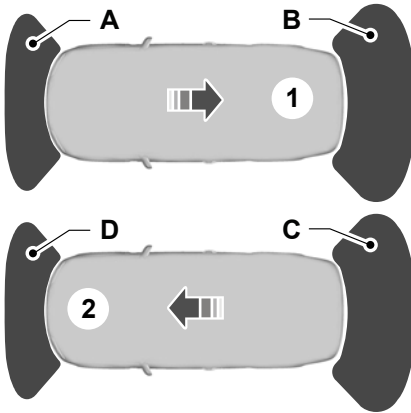
The parking aid is per default off. To switch the parking aid on, select reverse gear or press the switch in the instrument panel. For item location: See **At a Glance** (page 11) . .

The light in the switch illuminates when the parking aid is activated.

To turn it off, press the switch again.

Parking Aids

Maneuvering with the parking aid



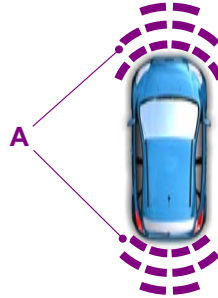
E130381

- 1 Reverse gear selected
- 2 Neutral or forward gear selected
- A Display and tone
- B Display and tone
- C Display only
- D Display and tone

You will hear an intermittent tone at a distance of approximately 150 centimeters (59 inches) between the obstacle and rear bumper, approximately 80 centimeters (31 inches) between the obstacle and front bumper and approximately 50 centimeters (20 inches) to the side. Decreasing the distance accelerates the intermittent tone. A continuous tone will start at a distance of less than 30 centimeters (11 inches) to the front or rear bumper.

Note: On vehicles with a tow bar fitted and approved by us the continuous tone will start at a distance of 45 centimeters (18 inches) from the rear bumper.

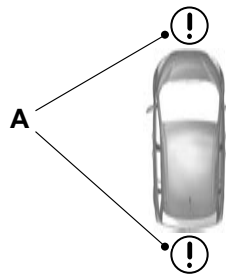
You will hear an alternating tone from the front and rear if obstacles are closer than 30 centimeters (11 inches) to the front and rear bumpers.



E130382

A Distance Indicator.

As the distance decreases the indicator moves towards the vehicle.



E130383

A Malfunction indicator.

Note: If a malfunction is indicated the system will be disabled. Have the system checked by a properly trained technician.

Parking Aids



E130180

A trailer symbol indicates there is a trailer attached and the rear sensors are disabled.

Rear view camera

PRINCIPLE OF OPERATION

The camera is a visual aid for use when reversing.

WARNING



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

CAUTIONS



If you use a high pressure spray to wash your vehicle, only spray the camera briefly from a distance not less than 20 centimeters (8 inches).



Do not apply pressure to the camera.

Note: *Keep the camera free from dirt, ice and snow. Do not clean with sharp objects, degreaser, wax or organic products. Use only a soft cloth.*

During operation, guide lines appear in the display which represent your vehicle's path and approximate distance from rearward objects.

REAR VIEW CAMERA

WARNINGS



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



The distances shown in the display may differ from the actual distance.



Do not place objects in front of the camera.

The camera is located on the luggage compartment lid near the handle.



E99105

Activating the rear view camera

CAUTION



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

With the ignition and the audio unit switched on:

1. Press the parking aid switch in the instrument panel. For item location: See **At a Glance** (page 11). Or,
2. Engage reverse gear.

The image is displayed on the screen.

The lamp in the switch illuminates when the system is activated.

The camera may not operate correctly in the following conditions:

- Dark areas.
- Intense light.
- If the ambient temperature increases or decreases rapidly.
- If the camera is wet, for example in rain or high humidity.
- If the camera's view is obstructed, for example by mud.

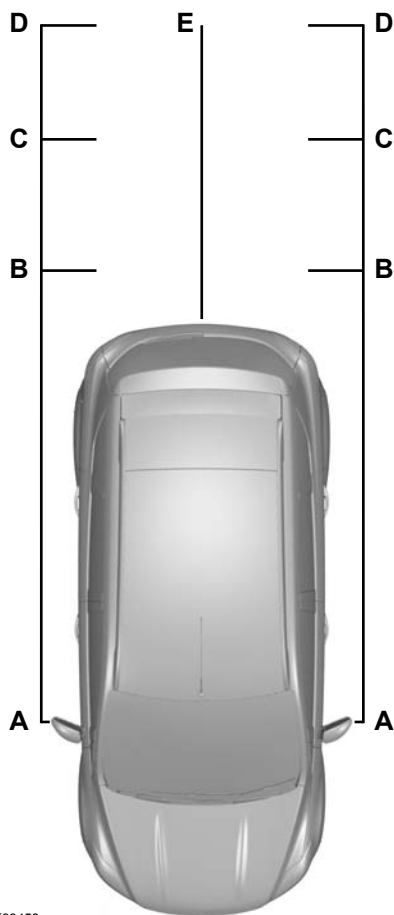
Rear view camera

Using the display

CAUTIONS

- ⚠ Obstacles above the camera position will not be shown. Inspect the area behind your vehicle if necessary.
- ⚠ Marks are for general guidance only, and are calculated for vehicles in maximum load conditions on an even road surface.

The lines show a projected vehicle path (based on the current steering wheel angle) and the distance from the exterior mirrors and rear bumper.



E99458

- A Exterior mirror clearance - 0.1 meter (4 inches)
- B Red - 0.3 meter (12 inches)
- C Yellow - 0.6 meter (24 inches)
- D Green - 0.9 to 3.2 meters (35 to 126 inches)

Rear view camera

Note: *When reversing with a trailer, the lines on the screen are not shown.*

Deactivating the rear view camera

Note: *Disengage reverse gear. The display will stay on for a short period before switching off.*

Note: *The system will automatically switch off once the vehicle speed has reached approximately 15 km/h (9 mph).*

Press the parking aid switch in the instrument panel. For item location: See

At a Glance (page 11).

Vehicles with parking aid

The display will additionally show a coloured distance bar. This guide indicates the distance from the rear bumper to the detected obstacle.

These are colour coded as follows:

- Green - 0.6 to 1.8 meters (24 to 71 inches).
- Yellow - 0.3 to 0.6 meter (12 to 24 inches).
- Red - 0.3 meter (12 inches) or less.

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 the vehicle, supervising the system and intervening if required.



You must observe that the selected space remains clear of obstructions at all times in the manoeuvre.



Vehicles with overhanging loads, street furniture and other items may not be detected by the system. You must make sure that the selected space is suitable for parking.



Do not use the system if a trailer is attached to the vehicle.



Do not use the system if a bike rack is attached to the back of the vehicle.



Do not use the system if an overhanging item is attached to the roof.



If the manoeuvre is interrupted before completion, the system will be disabled. The steering wheel position will not indicate the true position of the steering and you will have to take control of the vehicle.



Make sure that loose clothing, your hands or your arms do not get caught in the rotating steering wheel.

The system will detect a suitable parallel parking space and steer the vehicle into the space. The system controls the steering while the driver controls the accelerator, transmission and brakes. The manoeuvre can be stopped at any time by holding the steering wheel or pressing the active park assist switch. See **At a Glance** (page 11).

The system will visually and audibly instruct the driver throughout the procedure to safely park the vehicle.

USING ACTIVE PARK ASSIST

CAUTIONS



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 sensors may not detect the curb.

Note: *If the traction control system is disabled active park assist will not be available. See **General Information** (page 80).*

The system will not align the vehicle correctly if:

- a spare tire, or a tire worn significantly more than the other tires is used
- the factory installed tire size is not used on the vehicle
- the tires skid
- you allow the vehicle to roll
- the weather conditions are poor (heavy rain, snow, fog, etc).

Active Park Assist

Move forwards at a maximum speed of 30 km/h (18 mph). Press the active park assist switch. See **At a Glance** (page 11). Use the direction indicator lever to select searching either to the left-hand side or

right-hand side of the vehicle.

Note: If no selection is made via the direction indicator lever the system will default to the passenger side of the vehicle.



E130107

Note: To disable the chimes: See **Personalized Settings** (page 88).

The information and entertainment display will inform you and a chime will be heard when a suitable space is found. To park the vehicle, follow the instructions on the information and entertainment display.

Note: The arrow symbols or graphics in the display indicate on which side of the vehicle the system will park. The display will also advise you when to select reverse gear.

Slow down and stop at approximately position **A**, then follow the system instructions.

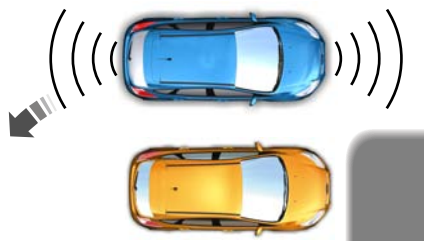


E130108

WARNING



If a speed of 10 km/h (6 mph) is exceeded the system will be disabled and you will need to take full control of the vehicle.

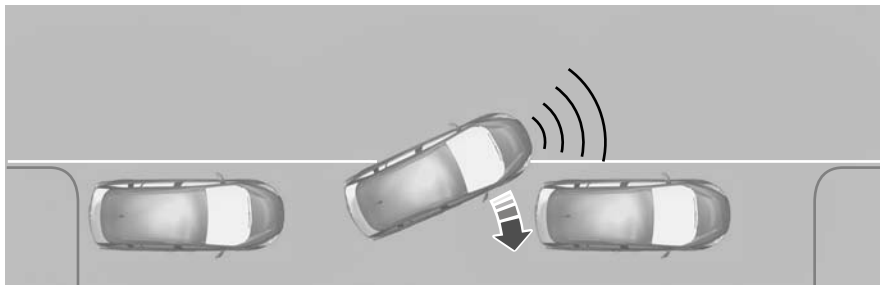


Move the vehicle backwards cautiously using the accelerator and brake pedals to control the vehicle. Parking aid warning tones will sound. Stop the vehicle when you hear a continuous tone.

Active Park Assist

You can take control of the maneuver by holding the steering wheel. A message may appear that the system can be resumed.

To accept this message press the active park assist switch. See **At a Glance** (page 11).



E130109

Move the vehicle forwards. Stop the vehicle when you hear a continuous tone.

Repeat the above steps until the vehicle is satisfactory parked. The display will indicate when the system has finished the maneuver.

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 30 km/h (20 mph).

USING CRUISE CONTROL

WARNING



Do not use cruise control in heavy traffic, on twisty roads or when the road surface is slippery.

Switching cruise control on



E153843

Note: The system is ready for you to set a speed.

Setting a speed

Press the **SET+** switch or the **SET-** switch to store and maintain your current speed. The cruise control indicator will illuminate. See **Warning Lamps and Indicators** (page 76).

Changing the set speed

WARNING



When you are going downhill, your speed may increase above the set speed. The system will not apply the brakes. Change down a gear and press the **SET-** switch to assist the system in maintaining the set speed.

Note: If you accelerate by pressing the accelerator pedal, the set speed will not change. When you release the accelerator pedal, you will return to the speed that you previously set.



E153844

- A Accelerate
- B Decelerate

Cruise Control

Canceling the set speed

Press the brake pedal or pull the **CAN** switch.

Note: *The system will no longer control your speed. The cruise control indicator will not illuminate but the system will retain the speed that you previously set.*

Resuming the set speed

Pull the **RES** switch.

The cruise control indicator will illuminate and the system will attempt to resume the speed that you previously set.

Switching cruise control off



E153843

The system will not retain the speed that you previously set. The cruise control indicator will not illuminate.

Adaptive cruise control (ACC)

PRINCIPLE OF OPERATION

WARNINGS



The system is not a collision warning or avoidance system. The separate forward alert function provides a collision warning and mitigation feature. See **Forward alert function** (page 151). You must intervene if the system does not detect a vehicle in front.



When driving you are responsible for maintaining the correct distance and speed, even when adaptive cruise control is used. You must always pay attention to the traffic conditions and intervene when adaptive cruise control is not maintaining a suitable speed or suitable distance.



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



The system does not brake for slow or stationary vehicles, pedestrians, objects in the road, oncoming and crossing vehicles.

Note: When adaptive cruise control is activated, you may hear some unusual sounds during automatic braking. This is normal and caused by the automatic braking system.

Note: Keep the front of the vehicle free from dirt, metal badges or objects, including vehicle front protectors and additional lights which may prevent the sensor from operating.

The system is designed to help you maintain a gap from the vehicle ahead or a set road speed if there is no slower vehicle ahead. The system is intended to provide enhanced operation of the vehicle when following other vehicles which are in the same lane and traveling in the same direction.

The system is based on the use of a radar sensor which projects a beam directly forward of the vehicle. This beam will detect any vehicle ahead within the system's range.

The radar sensor is mounted behind the front grille.

CAUTIONS



Only use adaptive cruise control when conditions are favorable, for example on freeways and main roads with steady free flowing traffic.



Do not use in poor visibility, specifically fog, heavy rain, spray or snow.



Do not use on icy or slippery roads.



Do not use the system when entering or leaving a freeway.

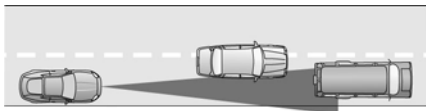


The radar sensor has a limited field of vision. In some situations it may detect a vehicle other than the one expected or not detect any vehicle at all.

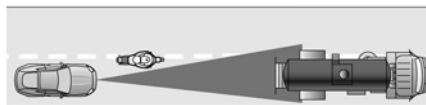
Adaptive cruise control (ACC)

Detection beam issues

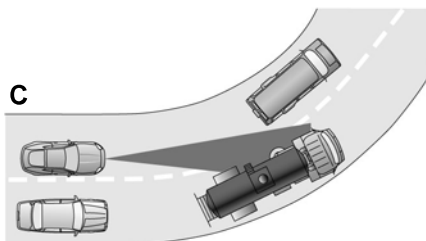
A



B



C



E71621

Detection issues can occur:

- With vehicles that edge into your lane that can only be detected once they have moved fully into your lane (**A**). Motorcycles may be detected late, or not at all. (**B**)
- With vehicles in front when going into and coming out of a bend (**C**). The detection beam will not follow sharp curves in the road.

In these cases the system may brake late or unexpectedly. You should stay alert and intervene if necessary.

Automatic braking with ACC

WARNINGS



You must take immediate action once alerted, as the adaptive cruise control braking will not be sufficient to keep a safe distance to the vehicle in front.



In some cases there may be no warning or the warning may be delayed. You should always apply the brakes when necessary.



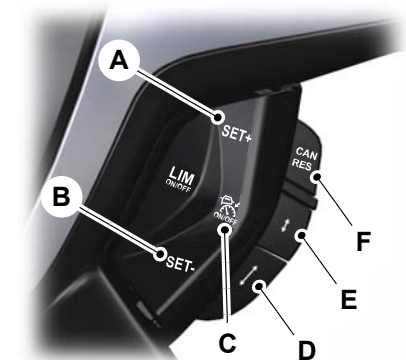
When following a vehicle in front of you, adaptive cruise control will not automatically decelerate to a stop.

The system will automatically brake for you, if required to maintain the set gap between your vehicle and the one detected in front. This braking capacity is limited to approximately 30% of the total manual braking capacity to ensure smooth and comfortable cruising. If the car needs to brake more heavily than this, and you do not intervene by braking manually, an alarm will sound and a warning symbol will be displayed in the cluster.

Adaptive cruise control (ACC)

USING ADAPTIVE CRUISE CONTROL

The system is operated by adjustment controls mounted on the steering wheel.



E153845

- A Set speed increase
- B Set speed decrease
- C ACC on/off
- D ACC gap increase
- E ACC gap decrease
- F ACC cancel/resume

Switching the system on

Press switch **C**. The system is set to standby mode.

Setting a speed

Note: The system must be in standby mode.

Press switch **A** or switch **B** to select your desired cruise speed. The speed is displayed in the information display and stored as the set speed.

Changing the set speed

Note: Vehicle speed may be increased and decreased at intervals of 5 km/h or 5 mph.

Note: If the system does not react to these changes the reason may be that the gap interval to the vehicle in front prevents an increase in speed.

Press switch **A** to increase or switch **B** to decrease the set speed until the desired set speed is shown in the information display. The vehicle speed will gradually change to the selected speed.

Setting the vehicle gap

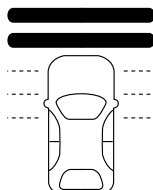
CAUTION

! Use the appropriate gap setting in accordance with local traffic regulations.

Note: The gap setting is time dependent and therefore the distance will automatically adjust with your speed. For example on a gap setting of four bars, the time gap is 1.8 seconds. This will mean that at a speed of 100 km/h (62 mph), the distance to the vehicle in front will be maintained at 50 meters (164 feet).

Note: If the accelerator is depressed for a short period, for example when overtaking, the system is temporarily deactivated and then reactivated when the accelerator pedal is released. A message is displayed in the information display.

Note: The gap setting will remain unchanged during ignition cycles.



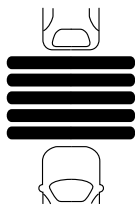
E82311

Adaptive cruise control (ACC)

The distance between you and the vehicle detected in front is maintained by a variable setting. There are five steps which are represented by horizontal bars displayed in the information display. One bar indicates the smallest gap and five bars indicates the largest gap. These bars are shown empty when in standby mode and filled when in active mode.

If no vehicle is detected in front, then only your vehicle is displayed in the information display below the bars. The system will maintain the set speed when conditions permit. The set gap is maintained and displayed.

If a vehicle is detected by the sensor, the display will show another vehicle above the horizontal bars:



E82312

This is a follow mode, and the system will accelerate or decelerate as necessary to maintain the set gap.

Pull switch **E** to decrease the gap or switch **D** to increase the gap. The gap selected will be represented by the number of bars in the display.

Note: The recommended gap setting is four or five bars.

Temporarily deactivating the system

Note: The system is canceled when the gear lever is moved to a neutral position or if the accelerator pedal or clutch is depressed for a long period of time.

Press the brake pedal or pull switch **F** to cancel the system. The system will return to standby mode allowing you full manual control of the vehicle. The set speed and gap setting are retained in the memory.

Pull switch **F** again to resume. The system will resume with the previously set speed and vehicle gap setting if conditions permit.

Switching the system off

Press switch **C** to turn the system off.

Note: When deactivating the system by pressing switch **C**, the stored speed is not retained.

Automatic deactivation

Note: If the engine speed drops too low, a message is displayed in the information display instructing you to change down a gear (manual transmission only). If you do not follow this recommendation then the system will go into automatic deactivation mode.

Note: The system will not operate if traction control has been switched off.

The system is dependent on various other safety systems, for example ABS and ESP. If any of these systems are malfunctioning or reacting to an emergency, the system is automatically deactivated.

In the event of automatic deactivation a signal will sound and the message is displayed in the information display. See **Information Messages** (page 88). You must then intervene and adapt your driving and speed to vehicles in front.

An automatic deactivation can be due to the:

- vehicle speed falling below 30 km/h (20 mph)
- wheels losing traction

Adaptive cruise control (ACC)

- brake temperature being too high, for example when driving on mountainous or hilly roads
- engine speed being too low
- radar sensor being covered
- parking brake being applied.

FORWARD ALERT FUNCTION

WARNINGS



Never wait for a collision warning. When driving you are responsible for maintaining the correct distance and speed, even when the system is used.



The system will only react to vehicles in front traveling in the same direction and will not react to slow or stationary vehicles.



Never drive in a manner to provoke the system. The system is designed to assist in emergencies only.

CAUTIONS



Warnings may be triggered late, be absent or triggered unnecessarily due to detection beam issues. See **Principle of Operation** (page 147).



The system uses the same radar sensors as adaptive cruise control and therefore has the same limitations. See **Principle of Operation** (page 147).

Note: The brake support system only reduces the collision speed if you brake immediately once alerted.

Note: If the brake pedal is depressed sufficiently quickly then braking is implemented with full brake function, even if the force on the pedal is light.

Note: Brake support prepares the brake system for rapid braking and the brakes are applied gently, which may be noticed as a slight jerk.

Note: The collision alerts will only occur if the system is switched on, however the brake support is always on and cannot be turned off.

Note: The system may be used with or without the adaptive cruise control system being activated.

The system assists you by warning of the risk of a collision with a vehicle in front.

The system alerts you by warning chimes and a visual warning in the information display. See **Information Messages** (page 88).

Brake support is activated to enable full braking effectiveness, and reduce the severity of a collision with the vehicle in front.

Switching the system on and off

Note: When the system is switched off, a warning indicator will remain illuminated in the information display. See **Warning Lamps and Indicators** (page 76).

Note: The system status and settings will remain unchanged during ignition cycles.

The system can be switched on and off using the information display. See **General Information** (page 80).

Adjusting the warning sensitivity

You may adjust the system warning sensitivity using the buttons on the steering wheel. See **General Information** (page 80). This controls how early the visual and audible warning is activated.

Speed Limiter

PRINCIPLE OF OPERATION

WARNING



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

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

USING THE SPEED LIMITER

Note: *The set speed limit can be intentionally exceeded for a short period if required, for example when overtaking.*

The system is operated by adjustment controls mounted on the steering wheel.



E133198

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

Switching the system on and off

Press switch **B**. The information display will prompt for a speed to be set.

Setting the speed limit

Use the cruise control switches to alter the maximum speed setting.

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

Pull switch **D** to cancel the limiter and place it in standby mode. The information display will confirm deactivation by showing the set speed crossed out.

Pull switch **D** again to resume the limiter. The information display will confirm the system is active by showing the set speed again.

Intentionally exceeding the set speed limit

Depress the accelerator fully to temporarily deactivate the system. The system will reactivate once the vehicle speed drops below the set speed.

System warnings

If the set limit is accidentally exceeded, for example driving downhill, the information display will show the set speed flashing together with an audible warning chime.

If the set limit is intentionally exceeded the information display will show the set speed crossed out.

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 the vehicle, supervising the system and intervening if required.
-  Never look directly into the sensor with any type of object, there is a risk of eye injury.
-  If the sensor becomes blocked the system may not function.
-  To achieve full system performance, the brake system needs to be bedded in. See **Breaking-In** (page 160).
-  The system performance may vary depending on the vehicle and road conditions.
-  The system will not react to vehicles driving in a different direction.
-  The system will not react to bicycles, motorcycles, people or animals.
-  When the ignition is on the sensor will constantly transmit a laser beam.
-  The system will not operate during harsh acceleration and steering.
-  In cold and severe weather conditions the system may not function. Rain, snow, spray and ice can all influence the sensor.
-  Do not carry out windshield repairs in the immediate area surrounding the sensor.
-  If your vehicle is fitted with a windshield not approved by us, the system may not function correctly.

WARNINGS

-  If the engine stops after the system has been activated, the hazard warning flashers will be activated.
-  The system may not function when driving around sharp bends.

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

Note: *Keep the hood free of ice and snow, otherwise the system may not function correctly.*

A sensor is mounted behind the interior rear view mirror. It continuously monitors conditions to decide when to intervene.

The system is designed to help you reduce low speed collisions into the rear of another vehicle. It will also help you reduce the impact damage or potentially avoid the collision completely.

The system operates at speeds below approximately 30 km/h (19 mph) by applying the brakes when the sensor detects that a collision is likely.

You must depress the brake pedal to obtain full braking force.

When the system is braking or has automatically applied the brakes, a message will be shown in the display.

For laser sensor information and data: See **Type approvals** (page 230).

USING ACTIVE CITY STOP - 1.0L ECOBOOST™/1.6L DURATEC-16V (SIGMA)/1.6L ECOBOOST SCTI (SIGMA)/ 2.0L DURATEC-HE (MI4), 1.6L DURATORQ-TDCI (DV) DIESEL/2.0L DURATORQ-TDCI (DW) DIESEL

WARNING



Never look directly into the sensor with any type of object, there is a risk of eye injury.

Switching the system on and off

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

In certain situations it is advisable to disable the system, for example:

- Driving off road when objects may cover the windshield.
- Driving through a car wash facility.

You can switch the system on and off using the information display. See **General Information** (page 80).

Load Carrying

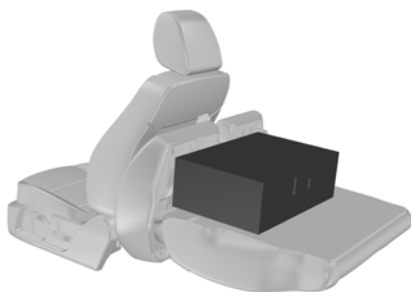
GENERAL INFORMATION

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 tailgate or rear door open. Exhaust fumes may enter the vehicle.
-  Do not exceed the maximum front and rear axle loads for your vehicle. See **Vehicle identification** (page 196).
-  Heavy loads, when placed in the passenger compartment, should be on folded rear seats as shown. See **Rear Seats** (page 109).

CAUTIONS

-  Do not allow items to contact the rear windows.
-  Do not use any abrasive materials to clean the interior of the rear windows.
-  Do not install stickers or labels to the interior of the rear windows.

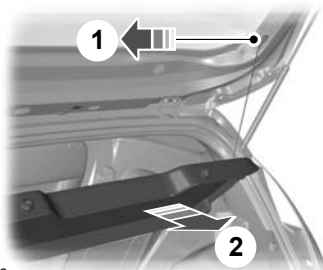


E97377

LUGGAGE COVERS

CAUTION

-  Do not place objects on the luggage cover.



E72512

Towing

TOWING A TRAILER

WARNINGS



Do not exceed 62 mph (100 km/h). Failure to take care may result in loss of vehicle control, serious personal injury or death.



The rear tire pressures must be increased by 3 psi (0.2 bar) above specification. See **Technical Specifications** (page 194). Failure to adhere to this warning could result in loss of vehicle control, serious personal injury or death.



Do not exceed the maximum permissible nose weight, for example vertical weight on the tow ball. See **Recommended Towing Weights** (page 156). Failure to adhere to this warning could result in loss of vehicle control, serious personal injury or death.

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

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

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

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

Note: *Not all vehicles are suitable or approved to have tow bars fitted. See an authorized dealer for further information.*

Steep Gradients

WARNING



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

Use a low gear when descending a steep downhill gradient.

RECOMMENDED TOWING WEIGHTS (IF EQUIPPED)

Note: *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

Towing Capacities

Variant	Transmission	Body style	Without Trailer Brake	With Trailer Brake
1.6L Petrol	Manual	4 door and 5 door	645 kg	750 kg
	Auto	4 door	750 kg	800 kg
2.0L Petrol	Manual	4 door and 5 door	750 kg	1,100 kg
	Auto	4 door	500 kg	500 kg
2.0L Diesel	Manual	5 door	730 kg	950 kg
	Auto	4 door and 5 door	730 kg	950 kg

Recommended Trailer Nose Weight

Trailer Weight	Recommended Trailer Nose Weight
Up to 750 kg	10% of the trailer weight
Over 750 kg	75 kg

Towing

ESSENTIAL TOWING CHECKS

Follow these guidelines for safe towing:

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

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

Safety Chains

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

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

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

Trailer Brakes

WARNING



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

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

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

Trailer Lamps

WARNING



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

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

Before Towing a Trailer

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

When Towing a Trailer

- Do not make full-throttle starts.
- Check your hitch, electrical connections and trailer wheel lug nuts thoroughly after you have traveled 50 miles (80 kilometers).

Towing

- When stopped in congested or heavy traffic during hot weather, place the gearshift in position **P** to aid engine and transmission cooling and to help A/C performance.
- Turn off the speed control with heavy loads or in hilly terrain. The speed control may turn off automatically when you are towing on long, steep grades.
- Shift to a lower gear when driving down a long or steep hill. Do not apply the brakes continuously, as they may overheat and become less effective.
- Allow more distance for stopping with a trailer attached. Anticipate stops and brake gradually.
- Avoid parking on a grade. However, if you must park on a grade:
 1. Turn the steering wheel to point your vehicle tires away from traffic flow.
 2. Set your vehicle parking brake.
 3. Place the automatic transmission in position **P**.
 4. Place wheel chocks in front and back of the trailer wheels. (Chocks not included with vehicle.)

Driving Hints

BREAKING-IN

Tires

WARNING



New tires need to be run-in for approximately 500 kilometers (300 miles). 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 150 kilometers (100 miles) in town and for the first 1500 kilometers (1000 miles) on freeways.

Engine

CAUTION



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

COLD WEATHER PRECAUTIONS

The functional operation of some components and systems can be affected at temperatures below -30°C (-22°F).

DRIVING THROUGH WATER

Driving through water

CAUTIONS



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, the vehicle can be driven through water to a maximum depth of 200 millimeters (8 inches) and at a maximum speed of 10 km/h (6 mph). Extra caution should be exercised when driving through flowing water.

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

- Depress the brake pedal lightly and check that full brake function is achieved.
- Check that the horn works.
- Check that the vehicle's lights are fully operational.
- Check the power assistance of the steering system.

Roadside Emergencies

FIRST AID KIT

Space is provided in the luggage compartment.

WARNING TRIANGLE

Space is provided in the luggage compartment.

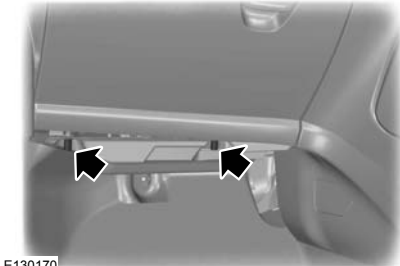
Fuses

FUSE BOX LOCATIONS

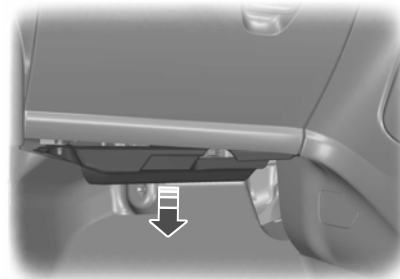
Engine compartment fuse box

This fuse box is located in the engine compartment. See **Maintenance** (page 173).

Passenger compartment fuse box



E130170

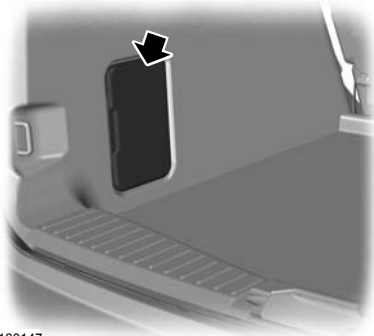


E130171

1. Pinch the retaining clips to release the cover.
2. Lower the fuse box cover and pull it towards you.

Install in the reverse order.

Load compartment fuse box



E130147

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 a properly trained technician.

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

CAUTION

 Fit a replacement fuse with the same rating as the one you have removed.

Note: You can identify a blown fuse by a break in the filament.

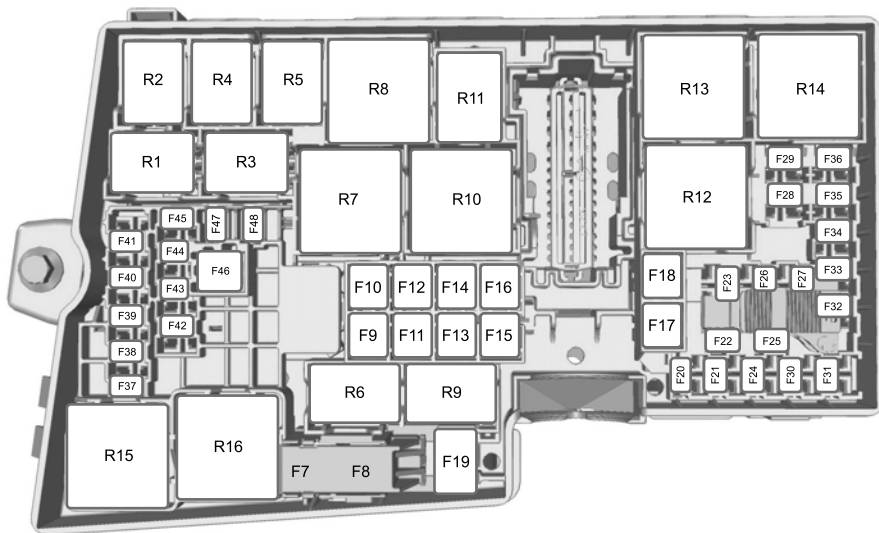
Note: All fuses, except high current fuses, are a push fit.

Note: A fuse puller is located in the engine compartment fuse box.

Fuses

FUSE SPECIFICATION CHART

Engine compartment fuse box



E129925

Fuse	Ampere rating	Circuits protected
7	40	Anti-lock Braking System pump, electronic stability program pump
8	30	Electronic stability program valve
9	30	Heated rear window
10	40	Heater blower
11	40	Trailer module
12	30	Engine management systems, exhaust gas recirculation relay
13	30	Starter relay
14	40	Heated windshield (right-hand side)

Fuses

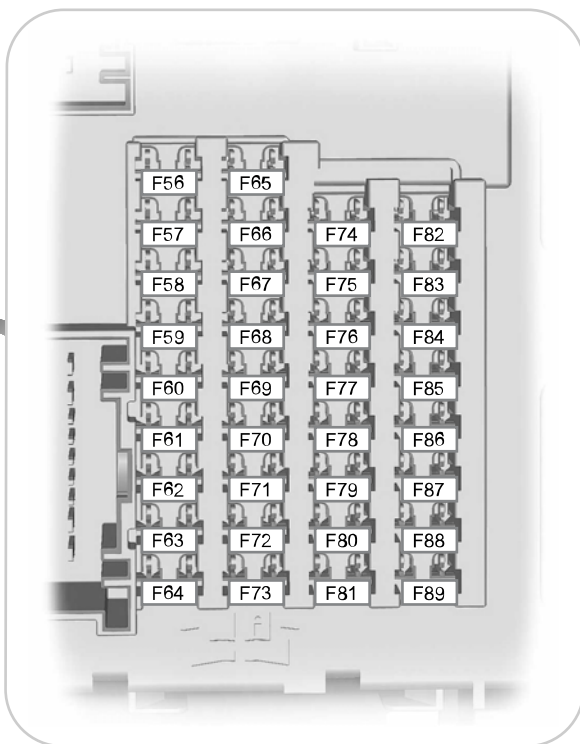
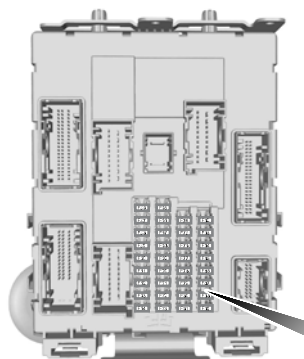
Fuse	Ampere rating	Circuits protected
15	25	Transmission control module
16	40	Heated windshield (left-hand side)
17	20	Front cigar lighter
18	20	Windshield wipers
19	5	Anti-lock Braking System, electronic stability program module
20	15	Horn
21	5	Brake lamp switch
22	15	Battery monitoring system
23	5	Relay coils, lighting control switch module
24	5	Power window switch (front)
25	10	Power exterior mirrors
26	15	Transmission control module
27	15	Air conditioning clutch
28	25	Power windows (rear)
29	20	Headlamp washer
30	5	Powertrain control module
31	-	Not used
32	10	Exhaust gas recirculation valve, swirl control valves, heated exhaust gas oxygen sensor (engine management), electronic fan control module relay (coil)
33	10	Engine control valves, canister purge valve, turbo control valve, water in fuel sensor
34	10	Injectors, vaporizer relay, canister purge valve
35	5	Active grille shutter (gasoline engine), Run on water pump relay, Intercooler fan relay
35	15	Active grille shutter and filter heater (diesel engine)
36	10	Powertrain control module

Fuses

Fuse	Ampere rating	Circuits protected
37	-	Not used
38	15	Powertrain control module, transmission control module
39	5	Headlamp control module (halogen leveling)
40	5	Electric power assisted steering
41	20	Body control module
42	15	Rear window wiper
43	15	Headlamp control module (high intensity discharge leveling), adaptive front lighting unit
44	5	Adaptive cruise control
45	10	Heated washer jets
46	25	Power windows (front)
47	7.5	Heated exterior mirrors
48	15	Vaporizer

Fuses

Passenger compartment fuse box



E129926

Fuse	Ampere rating	Circuits protected
56	20	Fuel pump supply
57	-	Not used
58	-	Not used
59	5	Passive anti-theft system supply
60	10	Interior lamps, driver's door switch pack, glove box, ambient lighting, power moonroof

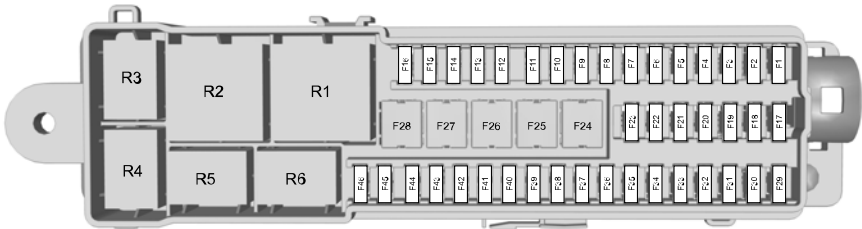
Fuses

Fuse	Ampere rating	Circuits protected
61	-	Not used
62	5	Rain sensor module, humidity sensor, auto-dimming mirror
63	10	Adaptive cruise control
64	-	Not used
65	10	Luggage compartment lid release
66	20	Driver's door lock, double locking
67	7.5	Information and entertainment display, GPS, bluetooth phone voice control connectivity
68	15	Electrical steering column lock
69	5	Instrument cluster
70	20	Central locking
71	10	Air conditioning
72	7.5	Steering wheel control module
73	5	Onboard diagnostics system
74	15	Main beam
75	15	Front fog lamps
76	10	Reversing lamp
77	20	Washer pump
78	5	Ignition switch or start button
79	15	Audio unit, hazard and door lock buttons
80	20	Power moonroof
81	5	Radio frequency receiver
82	20	Washer pump ground
83	20	Central locking ground
84	20	Driver's door unlock and double locking ground
85	7.5	Climate control heater, manual air conditioning heater module

Fuses

Fuse	Ampere rating	Circuits protected
86	10	Restraint system
87	-	Not used
88	-	Not used
89	-	Not used

Load compartment fuse box



E129927

Fuse	Ampere rating	Circuits protected
1	-	Not used
2	10	Keyless vehicle module
3	5	Keyless vehicle door handles
4	25	Door module (left-hand front) (power windows, central locking, electric folding mirrors, heated exterior mirrors)
5	25	Door module (right-hand front) (power windows, central locking, electric folding mirrors, heated exterior mirrors)
6	25	Door module (left-hand rear) (power windows)
7	25	Door module (right-hand rear) (power windows)
8	10	Alarm system
9	25	Power driver's seat

Fuses

Fuse	Ampere rating	Circuits protected
10	-	Not used
11	-	Not used
12	-	Not used
13	-	Not used
14	-	Not used
15	-	Not used
16	-	Not used
17	-	Not used
18	-	Not used
19	-	Not used
20	-	Not used
21	-	Not used
22	-	Not used
23	-	Not used
24	-	Not used
25	-	Not used
26	-	Not used
27	-	Not used
28	40	Trailer module
29	5	Blind spot monitor, active city stop, rear view camera
30	5	Parking aid module
31	-	Not used
32	-	Not used
33	-	Not used
34	-	Not used
35	-	Not used

Fuses

Fuse	Ampere rating	Circuits protected
36	-	Not used
37	5	Power moonroof
38	-	Not used
39	-	Not used
40	-	Not used
41	-	Not used
42	-	Not used
43	-	Not used
44	-	Not used
45	-	Not used
46	-	Not used

Vehicle recovery

TOWING POINTS

Towing eye location

The screw-in towing eye is located in the spare wheel well.

The towing eye must **always** be carried in the vehicle.

Installing the towing eye

CAUTION

 The screw-in towing eye has a **left-hand thread**. Turn it **counterclockwise** to install it. Make sure that the towing eye is fully tightened.

Note: *On vehicles with a tow bar, the towing eye cannot be installed at the rear of the vehicle. Use the tow bar to tow a vehicle.*

Front towing eye



E78367

Rear towing eye



E78368

Insert a suitable object into the hole on the underside of the cover and prise off the cover.

Install the towing eye.

TOWING THE VEHICLE ON FOUR WHEELS

All vehicles

WARNINGS

 Switch the ignition on when your vehicle is being towed. The steering lock will engage and the direction indicators and brake lamps will not work if you do not.

 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.

Vehicle recovery

CAUTIONS

-  Too much tension in the tow rope could cause damage to your vehicle or the vehicle that is towing.
 -  Select neutral when your vehicle is being towed.
 -  In the event of a breakdown or mechanical failure **do not** use individual axle carriers. Your vehicle must be recovered with either **ALL** wheels on the ground or transported with **ALL** wheels lifted clear of the ground on a level platform.
-

Drive off slowly and smoothly without jerking the vehicle that is towing.

Vehicles with automatic transmission

CAUTIONS

-  If a speed of 20 km/h (12 mph) and a distance of 20 kilometers (12 miles) is to be exceeded **ALL** wheels must be lifted clear of the ground.
 -  It is recommended not to tow with the drive wheels on the ground. However, if it is required to move the vehicle from a dangerous location, do not tow your vehicle faster than 20 km/h (12 mph) or further than 20 kilometers (12 miles).
 -  Do not tow your vehicle backwards.
 -  In the event of a mechanical failure of the transmission **do not** use individual axle carriers. **ALL** wheels must be lifted clear of the ground on a level platform.
 -  Do not tow your vehicle if the ambient temperature is below 0°C (32°F).
-

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. We believe that their specially trained technicians are best qualified to service your vehicle properly and expertly. They are supported by a wide range of highly specialized tools developed specifically for servicing your vehicle.

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

CAUTION



When carrying out maintenance checks, make sure that filler caps are fitted securely.

Daily checks

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

Check when refueling

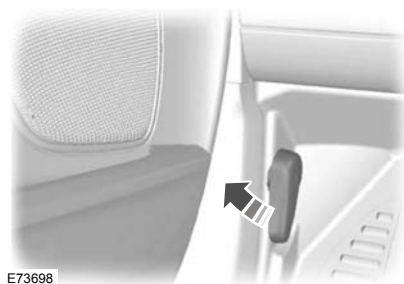
- Engine oil level. See **Engine Oil Check** (page 179).
- Brake fluid level. See **Brake and Clutch Fluid Check** (page 180).
- Washer fluid level. See **Washer Fluid Check** (page 180).
- Tire pressures (when cold). See **Technical Specifications** (page 194).
- Tire condition. See **Wheels and Tires** (page 188).

Monthly checks

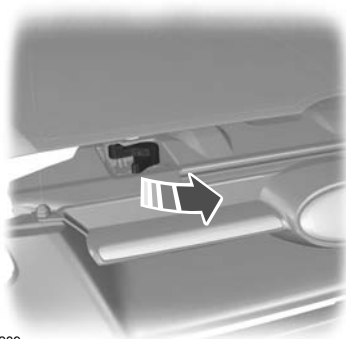
- Engine coolant level (engine cold). See **Engine Coolant Check** (page 179).
- Pipes, hoses and reservoirs for leaks.
- Air conditioning operation.
- Parking brake operation.
- Horn operation.
- Tightness of lug nuts. See **Technical Specifications** (page 194).

OPENING AND CLOSING THE HOOD

Opening the hood

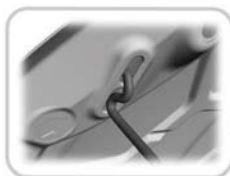


Maintenance



E133239

Move the yellow catch to the right.



E87786

Open the hood and support it with the strut.



Closing the hood

WARNING

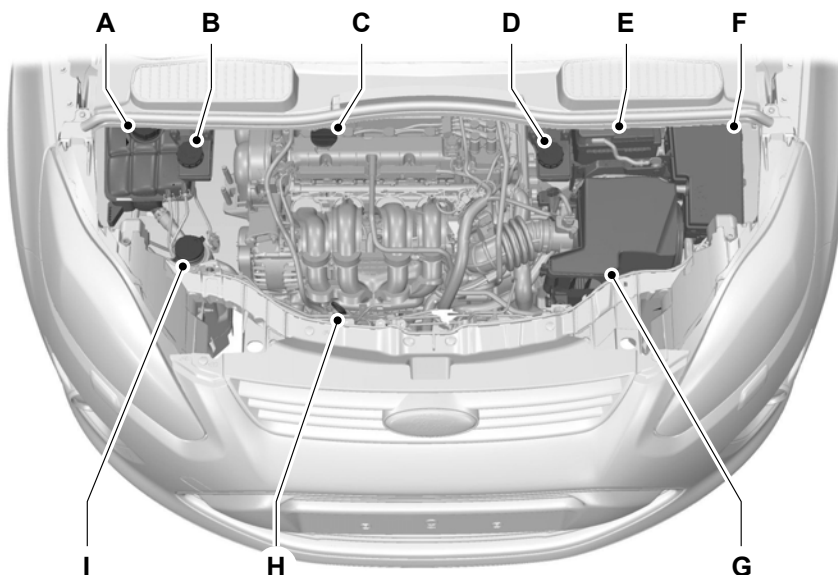


Make sure that the hood is closed properly.

Lower the hood and allow it to drop from under its own weight for the last 20 – 30 centimeters (8 - 11 inches).

Maintenance

UNDER HOOD OVERVIEW - 1.6L DURATEC-16V (SIGMA)



E130030

- A Engine coolant reservoir*: See **Engine Coolant Check** (page 179).
- B Brake and clutch fluid reservoir (right-hand drive)*: See **Brake and Clutch Fluid Check** (page 180).
- C Engine oil filler cap*: See **Engine Oil Check** (page 179).
- D Brake and clutch fluid reservoir (left-hand drive)*: See **Brake and Clutch Fluid Check** (page 180).
- E Battery: See **Vehicle battery** (page 186).
- F Engine compartment fuse box: See **Fuses** (page 162).
- G Air cleaner: No maintenance necessary.

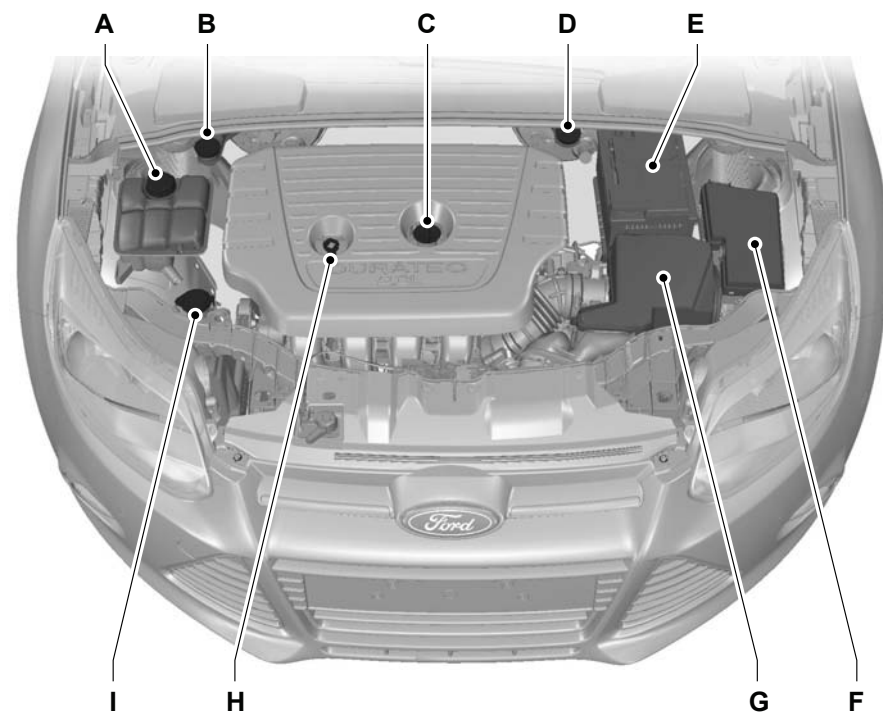
Maintenance

H Engine oil dipstick*: See **Engine Oil Check** (page 179).

I Windshield washer fluid reservoir*: See **Washer Fluid Check** (page 180).

*For easy identification, filler caps and the engine oil dipstick are marked in color.

UNDER HOOD OVERVIEW - 2.0L DURATEC-HE (MI4)



E139960

A Engine coolant reservoir*: See **Engine Coolant Check** (page 179).

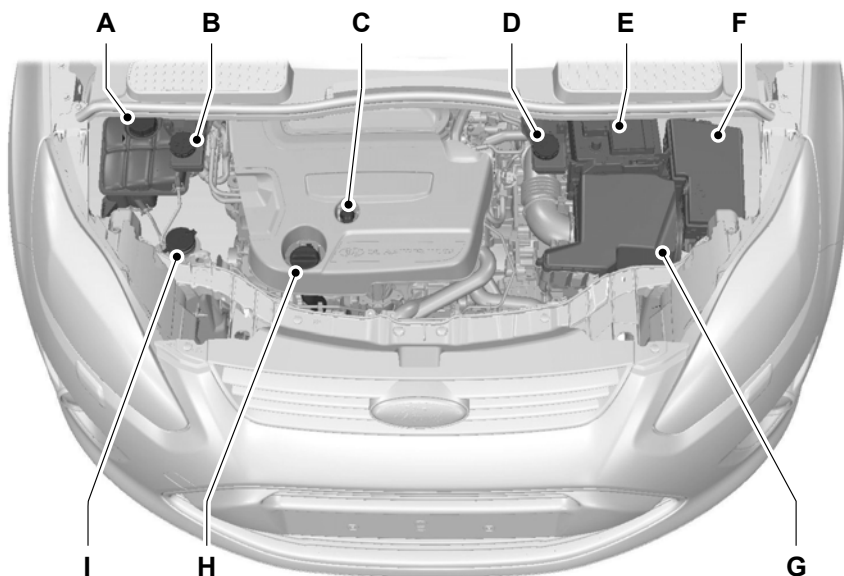
B Brake and clutch fluid reservoir (right-hand drive)*: See **Brake and Clutch Fluid Check** (page 180).

Maintenance

- C Engine oil filler cap*: See **Engine Oil Check** (page 179).
- D Brake and clutch fluid reservoir (left-hand drive)*: See **Brake and Clutch Fluid Check** (page 180).
- E Battery: See **Vehicle battery** (page 186).
- F Engine compartment fuse box: See **Fuses** (page 162).
- G Air cleaner: No maintenance necessary.
- H Engine oil dipstick*: See **Engine Oil Check** (page 179).
- I Windshield washer fluid reservoir*: See **Washer Fluid Check** (page 180).

*For easy identification, filler caps and the engine oil dipstick are marked in color.

UNDER HOOD OVERVIEW - 2.0L DURATORQ-TDCI (DW) DIESEL



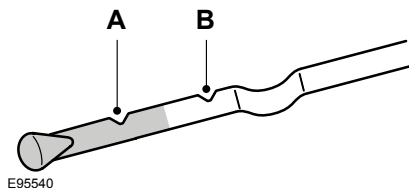
E130032

Maintenance

- A Engine coolant reservoir*: See **Engine Coolant Check** (page 179).
- B Brake and clutch fluid reservoir (right-hand drive)*: See **Brake and Clutch Fluid Check** (page 180).
- C Engine oil dipstick*: See **Engine Oil Check** (page 179).
- D Brake and clutch fluid reservoir (left-hand drive)*: See **Brake and Clutch Fluid Check** (page 180).
- E Battery: See **Vehicle battery** (page 186).
- F Engine compartment fuse box: See **Fuses** (page 162).
- G Air cleaner: No maintenance necessary.
- H Engine oil filler cap*: See **Engine Oil Check** (page 179).
- I Windshield washer fluid reservoir*: See **Washer Fluid Check** (page 180).

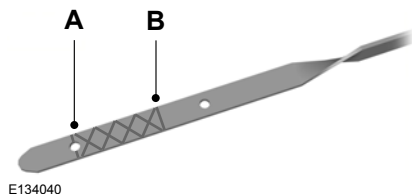
*For easy identification, filler caps and the engine oil dipstick are marked in color.

ENGINE OIL DIPSTICK - 1.6L DURATEC-16V (SIGMA)



- A MIN
- B MAX

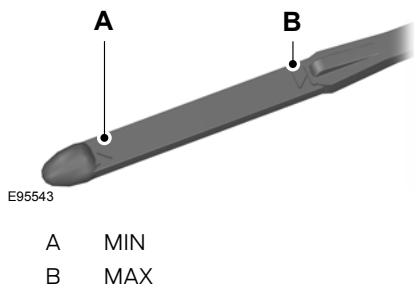
ENGINE OIL DIPSTICK - 2.0L DURATEC-HE (MI4)



- A MIN
- B MAX

Maintenance

ENGINE OIL DIPSTICK - 2.0L DURATORQ-TDCI (DW) DIESEL



ENGINE OIL CHECK

CAUTION

! Do not use oil additives or other engine treatments. Under certain conditions, they could damage the engine.

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

Checking the oil level

CAUTION

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

Note: Check the level before starting the engine.

Note: Make sure that your vehicle is on level ground.

Note: Oil expands when it is hot. The level may therefore extend a few millimeters beyond the **MAX** mark.

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 level is at the **MIN** mark, top up immediately.

Topping up

WARNINGS



Only top up 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.

Remove the filler cap.

WARNING



Do not top up further than the **MAX** mark.

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

Top up with fluid that meets the Ford specification. See **Technical Specifications** (page 181).

Replace the filler cap. Turn it until you feel a strong resistance.

ENGINE COOLANT CHECK

Checking the coolant level

WARNING



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

CAUTION



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

Maintenance

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

If the level is at the **MIN** mark, top up immediately.

Topping up

WARNINGS



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



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



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



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

CAUTIONS



In an emergency, you can add just water to the cooling system to reach a vehicle service station. Have the system checked by a properly trained technician as soon as possible.



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

Unscrew the cap **slowly**. Any pressure will escape slowly as you unscrew the cap.

CAUTION



Do not top up further than the **MAX** mark.

Top up with a 50/50 mixture of coolant and water using fluid that meets the Ford specification. See **Technical Specifications** (page 181).

BRAKE AND CLUTCH FLUID CHECK

WARNINGS



Use of any fluid other than the recommended brake fluid may reduce brake efficiency and not meet Ford's performance standards.



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 doctor.



If the level is at the **MIN** mark, have the system checked by a properly trained technician as soon as possible.

Note: Keep brake fluid clean and dry. Contamination with dirt, water, petroleum products or other materials may result in brake system damage and possible failure.

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

Top up with fluid that meets the Ford specification. See **Technical Specifications** (page 181).

WASHER FLUID CHECK

Note: The front and rear washer systems are supplied from the same reservoir.

When topping up, 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.

Maintenance

POWER STEERING FLUID CHECK

WARNING



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

CAUTION



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

If the level is at the **MIN** mark, top up immediately.

Topping up

Remove the filler cap.

CAUTION



Do not top up further than the **MAX** mark.

Top up with fluid that meets the Ford specification. See **Technical Specifications** (page 181).

TECHNICAL SPECIFICATIONS

Vehicle fluids

Note: Use fluids which meet the specifications or requirements defined. Use of other fluids may lead to damage which is not covered by your Warranty.

Item	Specification	Viscosity Grade	Recommended fluid
Engine oil - gasoline engines	WSS-M2C913-C	5W-30	Castrol or Ford Engine Oil
Alternative engine oil - all gasoline engines	WSS-M2C948-B	5W-20	Castrol or Ford Engine Oil
Engine oil - diesel engines	WSS-M2C913-C	5W-30	Castrol or Ford Engine Oil

Maintenance

Item	Specification	Viscosity Grade	Recommended fluid
Antifreeze	WSS-M97B44-D	-	Motorcraft SuperPlus Anti-freeze
Brake fluid	WSS-M6C65-A2 or ISO 4925 Class 6	-	Motorcraft or Ford DOT 4 LV High Performance Brake Fluid

Your engine has been designed to be used with Castrol and Ford Engine Oil, which gives a fuel economy benefit whilst maintaining the durability of your engine.

Topping up the oil: If you are unable to find an oil that meets the specification defined by **WSS-M2C913-C** or **WSS-M2C948-B** (gasoline engines only), you must use **SAE 5W-30** that meets the specification defined by **ACEA A5/B5**.

Using topping up oils other than the one specified can result in longer engine cranking periods, reduced engine performance, reduced fuel economy and increased emission levels.

Castrol engine oil recommended.



Capacities

Variant	Item	Capacity in Liters (gallons)
Gasoline engines	Fuel tank	55 (12.1)
2.0L Duratorq-TDCi - DW	Fuel tank	53 (11.6)
All	Windshield washer system - with headlamp washers	4.5 (1)
All	Windshield washer system - without headlamp washers	3 (0.7)
1.6L Duratec-16V Ti-VCT - Sigma	Engine oil - with filter	4.1 (0.9)
1.6L Duratec-16V Ti-VCT - Sigma	Engine oil - without filter	3.75 (0.8)
1.6L Duratec-16V Ti-VCT - Sigma	Cooling system	approx. 5.8 (1.3)

Maintenance

Variant	Item	Capacity in Liters (gallons)
2.0L Duratec - HE (MI4)	Engine oil - with filter	4.3 (1)
2.0L Duratec - HE (MI4)	Engine oil - without filter	3.9 (0.9)
2.0L Duratec - HE (MI4)	Cooling system	approx. 6.5 (1.4)
2.0L Duratorq-TDCi (DW) - Diesel	Engine oil - with filter	5.7 (1.3)
2.0L Duratorq-TDCi (DW) - Diesel	Engine oil - without filter	5.4 (1.2)
2.0L Duratorq-TDCi (DW) - Diesel	Cooling system	approx. 8.5 (1.9)

Engine oil top up capacities

Engine	Capacity in liters (gallons)
1.6L Duratec-16V Ti-VCT - Sigma	0.8 (0.2)
2.0L Duratec - HE (MI4)	0.9 (0.2)
2.0L Duratorq-TDCi (DW) - Diesel	1.8 (0.4)

Vehicle Care

CLEANING THE EXTERIOR

WARNING



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

CAUTIONS



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



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



Remove the aerial before using an automatic car wash.



Switch the heater blower off to prevent contamination of the fresh air filter.

We recommend that you wash your vehicle with a sponge and lukewarm water containing a car shampoo.

Cleaning the headlamps

CAUTIONS



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



Do not wipe the headlamps when they are dry.

Cleaning the rear window

CAUTION



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

CAUTION



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

Cleaning the alloy wheels

Note: Do not apply a cleaning chemical to warm or hot wheel rims and covers.

Note: Industrial-strength (heavy-duty) cleaners, or cleaning chemicals, in combination with brush agitation to remove brake dust and dirt, could wear away the clear coat finish over a period time.

Note: Do not use hydrofluoric acid-based or high caustic-based wheel cleaners, steel wool, fuels or strong household detergent.

Note: If you intend parking your vehicle for an extended period after cleaning the wheels with a wheel cleaner, drive your vehicle for a few minutes before doing so. This will reduce the risk of increased corrosion of the brake discs, brake pads and linings.

Note: Some automatic car washes may cause damage to the finish on your wheel rims and covers.

Alloy wheels and wheel covers are coated with a clear coat paint finish. To maintain their condition we recommend that you:

- Clean them weekly with the recommended wheel and tire cleaner.
- Use a sponge to remove heavy deposits of dirt and brake dust accumulation.
- Rinse them thoroughly with a pressurized stream of water when you have completed the cleaning process.

We recommend that you use Ford service wheel cleaner. Make sure that you read and follow the manufacturer's instructions.

Vehicle Care

Using other non-recommended cleaning products can result in severe and permanent cosmetic damage.

Body paintwork preservation

CAUTIONS

-  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

Safety belts

WARNINGS

-  Do not use abrasives, or chemical solvents to clean them.
-  Do not allow moisture to penetrate the safety belt retractor mechanism.

Clean the safety belts with interior cleaner or water applied with a soft sponge. Let the safety belts dry naturally, away from artificial heat.

Instrument cluster screens, LCD screens, radio screens

WARNING

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

Rear windows

CAUTIONS

-  Do not use any abrasive materials to clean the interior of the rear windows.
-  Do not install stickers or labels to the interior of the rear windows.

REPAIRING MINOR PAINT DAMAGE

CAUTION

-  Remove apparently harmless looking substances from the paintwork immediately (e.g. bird droppings, tree resins, insect remains, tar spots, road salt and industrial fall out).

You should repair paintwork damage caused by stones from the road or minor scratches as soon as possible. A choice of products is available from your Ford Dealer. Read and follow the manufacturer's instructions.

Vehicle battery

JUMP STARTING THE VEHICLE

WARNING



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

CAUTIONS



Connect batteries with only the same nominal voltage.

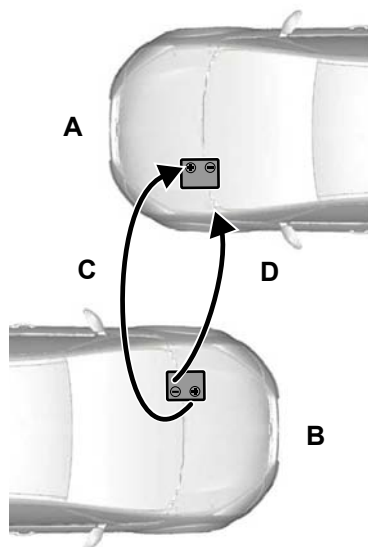


Always use booster cables with insulated clamps and adequate size cable.



Do not disconnect the battery from the vehicle's electrical system.

To connect the booster cables



E102925

- A Flat battery vehicle
- B Booster battery vehicle
- C Positive connection cable
- D Negative connection cable

1. Position the vehicles so that they do not touch one another.
2. Switch off the engine and any electrical equipment.
3. Connect the positive (+) terminal of vehicle **B** with the positive (+) terminal of vehicle **A** (cable **C**).
4. Connect the negative (-) terminal of vehicle **B** to the ground connection of vehicle **A** (cable **D**). See **Battery connection points** (page 187).

Vehicle battery

CAUTIONS

❗ **Do not connect 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 moderately high speed.
2. Start the engine of vehicle **A**.
3. Run both vehicles for a minimum of three minutes before disconnecting the cables.

CAUTION

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

Disconnect the cables in the reverse order.

CHANGING THE 12V BATTERY

CAUTION

❗ For vehicles with Start-stop the battery requirement is different. It must be replaced by one of exactly the same specification as the original.

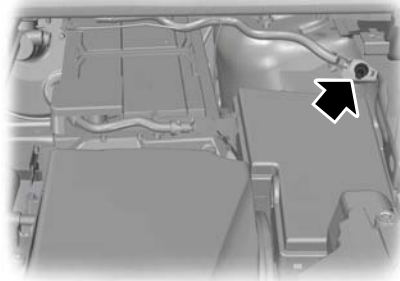
Note: Where applicable, the audio system must be reprogrammed with the keycode.

The battery is located in the engine compartment. See **Maintenance** (page 173).

BATTERY CONNECTION POINTS

CAUTION

❗ **Do not connect to the negative (–) terminal of the flat battery.**



E130431

The ground connection point is located to the right of the battery near the engine compartment fuse box.

Wheels and Tires

GENERAL INFORMATION

CAUTIONS

-  Use only approved wheel and tire sizes. Using other sizes could damage the vehicle and will make the National Type Approval invalid.
-  If you change the diameter of the tires from that fitted at the factory, the speedometer may not display the correct speed. Take the vehicle to your dealer to have the engine management system reprogrammed.
-  If you intend to change the size of the wheels from that fitted at the factory, check the suitability with your dealer.

Note: Check your tire pressures regularly to optimize fuel economy.

A decal with tire pressure data is located in the driver's door opening at the B-pillar.

Check and set the tire pressure at the ambient temperature in which you are intending to drive the vehicle and when the tires are cold.

CHANGING A ROAD WHEEL

Locking lug nuts

You can obtain a replacement locking lug nut key and replacement locking lug nuts from your dealer using the reference number certificate.

Vehicles with a spare wheel

If the spare wheel is exactly the same type and size as the other fitted road wheels, you can replace the existing road wheel with the spare wheel and continue to drive in the normal manner.

If the spare wheel is different to the other road wheels, it will carry a yellow label with the appropriate speed limit.

Refer to the following information before changing the road wheel.

WARNINGS

-  Drive the shortest possible distances.
-  Do not fit more than one spare wheel on your vehicle at any one time.
-  Do not carry out any tire repairs on a spare wheel.
-  Do not drive through an automatic car wash.
-  If you are unsure what type of spare wheel you have do not exceed 80 km/h (50 mph).
-  Only fit snow chains to specified tires. See **Technical Specifications** (page 194).

CAUTION

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

Note: Your vehicle may exhibit some unusual driving characteristics.

Vehicle jack

WARNINGS

-  The vehicle jack supplied with your vehicle should only be used when changing a wheel in emergency situations.
-  Before using the vehicle jack, check that it is not damaged or deformed and that the thread is lubricated and free from foreign matter.
-  Never place anything between the jack and the ground, or the jack and the vehicle.

Wheels and Tires

Note: Vehicles with a tire repair kit are not equipped with a vehicle jack or a wheel brace.

It is recommended to use a workshop type hydraulic jack for changing between summer and winter tires.

Note: Use a jack with a minimum lifting capacity of 1.5 tonnes and a lifting plate with a minimum diameter of 80 millimeters (3.1 inches).

Vehicles without tire repair kit

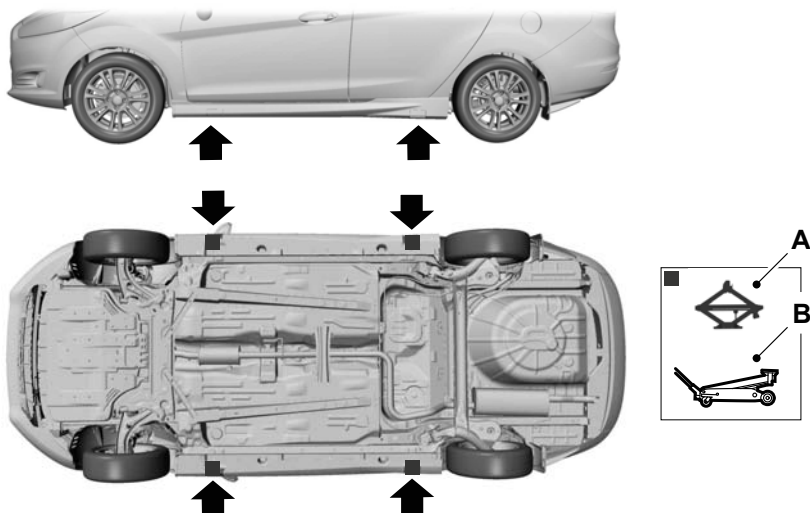
Your vehicle jack, wheel brace, screw-in towing eye and wheel trim remover are located in the spare wheel well.

Jacking and lifting points

CAUTION



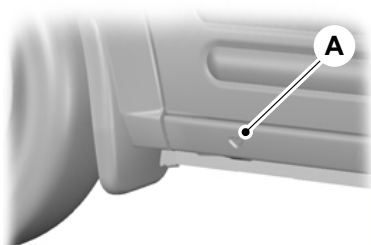
Use only the specified jacking points. If you use other positions, you may damage the body, steering, suspension, engine, braking system or the fuel lines.



E92658

- A Emergency use only
- B Maintenance

Wheels and Tires

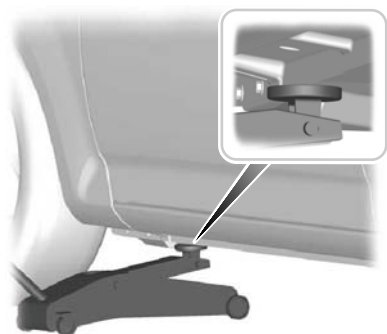


E93302

Small arrow-shaped marks on the sills **A** show the location of the jacking points.



E92932



E93020

Assembling the wheel brace

Type one

WARNING



When returning the wheel brace extension to its original position, take care not to get your fingers caught.

Note: Make sure that the wheel brace is fully extended.



E122546

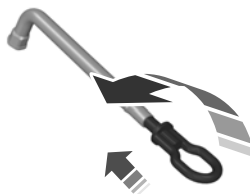
Extend the wheel brace.

Type two

CAUTION



The screw-in towing eye has a **left-hand thread**. Turn it counterclockwise to install it. Make sure that the towing eye is fully tightened.



E122502

Insert the screw-in towing eye into the wheel brace.

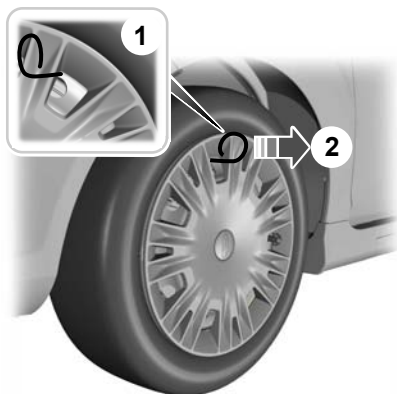
Wheels and Tires

Removing the wheel trim

Type one

Insert the flat end of the wheel brace between the rim and the trim and carefully remove the trim.

Type two



E122314

1. Insert the wheel trim remover.
2. Remove the wheel trim.

Note: Make sure that you pull the wheel trim remover at right angles to the trim.

Removing a road wheel

WARNINGS

-  Park your vehicle in such a position that neither the traffic nor you are hindered or endangered.
-  Set up a warning triangle.
-  Make sure that the vehicle is on firm, level ground with the wheels pointing straight ahead.
-  Switch off the ignition and apply the parking brake.

WARNINGS

-  If your vehicle has a manual transmission, select first or reverse gear. If it has an automatic transmission, select park.
-  Have the passengers leave the vehicle.
-  Secure the diagonally opposite wheel with an appropriate block or wheel chock.
-  Make sure that the arrows on directional tires 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.
-  Do not work underneath the vehicle when it is supported only by a jack.
-  Make sure that the jack is vertical to the jacking point and the base is flat on the ground.

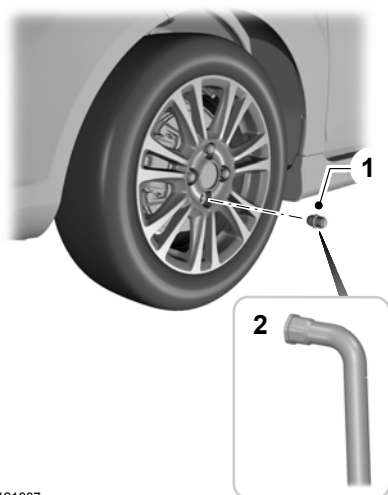
CAUTION

-  Do not lay alloy wheels face down on the ground, this will damage the paint.

Note: The spare wheel is located under the floor cover in the luggage compartment.

1. Install the locking lug nut key.

Wheels and Tires



E121887

2. Slacken the lug nuts.
3. Jack up the vehicle until the tire is clear of the ground.
4. Remove the lug nuts and the wheel.

Installing a road wheel

WARNINGS

 Use only approved wheel and tire sizes. Using other sizes could damage the vehicle and will make the National Type Approval invalid. See **Technical Specifications** (page 194).

 Do not fit run flat tires on vehicles that were not originally fitted with them. Please contact your dealer for more details regarding compatibility.

CAUTION

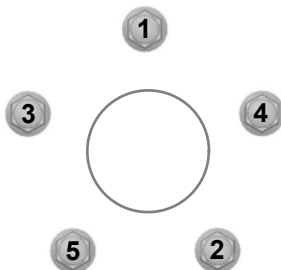
 Do not install alloy wheels using lug nuts designed for use with steel wheels.

Note: The lug nuts of alloy wheels and spoked steel wheels can also be used for the steel spare wheel for a short time (maximum two weeks).

Note: Make sure the wheel and hub contact surfaces are free from foreign matter.

Note: Make sure that the cones on the lug nuts are against the wheel.

1. Install the wheel.
2. Install the lug nuts finger tight.
3. Install the locking lug nut key.



E75442

4. Partially tighten the lug nuts in the sequence shown.
5. Lower the vehicle and remove the jack.
6. Fully tighten the lug nuts in the sequence shown. See **Technical Specifications** (page 194).
7. Install the wheel trim using the ball of your hand.

WARNING

 Have the lug nuts checked for tightness and the tire pressure checked as soon as possible.

Wheels and Tires

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 5000 and 10000 kilometers (3000 and 6000 miles).

CAUTION

! 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

CAUTION

! Make sure that you use the correct lug nuts for the type of wheel the winter tires are fitted to.

If winter tires are used, make sure that the tire pressures are correct. See **Technical Specifications** (page 194).

USING SNOW CHAINS

WARNINGS



Do not exceed 50 km/h (30 mph).



Do not use snow chains on snow-free roads.



Only fit snow chains to specified tires. See **Technical Specifications** (page 194).

CAUTION



If your vehicle is fitted with wheel trims, remove them before fitting snow chains.

Note: *The ABS will continue to operate normally.*

Only use small link snow chains.

Only use snow chains on the front wheels.

Vehicles with stability control (ESP)

Vehicles with stability control (ESP) may exhibit some unusual driving characteristics which can be reduced by switching traction control off. See **Using Stability Control** (page 132).

Wheels and Tires

TECHNICAL SPECIFICATIONS

Tire pressures (cold tires)

Lug nut torque

Wheel type	Nm (lb-ft)
All	135 (100)

Up to 80 km/h (50 mph)

Variant	Tire size	Normal load		Full load	
		Front	Rear	Front	Rear
		bar (lbf/in ²)	bar (lbf/in ²)	bar (lbf/in ²)	bar (lbf/in ²)
All	T125/80 R 16	4.2 (61)	4.2 (61)	4.2 (61)	4.2 (61)

Up to 160 km/h (100 mph)

Variant	Tire size	Normal load		Full load	
		Front	Rear	Front	Rear
		bar (psi)	bar (psi)	bar (psi)	bar (psi)
All	205/60 R 16 *	2.1 (31)	2.1 (31)	2.4 (35)	2.8 (41)
1.6L Duratec-16V Ti-VCT - Sigma, 2.0L Duratec - HE (M14)	215/50 R 17	2.1 (31)	2.1 (31)	2.4 (35)	2.8 (41)
2.0L Duratorq-TDCi (DW) - Diesel	215/50 R 17	2.3 (33)	2.1 (31)	2.4 (35)	2.8 (41)

*Only fit snow chains to specified tires.

Wheels and Tires

Continuous speed in excess of 160 km/h (100 mph)

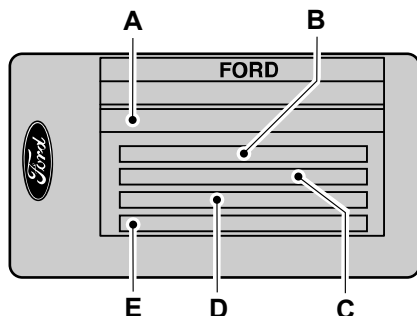
Variant	Tire size	Normal load		Full load	
		Front	Rear	Front	Rear
		bar (psi)	bar (psi)	bar (psi)	bar (psi)
All	205/60 R 16	2.1 (31)	2.1 (31)	2.4 (35)	2.8 (41)
1.6L Duratec-16V Ti-VCT - Sigma, 2.0L Duratec - HE (MI4)	215/50 R 17	2.1 (31)	2.1 (31)	2.4 (35)	2.8 (41)
2.0L Duratorq-TDCi (DW) - Diesel	215/50 R 17	2.3 (33)	2.1 (31)	2.6 (38)	2.8 (41)

Vehicle identification

VEHICLE IDENTIFICATION PLATE

Note: The vehicle identification plate design may vary to that shown.

Note: The information shown on the vehicle identification plate is dependant upon market requirements.

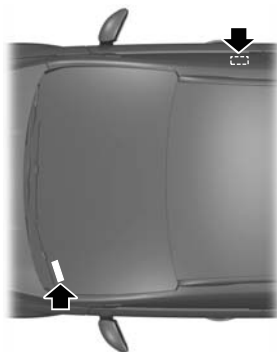


E85610

- A Vehicle identification number
- B Gross vehicle weight
- C Gross train weight
- D Maximum front axle weight
- E Maximum rear axle weight

The vehicle identification number and maximum weights are shown on a plate located on the lock side of the right-hand front door aperture at the bottom.

VEHICLE IDENTIFICATION NUMBER



E87496

The vehicle identification number is stamped into the floor panel on the right-hand side, beside the front seat. It is also shown on the left-hand side of the instrument panel.

Capacities and Specifications

TECHNICAL SPECIFICATIONS

Vehicle dimensions

4-door

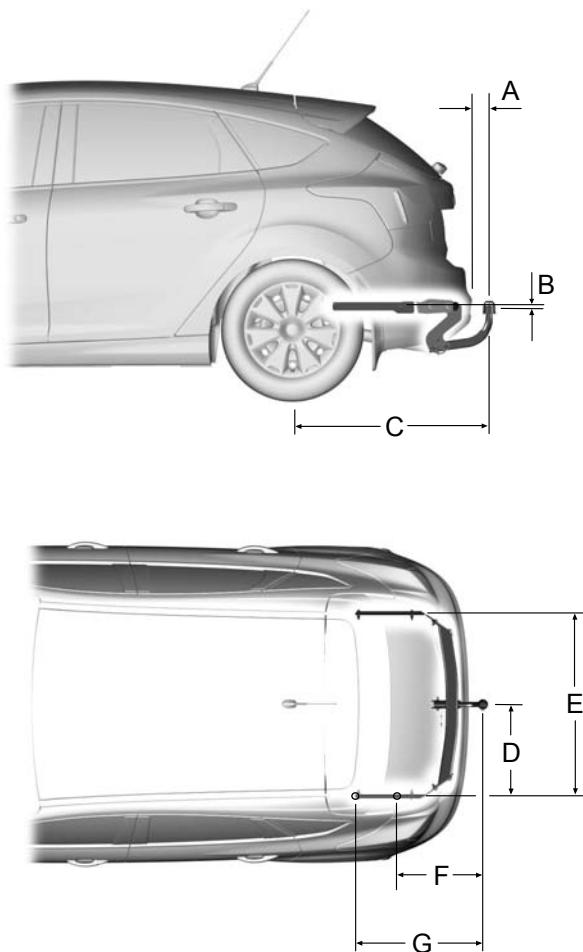
Dimension description	Dimension in mm (inches)
Maximum length	4534 (178.5)
Overall width including exterior mirrors	2010 (79.1)
Overall height - EC curb weight	1451 - 1484 (57.1 - 58.4)
Wheelbase	2648 (104.3)
Front track	1544 - 1559 (60.8 - 61.4)
Rear track	1534 - 1549 (60.4 - 61)

5-door

Dimension description	Dimension in mm (inches)
Maximum length	4358 - 4412 (171.6 - 173.7)
Overall width including exterior mirrors	2010 (79.1)
Overall height - EC curb weight	1451 - 1484 (57.1 - 58.4)
Wheelbase	2648 (104.3)
Front track	1544 - 1559 (60.8 - 61.4)
Rear track	1534 - 1549 (60.4 - 61)

Capacities and Specifications

Towing equipment dimensions



E132737

Capacities and Specifications

4-door

Item	Dimension description	Dimension in mm (inches)
A	Bumper – center of tow ball	77 - 80 (3 - 3.1)
B	Attachment point – center of tow ball	3 (0.1)
C	Wheel center – center of tow ball	1068 - 1071 (42 - 42.2)
D	Center of tow ball – side member	515 (20.3)
E	Distance between side members	1030 (40.6)
F	Center of tow ball – center 1. attachment point	447 - 450 (17.6 -17.7)
G	Center of tow ball – center 2. attachment point	747 - 750 (29.4 - 29.5)

5-door

Item	Dimension description	Dimension in mm (inches)
A	Bumper – center of tow ball	81 - 83 (3.2 - 3.3)
B	Attachment point – center of tow ball	3 (0.1)
B	Attachment point – center of tow ball (detachable trailer coupling)	18 (0.7)
C	Wheel center – center of tow ball	896 - 898 (35.3 - 35.4)
D	Center of tow ball – side member	515 (20.3)
E	Distance between side members	1030 (40.6)
F	Center of tow ball – center 1. attachment point	396 - 398 (15.6 - 15.7)
G	Center of tow ball – center 2. attachment point	696 - 698 (27.4 - 27.5)

Audio introduction

IMPORTANT AUDIO INFORMATION

WARNINGS



Due to technical incompatibility, recordable (CD-R) and rewritable (CD-RW) discs may not function correctly.



These CD radio units will play compact discs that conform to the International Red Book standard audio specification. Copy protected CDs from some manufacturers do not conform to this standard and playback cannot be guaranteed.



Dual format, dual sided discs (DVD Plus, CD-DVD format), adopted by the music industry, are thicker than normal CDs and consequently playback cannot be guaranteed, and jamming could occur. Irregular shaped CDs and CDs with a scratch protection film or self adhesive labels attached should not be used. Warranty claims, where this type of disc is found to be inside an audio unit returned for repair, will not be accepted.



All CD units are designed to play commercially pressed 12 cm audio compact discs only.



The audio unit may be damaged if unsuitable items like credit cards or coins are pushed inside the CD aperture.

CAUTION—INVISIBLE LASER RADIATION WHEN OPEN
DO NOT STARE INTO BEAM OR
VIEW DIRECTLY WITH OPTICAL INSTRUMENTS

Disc labels

Audio CD



MP3



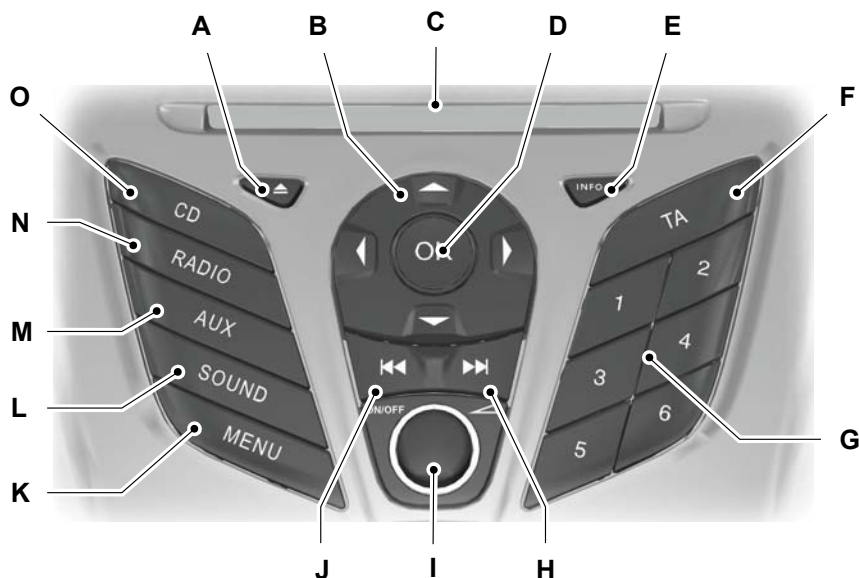
Audio unit labels

CLASS 1
LASER PRODUCT

Audio unit overview

Note: Units have an integrated multi function display situated above the CD aperture. This shows important information regarding control of your audio unit. Additionally, there are various icons placed around the display screen which light up when a function is active (for example CD, Radio or Aux.)

Type 1



E130324

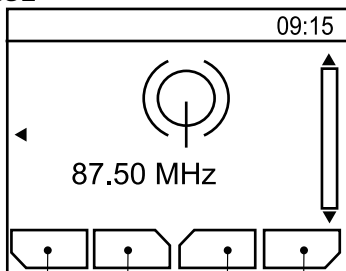
- A **Eject:** Press the button to eject a CD. See **Compact Disc Player** (page 215).
- B **Cursor arrows:** Press a button to scroll through on-screen choices.
- C **CD slot:** Where you insert a CD. See **Compact Disc Player** (page 215).
- D **OK:** Press the button to confirm on-screen selections.
- E **INFO:** Press the button to access radio, CD, USB and iPod information.

Audio unit overview

- F **TA:** Press the button to turn traffic announcements on or off and cancels announcements during an active announcement. See **Traffic information control** (page 211).
- G **Numeric keypad:** Press the button to recall a previously stored station. To store a favorite station press and hold until the sound returns. See **Station preset buttons** (page 211).
- H **Seek up:** Press the button to go to the next station up the radio frequency band or the next track on a CD. See **Station tuning control** (page 210). See **Track selection** (page 215).
- I **On, Off and Volume:** Press the button to switch the audio system on or off. Turn the dial to adjust the volume.
- J **Seek down:** Press the button to go to the next station down the radio frequency band or the previous track on a CD. See **Station tuning control** (page 210). See **Track selection** (page 215).
- K **MENU:** Press the button to access different audio system features.
- L **SOUND:** Press the button to adjust the sound settings for bass, treble, middle, balance and fade. See **Sound button** (page 210).
- M **AUX:** Press the button to access the AUX and SYNC features, it will also cancel the menu or list browsing. See **Audio Input Jack** (page 113). See **Auxiliary input jack** (page 219).
- N **RADIO:** Press the button to select different radio bands, it will also cancel the menu or list browsing. See **Audio unit operation** (page 210).
- O **CD:** Press the button to change source to CD, it will also cancel the menu or list browsing. See **Compact Disc Player** (page 215).

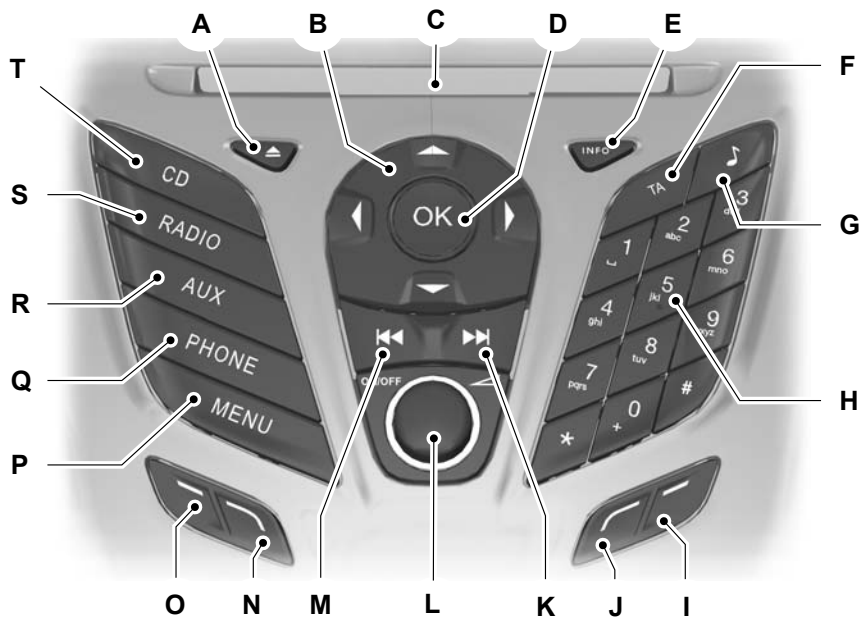
Audio unit overview

Type 2



E104157

A Descriptions for function buttons
1-4



E130142

Audio unit overview

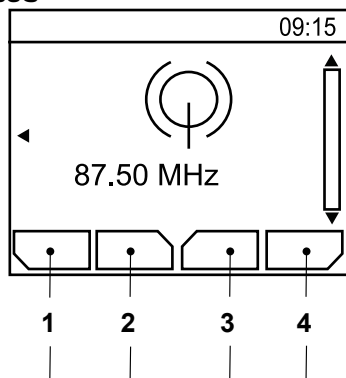
- A **Eject:** Press the button to eject a CD. See **Compact Disc Player** (page 215).
- B **Cursor arrows:** Press a button to scroll through on-screen choices.
- C **CD slot:** Where you insert a CD. See **Compact Disc Player** (page 215).
- D **OK:** Press the button to confirm on-screen selections.
- E **INFO:** Press the button to access radio, CD, USB and iPod information.
- F **TA:** Press the button to turn traffic announcements on or off and cancels announcements during an active announcement. See **Traffic information control** (page 211).
- G **Sound:** Press the button to adjust the sound settings for bass, treble, middle, balance and fade. See **Sound button** (page 210).
- H **Numeric keypad:** Press the button to recall a previously stored station. To store a favorite station press and hold until the sound returns. See **Station preset buttons** (page 211).
- I **Function button 4:** Press the button to select different functions of the audio system depending on which mode (i.e. radio or CD) you are in.
- J **Function button 3:** Press the button to select different functions of the audio system depending on which mode (i.e. radio or CD) you are in.
- K **Seek up:** Press the button to go to the next station up the radio frequency band or the next track on a CD. See **Station tuning control** (page 210). See **Track selection** (page 215).
- L **On, Off and Volume:** Press the button to switch the audio system on or off. Turn the dial to adjust the volume.
- M **Seek down:** Press the button to go to the next station down the radio frequency band or the previous track on a CD. See **Station tuning control** (page 210). See **Track selection** (page 215).
- N **Function button 2:** Press the button to select different functions of the audio system depending on which mode (i.e. radio or CD) you are in.
- O **Function button 1:** Press the button to select different functions of the audio system depending on which mode (i.e. radio or CD) you are in.
- P **MENU:** Press the button to access different audio system features.
- Q **PHONE:** Press the button to access the phone feature of the SYNC system by pressing **PHONE** then **MENU**. See separate manual.
- R **AUX:** Press the button to access the AUX and SYNC features, it will also cancel the menu or list browsing. See **Audio Input Jack** (page 113). See **Auxiliary input jack** (page 219).

Audio unit overview

- S **RADIO:** Press the button to select different radio bands, it will also cancel the menu or list browsing. See **Audio unit operation** (page 210).
- T **CD:** Press the button to change source to CD, it will also cancel the menu or list browsing. See **Compact Disc Player** (page 215).

Function buttons 1 to 4 are context dependent, and change according to the current unit mode. Descriptions for the functions are shown at the bottom of the screen display.

Type 3

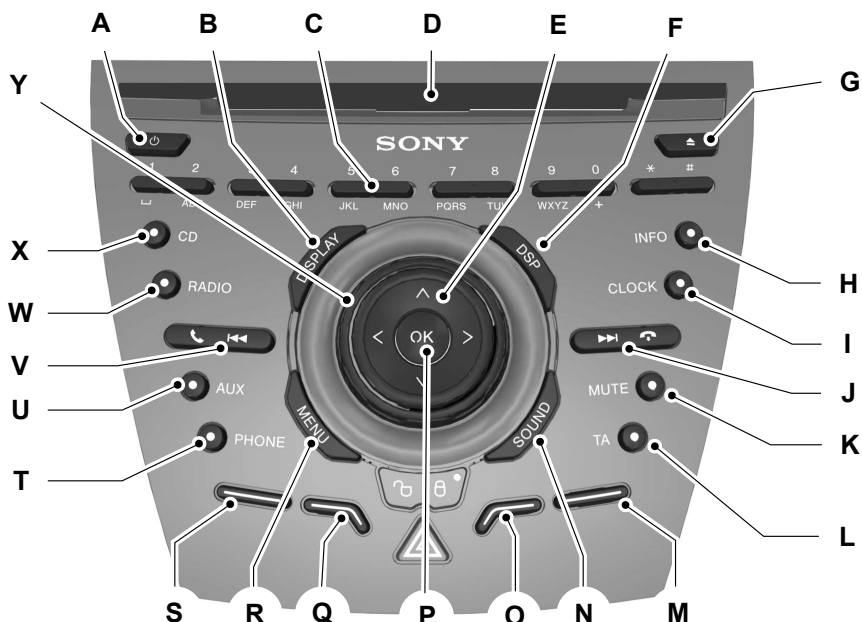


E104157

A

- A Descriptions for function buttons 1-4

Audio unit overview



E129074

- A **On, Off:** Press the button to switch the audio system on or off.
- B **DISPLAY:** Press the button to turn on the display into idle mode.
- C **Numeric keypad:** Press the button to recall a previously stored station. To store a favorite station press and hold until the sound returns. See **Station preset buttons** (page 211).
- D **CD slot:** Where you insert a CD. See **Compact Disc Player** (page 215).
- E **Cursor arrows:** Press the button to scroll through on-screen choices.
- F **Digital signal processing:** Press the button to access the digital signal processing functions. See **Digital signal processing (DSP)** (page 213).
- G **Eject:** Press the button to eject a CD. See **Compact Disc Player** (page 215).
- H **INFO:** Press the button to access radio, CD, USB and iPod information.
- I **CLOCK:** Press the button to access the clock functions.

Audio unit overview

- J **Seek up:** Press the button to go to the next station up the radio frequency band or the next track on a CD when in CD mode. In phone mode, use the button to end a phone call. An incoming call can be rejected. See **Station tuning control** (page 210). See **Track selection** (page 215).
- K **MUTE:** Press the button to turn the sound off, press again to turn the sound on.
- L **TA:** Press the button to turn traffic announcements on or off and cancels announcements during an active announcement. See **Traffic information control** (page 211).
- M **Function button 4:** Press the button to select different functions of the audio system depending on which mode (i.e. radio or CD) you are in.
- N **SOUND:** Press the button to adjust the sound settings for bass, treble, middle, balance and fade. See **Sound button** (page 210).
- O **Function button 3:** Press the button to select different functions of the audio system depending on which mode (i.e. radio or CD) you are in.
- P **OK:** Press the button to confirm on-screen selections.
- Q **Function button 2:** Press the button to select different functions of the audio system depending on which mode (i.e. radio or CD) you are in.
- R **MENU:** Press the button to access different audio system features.
- S **Function button 1:** Press the button to select different functions of the audio system depending on which mode (i.e. radio or CD) you are in.
- T **PHONE:** Press the button to access the phone feature of the SYNC system by pressing **PHONE** then **MENU**. See separate manual.
- U **AUX:** Press the button to access the AUX and SYNC features, it will also cancel the menu or list browsing. See **Audio Input Jack** (page 113). See **Auxiliary input jack** (page 219).
- V **Seek down:** Press the button to go to the next station down the radio frequency band or the previous track on a CD, When in CD mode. In phone mode use the button to begin a phone call. An incoming phone call can be accepted. See **Station tuning control** (page 210). See **Track selection** (page 215).
- W **RADIO:** Press the button to select different radio bands, it will also cancel the menu or list browsing. See **Audio unit operation** (page 210).
- X **CD:** Press the button to change source to CD, it will also cancel the menu or list browsing. See **Compact Disc Player** (page 215).
- Y **Volume:** Turn the dial to adjust the volume.

Audio unit overview

Function buttons 1 to 4 are context dependent, and change according to the current unit mode. Descriptions for the functions are shown at the bottom of the screen display.

SECURITY CODE

Each unit incorporates a unique code that is linked to the vehicle identification number (VIN). The system will automatically check that the audio unit and vehicle match before allowing operation.

If a security code message appears, please see your dealer.

Audio unit operation

ON/OFF CONTROL

Press the on/off control. This will also operate the unit for up to one hour with the ignition turned off.

The radio will switch off automatically after one hour.

SOUND BUTTON

This will allow you to adjust the sound settings (for example bass and treble).

1. Press the sound button.
2. Use the up and down arrow buttons to select the required setting.
3. Use the left and right arrow buttons to make the necessary adjustment. The display indicates the level selected.
4. Press the **OK** button to confirm the new settings.

WAVEBAND BUTTON

Press the RADIO button to select from the wavebands available.

The selector can also be used to return to radio reception when you have been listening to another source.

Alternatively, press the left arrow button to display the available wavebands. Scroll to the required waveband and press OK.

STATION TUNING CONTROL

DAB service linking

Note: *The DAB service linking is as per default off.*

Note: *Service linking allows cross-referencing to other corresponding frequencies of the same station, for example FM and other DAB ensembles.*

Note: *The system will automatically change to another corresponding station if the current one becomes unavailable, for example when leaving the coverage area.*

Switching DAB service linking on and off. See **General Information** (page 80).

Seek tuning

Select a waveband and briefly press one of the seek buttons. The unit will stop at the first station it finds in the direction you have chosen.

Manual tuning

Type 1

1. Press the MENU button.
2. Select RADIO mode and then MANUAL TUNE.
3. Use the left and right arrow buttons to tune down or up the waveband in small increments or press and hold to increment quickly, until you find a station you want to listen to.
4. Press OK to continue listening to a station.

Type 2 and 3

1. Press function button 2.
2. Use the left and right arrow buttons to tune down or up the waveband in small increments or press and hold to increment quickly, until you find a station you want to listen to.
3. Press OK to continue listening to a station.

Scan tuning

Scan allows you to listen to a few seconds of each station detected.

Type 1

1. Press the MENU button.

Audio unit operation

2. Select RADIO mode and then SCAN.
3. Use the seek buttons to scan up or down the selected waveband.
4. Press OK to continue listening to a station.

Type 2 and 3

1. Press function button 3.
2. Use the seek buttons to scan up or down the selected waveband.
3. Press function button 3 again or OK to continue listening to a station.

STATION PRESET BUTTONS

This feature allows you to store your favorite stations so that they can be recalled by selecting the appropriate waveband and pressing one of the preset buttons.

1. Select a waveband.
2. Tune to the station required.
3. Press and hold one of the preset buttons. A progress bar and message will appear. When the progress bar completes the station has been stored. The audio unit will also mute momentarily as confirmation.

This can be repeated on each waveband and for each preset button.

Note: *When you drive to another part of the country, FM and DAB stations that broadcast on alternative frequencies, and are stored on preset buttons, may be updated with the correct frequency and station name for that area.*

AUTOSTORE CONTROL

Note: *This will store up to a maximum of the 10 strongest signals available, either from the AM or the FM waveband, and overwrite the previously stored stations. It can also be used to store stations manually in the same way as other wavebands.*

Note: *On type 3 you must select either FM AST or AM AST to use this function.*

- Press and hold function button 1 or the RADIO button.
- When the search is complete, sound is restored and the strongest signals are stored on the Autostore presets.

TRAFFIC INFORMATION CONTROL

Many stations that broadcast on the FM waveband have a TP code to signify that they carry traffic program information.

Activating traffic announcements

Before you can receive traffic announcements, you must press either the TA or TRAFFIC button. A 'TA' display will appear to show the feature is switched on.

If you are already tuned to a station that broadcasts traffic information, 'TP' will also be displayed. Otherwise the unit will search for a traffic program.

When traffic information is broadcast, it will automatically interrupt normal radio or CD playback and 'Traffic announcement (TA)' will appear in the display.

If a non-traffic station is selected or recalled using a preset button, the audio unit will remain on that station unless TA or TRAFFIC is turned off, then on again.

Note: *If TA is on and you select a preset or manual tune to a non TA station no traffic announcement will be heard.*

Audio unit operation

Note: *When you are listening to a non TA station and turn TA 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 TA 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.*

Audio unit menus

AUTOMATIC VOLUME CONTROL

When available, automatic volume control (AVC) adjusts the volume level to compensate for engine noise and road speed noise.

1. Press the MENU button and select AUDIO.
2. Select AVC LEVEL or ADAPTIVE VOL.
3. Use the left or right arrow button to adjust the setting.
4. Press the OK button to confirm your selection.
5. Press the MENU button to return.

DIGITAL SIGNAL PROCESSING (DSP)

DSP occupancy

This feature takes into account the differences in distance from the various speakers in the vehicle to each seat. Select the sitting position for which the audio is to be correctly enhanced.

DSP equalizer

Select the music category that most suits your listening preference. The audio output will change to enhance the particular style of music chosen.

Changing the DSP settings

1. Press the MENU button.
2. Select AUDIO or AUDIO SETTINGS.
3. Scroll to the required DSP function.
4. Use the up and down arrow buttons to select the required setting.
5. Press the OK button to confirm your selection.
6. Press the MENU button to return.

NEWS BROADCASTS

Some audio units interrupt normal reception to broadcast news bulletins from stations on the FM waveband or radio data system (RDS) and enhanced other network (EON) linked stations, in the same way as traffic information is provided.

During news broadcasts, the display will indicate there is an incoming announcement. News interrupts are broadcast at the same preset volume level as traffic announcements.

1. Press the MENU button.
2. Select AUDIO or AUDIO SETTINGS.
3. Scroll to NEWS and turn on or off with the OK button.
4. Press the MENU button to return.

ALTERNATIVE FREQUENCIES

Many programs that broadcast on the FM waveband have a program identification (PI) code, which can be recognized by audio units.

If your radio has alternative frequencies (AF) tuning switched on and you move from one transmission area to another, this facility will search for and switch to a stronger station signal, if one can be found.

Under certain conditions, however, AF tuning may temporarily disrupt normal reception.

When selected, the unit continually evaluates signal strength and, if a better signal becomes available, the unit will switch to that alternative. It mutes while it checks a list of alternative frequencies and, if necessary, it will search once across the selected waveband for a genuine alternative frequency.

Audio unit menus

It will restore radio reception when it finds one or, if one is not found, the unit will return to the original stored frequency.

When selected, 'AF' will be shown in the display.

1. Press the MENU button.
2. Select AUDIO or AUDIO MENU.
3. Scroll to ALTERNAT FREQ. or ALTERNATIVE FREQ. and turn on or off with the OK button.
4. Press the MENU button to return.

REGIONAL MODE (REG)

Regional mode (REG) controls the behavior of AF 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' AF 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' AF switches if they are not.

1. Press the MENU button.
2. Select AUDIO or AUDIO SETTINGS.
3. Scroll to RDS REGIONAL and turn on or off with the OK button.
4. Press the MENU button to return.

Compact Disc Player

COMPACT DISC PLAYBACK

Note: During playback, the display indicates the disc, track and time that has elapsed since the start of the track.

During radio reception, press the CD button once to start CD playback.

Playback will start immediately after a disc is loaded.

TRACK SELECTION

- Press the seek up button once to move to the next track or press it repeatedly to access later tracks.
- Press the seek down button once to replay the current track. If pressed within two seconds of the start of a track, the previous track will be selected.
- Press the seek down button repeatedly to select previous tracks.
- Press the up or down arrow buttons, and using the OK button, select the required track.

Type 2 and 3

The desired track number may be entered using the numeric keypad. Dial the required track number until complete (for example 1 then 2 for track 12), or dial the number and directly press OK.

FAST FORWARD/REVERSE

Press and hold the seek down or up buttons to search backwards or forwards within the tracks on the disc.

SHUFFLE/RANDOM

Random track playback, also known as shuffle, plays all tracks on the CD in random order.

Type 1

1. Press the MENU button and select CD MODE.
2. Select SHUFFLE, which then enables the function to be selected on or off.

When an MP3 CD is playing, options include SHUFFLE for the whole CD, or to play all the tracks in the folder in a random order.

Type 2 and 3

Press function button 2.

Note: When an MP3 CD is playing, options include SHUFFLE for the whole CD, or to play all the tracks in the folder in a random order. Repeat presses of function button 2 will toggle these options.

Use the seek up or down button to select the next track to shuffle if required.

REPEAT COMPACT DISC TRACKS

Type 1

1. Press the MENU button and select CD MODE.
2. Select REPEAT, which then enables the function to be selected on or off. The track will replay once ended.

When an MP3 CD is playing, options include REPEAT for the track, or to repeat all the tracks in the folder.

Type 2 and 3

Press function button 1.

Compact Disc Player

When an MP3 CD is playing, options include REPEAT for the track, or to repeat all the tracks in the folder. Repeat presses of function button 1 will toggle these options.

COMPACT DISC TRACK SCANNING

The SCAN function allows you to preview each track for approximately 5 seconds.

Type 1

Various scan modes are possible, according to the type of CD currently playing.

1. Press the MENU button and select CD MODE.
2. Select SCAN, which then enables the function to be selected on or off.

Note: When an MP3 CD is playing, options include SCAN for the CD, or just the tracks in the folder.

3. Press the OK button to stop the scan mode.

Type 2 and 3

1. Press function button 3.

Note: When an MP3 CD is playing, options include SCAN for the CD, or just the tracks in the folder. Repeat presses of function button 3 will toggle these options.

2. Press function button 3 again to stop the scan mode.

MP3 FILE PLAYBACK

MP3 (MPEG1 Audio Layer-3) is a standard technology and format for compressing audio data. This allows a more efficient use of the media.

You can play MP3 files recorded on CD-ROMs, CD-Rs, and CD-RWs. The disc must be in the ISO 9660 level 1 or level 2 format, or Joliet or Romeo in the expansion format. You can also use a disc recorded in Multi Session.

ISO 9660 format

This is the most common international standard for the logical format of files and folders on a CD-ROM.

There are several specification levels. In Level 1, file names must be in the 8.3 format (no more than 8 characters in the name, no more than 3 characters in the extension ".MP3") and in capital letters.

Folder names can be no longer than 8 characters. There can be no more than 8 folder levels (trees). Level 2 specifications allow file names up to 31 characters long.

Each folder can have up to 8 trees.

For Joliet or Romeo in the expansion format, please consider these restrictions when configuring your CD writing software.

Multi session

This is a recording method that enables adding of data using the Track-At-Once method.

Conventional CDs begin at a CD control area called the Lead-in and end at an area called Lead-out. A Multi Session CD is a CD having multiple sessions, with each segment from Lead-in to Lead-out regarded as a single session.

- CD-Extra: The format that records audio (audio CD data) as tracks on session 1, and records data as tracks on session 2.
- Mixed CD: In this format, data is recorded as track 1, and audio (audio CD data) is recorded as track 2.

Compact Disc Player

File formats

- With formats other than ISO 9660 level 1 and level 2, folder names or file names may not be displayed correctly.
- When naming, be sure to add the file extension “.MP3” to the file name.
- If you put the extension “.MP3” to a file other than MP3, the unit cannot recognize the file properly and will generate random noise that could damage your speakers.
- The following discs take a longer time to start playback.
 - a disc recorded with complicated tree structure.
 - a disc recorded in Multi Session.
 - a non-finalized disc to which data can be added.

Playing a multi session disc

When the first track of the first session is audio CD data

Only audio CD data of the first session is played back. Non-audio CD data/MP3 file information (track number, time, etc.) is displayed with no sound.

When the first track of the first session is not audio CD data

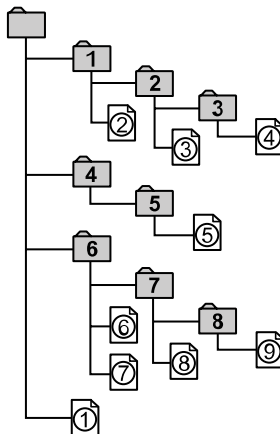
- If an MP3 file is in the disc, only MP3 file(s) play back and other data is skipped. (Audio CD data is not recognized.)
- If no MP3 file is in the disc, nothing is played back. (Audio CD data is not recognized.)

MP3 files playback order

The playback order of the folders and files is as shown.

Note: A folder that does not include an MP3 file is skipped.

Playback tip: To specify a desired playback order, before the folder or file name, input the order by number (e.g., “01,” “02”), then record contents onto a disc. (The order differs depending on the writing software.)



ID3 Tag Version 2

The following occurs when an MP3 file containing ID3 tag ver.2 is played:

- When skipping a portion of ID3 tag ver.2 (at the beginning of the track), sound is not output. Skip time changes depending ID3 tag ver.2 capacity. Example: At 64 kbytes, it is about 2 seconds (with RealJukebox).
- The displayed elapsed playing time when skipping a portion of ID3 tag ver.2 is inaccurate. For MP3 files of a bit rate other than 128 kbps, time is not displayed accurately during playback.
- When an MP3 file is created with MP3 conversion software (e.g. RealJukebox - a registered trademark of RealNetworks Inc.), ID3 ver.2 will automatically be written.

Compact Disc Player

MP3 navigation

MP3 tracks may be recorded on the CD in several ways. They can all be placed in the root directory like a conventional audio CD, or they can be placed in folders that may represent, for example, an album, an artist, or a genre.

The normal playing sequence on CDs with multiple folders is to play the tracks within the root (top level) first, then the tracks in any folder(s) within the root, then move onto the second folder, and so forth.

- Press the up or down arrow buttons to enter the track list.
- Navigate the hierarchy using the arrow buttons to select another folder or track (file).
- Press OK to select a highlighted track.

- The disc name
- The artist name
- The track name

These display options are selected in the same way as MP3 displays.

ENDING COMPACT DISC PLAYBACK

To restore radio reception on all units:

- Press the RADIO button.

Note: *This will not eject the CD; the disc will merely pause at the point where radio reception was restored.*

To resume CD playback, press the CD button again.

MP3 DISPLAY OPTIONS

Note: *Type 1 units may require repeated button presses of the INFO button to display all the available track information.*

When an MP3 disc is playing, certain information encoded in each track can be displayed. Such information will normally include:

- The file name
- The folder name
- ID3 information which might be the album or artist's name

The unit will normally show the file name that is playing. To select one of the other items of information:

- Press the INFO button.

CD text display options

When an audio disc with CD text is playing, limited information encoded in each track can be displayed. Such information will normally include:

Auxiliary input jack

Note: *For optimum performance when using any auxiliary device set the volume on the device high. This will reduce audio interference when charging the device via the vehicle power supply socket.*

When fitted the Auxiliary input (AUX IN) socket permits an auxiliary device, such as an MP3 player, to be linked into the vehicle audio system. Output can be played through the vehicle speakers.

To connect an auxiliary device, plug it into the AUX IN socket using a 3.5 mm conventional audio jack connector.

Select the auxiliary input via the AUX or MENU button and playback will be heard through the vehicle speakers. LINE IN or LINE IN ACTIVE will appear in the vehicle audio unit display. Volume, treble and bass can be adjusted on the vehicle audio unit as normal.

The vehicle audio unit buttons can also be used to restore playback from the vehicle audio unit, while the auxiliary device remains connected.

Audio Troubleshooting

AUDIO TROUBLESHOOTING

Audio unit display	Rectification
PLEASE CHECK CD	General error message for CD fault conditions, such as cannot read the CD, data-CD inserted, etc. Ensure disc is loaded correct way up. Clean and re-try, or replace disc with known music disc. If error persists contact your dealer.
CD DRIVE MALFUNCTION	General error message for CD fault conditions such as possible mechanism fault.
CD DRIVE HIGH TEMP	Ambient temperature too hot – unit will not work until it has cooled down.
IPOD ERROR READING DEVICE	General error message for iPod fault conditions, such as cannot read the data. Ensure iPod is inserted correctly. If error persists contact your dealer.

Navigation

Press the relevant button on the unit bezel to access the system functions. This will take you into the selected mode.

For instructions on how to operate the audio unit and the available navigation features, see the relevant audio unit procedure.

Loading Map Data

WARNINGS



The indicated maximum speed may not be applicable to your vehicle. It is always your responsibility to control your vehicle, supervise any system and obey the correct speed limit. Failure to do so could result in loss of vehicle control.



The front glass on the liquid crystal display may break if hit with a hard object. If the glass breaks, do not touch the liquid crystalline material. In case of contact with the skin, wash immediately with soap and water.

Note: Do not switch the ignition on or attempt to start the engine while the software is updating.

Note: Do not clean the unit with solvents or aerosol cleaning agents. Use only a damp cloth.

Note: The navigation SD card must be in the SD card slot to operate the navigation system. If you need a replacement SD card, see an authorized dealer.

Note: The SD card slot is spring-loaded. To remove the SD card, push the card in and release it. Do not attempt to remove the card without first pushing it in. This could cause damage.



E129900

1. Load the navigation SD card into the slot.
2. Press the **NAV** button. The road safety warning confirms the map data import was successful.
3. The system is now ready to use.

For map updates and system upgrades, see an authorized dealer.

Note: You can only use Ford licensed data.

Road Safety

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.

Navigation

Note: You are ultimately responsible for the safe operation of your vehicle and must evaluate whether it is safe to follow route suggestions. Navigation features are provided only as an aid. Driving decisions based on observations of local conditions and existing traffic regulations must be observed. Do not follow route suggestions if they would result in an unsafe or illegal maneuver, an unsafe situation, or if you would be directed into an area that you consider unsafe. Maps used by this system may be inaccurate due to errors, changes in roads, traffic or driving conditions.

Safety Information

If detailed viewing of route instructions is necessary, pull off the road when it is safe to do so and park your vehicle.

Setting a Route

Press the NAV button and select:	
Destination input	Starting at the top, select the country followed by either the postcode or city and street name, together with the house number or intersection. Use the arrow buttons to enter the destination details.
Start guidance	Select this after entering sufficient information.

Note: After the first entry, the country selected will remain the default option until you manually change it.

The route is calculated and the screen returns to the main navigation screen. If prompted, select the type of route you require first. Follow the screen and voice prompts to reach your destination.

Note: If required you can select different character screens by using the up and down arrow buttons.

Note: If you only need to navigate to a city center, just enter the city name and start guidance.

Note: If you only need to navigate to a district, within a city for example, just enter the district name and start guidance.

Menu Structure

You can access the menu using the information and entertainment display control. See **Information Displays** (page 80).

For a description on some menu items refer to the relevant table.

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

Navigation

Navigation Menu Structure

Route	Active guidance
	Route sections list
	Block next section
	Unblock route sections
Destination input	Country
	City/postcode
	Street
	District
	Start guidance
Traffic	TA
	TMC for route
	All TMC
	Block next section
	Route sections list
	Unblock route sections
Home address	Start guidance
	Change address
Last destinations	
Favourites	Favourites (A-Z)
Points of interest	POIs nearby
	Near destination
	Along motorway
	POIs near address
	Search by name
Tour planning	New tour
	Stored tours

Navigation

Store position		
Route options	Route	Eco
		Fast
		Short
		Always ask
	Driver:	Leisurely
		Normal
		Fast
	Eco settings	Trailer:
		Roof box
	Dynamic	
	Motorway	
	Tunnel	
	Ferry/motorail	
	Toll	
	Seasonal roads	
	Toll sticker	
Special functions	GPS info	
	System info	
	Enter position	
	Demo mode	

Route Options

Press the **NAV** button and scroll to route options. You can then set your route options for any of the following.

Navigation

Function		Description
Route:	Always ask	Select to make sure that you are always given the choice of route option for your journey.
Eco		Uses the most fuel efficient route. Your driving style will influence this.
Fast		Uses the fastest route possible.
Short		Uses the shortest distance possible.
Driver:	Leisurely	This option will calculate your time of arrival based on a leisurely drive to the destination.
	Normal	This option will calculate your time of arrival based on a normal drive to the destination.
	Fast	This option will calculate your time of arrival based on a fast drive to the destination.
Eco settings	Trailer:	Use this feature to change the economy settings of your journey relating to whether or not you are towing a trailer and if so the size of trailer being towed.
	Roof box	Use this feature to change the economy settings of your journey relating to the use of a roof box.
	Dynamic	When switched on, and if the unit is receiving a valid traffic message channel signal, the route will be automatically updated to take into account real time traffic incidents or congestion. This feature can be useful in avoiding delays or hold ups on journeys.
	Motorway	When switched off the system will avoid freeways on your route and automatically update your route distance and timings.
	Tunnel	When switched off the system will avoid tunnels on your route and automatically update your route distance and timings.

Navigation

Function		Description
	Ferry/motorail	When switched off the system will avoid ferry crossings and car train facilities on your route and automatically update your route distance and timings.
	Toll	When switched off the system will avoid toll roads on your route and automatically update your route distance and timings.
	Seasonal roads	When switched off the system will avoid seasonal roads (for example, mountain passes) on your route and automatically update your route distance and timings.
	Toll sticker	When switched off the system will avoid toll routes and automatically update your route distance and timings.

Information

Press the information button to view details of your current location or journey. During active route guidance pressing this button will repeat the last navigation instruction.

Setting Your Navigation Preferences

Select settings for the system to take into account when planning your route.

Press the NAV button and choose any of the following options.

When You Select	You Can
Destination input	Enter your destination details (for example enter city names, enter street names or pick a place from a map).
Traffic	Choose how you want the system to handle traffic problems along your route (for example, block sections on route).
Home address	See the location on the map currently stored as the home position. Only one entry can be saved as the home address.
Last destinations	Access a history of previous destinations entered in the system. Select the required repeat destination from the list.
Favourites	See a list of your saved favorites.
Points of interest	Search for and select points of interest nearby, on your route or at your destination. You can search by name or by category.

Navigation

When You Select	You Can
Tour planning	Set up and store a new tour by entering a number of different destinations and select the order in which you wish to visit them. You can also modify an existing tour or recall a previous tour. The system will automatically calculate and display your chosen journey.
Store position	Store and name your current position. This will automatically save in your favorites.
Route options	Set your route options from the available list.
Special functions	Select GPS and system information or a demonstration of the system functionality. Select a demonstration mode where the system will simulate a journey whilst the vehicle is stationary. You can manually select a vehicle start position.

Press the MENU button, select the navigation option and choose any of the following options.

When You Select	You Can
Route options	Set your route options.
Map display	Customize the map display for your journey (for example arrows on map, arrival times and map content).
Assistance options	Customize display information for your journey (for example signs, lanes and speed limits). Turn the hazard warning feature on or off.
Personal data	Delete personal data (for example your home address).
Reset all settings	Reset the navigation settings.

Storing Your Home Address

1. Press the **NAV** button.
2. Select the home address option.
3. Enter the required details using the arrow buttons.
4. Press the confirm function button.

Note: Your last destination will automatically display if you go to change your home address.

Adding a Favorite

1. Press the **NAV** button.
2. Scroll to the destination input option.
3. Enter the required details using the arrow buttons.
4. Press the store function button.

Note: If you select store position, this will also save the destination in your favorites.

Navigation

Selecting a Favorite

1. Press the **NAV** button.
2. Select the favorites option.
3. Scroll to the required destination using the arrow buttons.
4. Press the **OK** button to start navigation.

Adjusting the Navigation Voice Level

You can adjust the voice prompt level during an active voice prompt by using the volume control.

Note: During active route guidance pressing the information button will repeat the last navigation instruction.

Nav Audio Mixing

This feature allows you to adjust the volume mix between the audio unit and navigation voice level.

Tolerant Destination Input

This function will search a number of destinations with a similar spelling to what you have entered. This is helpful if you are unsure on how to spell a destination.

Tolerant	Press the NAV button and scroll to this destination input option before entering your destination details.
----------	---

Then begin to input your destination. Press the **OK** button. The system will search for destinations with similar spellings. Use the arrow buttons to select a destination from the list and press the **OK** button to confirm your destination.

Route Displays

Map Display

Press the **MAP** button to view map mode. This view will show your current location with your vehicle in the center shown as an arrow surrounded by a circle. The arrow will face in the direction of travel.

The information on the top line gives the name of the current road, or the next road to take if a turn is approaching.

You can change the way the map is displayed by altering the zoom and orientation settings. Press function button one. The current map scale is shown on the display.

Map scale settings may be set between 0.05 miles to 500 miles or 50 meters to 500 kilometers, with an auto setting on the top. The auto setting continuously changes the map scale according to vehicle speed and the road type being driven.

You can use the arrow buttons to change the view to 2D, turn-by-turn, 3D or a clean view.

Zoom

This feature will automatically increase the zoom on the map display at times when you are required to make a turn, or perform more complex maneuvers. Shortly after the zoom scale will return to the previous level when in auto mode.

Manual: Press function button one and adjust the setting using the left or right arrow buttons. Press **OK** to confirm your setting.

Auto: Press function button one and using the up or down arrow key select the auto option. Press **OK** to confirm your setting.

Navigation

Move

When you are in map mode, press function button two. You can now use the arrow buttons on the audio unit to move around the map.

Press function button two again to return to the original view.

Navigation Display

After commencing a navigation route, the default screen is the main navigation screen.

Once an active route is underway, guidance will be given by on-screen information and voice prompts. Whichever audio source you wish to leave the unit in, basic turn by turn and distance information will remain on the screen in the form of a graphic inset. You do not need to leave the unit on the main navigation screen when you are navigating a route. Press the **MAP** button at any time to return to the main navigation screen. Slightly more detailed information on your route may be available using the main navigation screen if required.

Hazard Spot Warning

The system supports a hazard spot warning feature which informs you with visible and audible feedback about hazardous traffic areas.

Assistance options	You can switch the system on and off using the information and entertainment display menu. Refer to this option in the navigation menu.
--------------------	---

Note: *This feature is only available in certain countries.*

Navigation Map Updates

Annual navigation map updates are available for purchase. See an authorized dealer.

Type Approvals



SD Logo is a trademark.

The navigation software is based in part on the work of the FreeType team © 2006

The navigation software is based in part on the work of the independent JPEG Group.

Appendices

TYPE APPROVALS

FCC/INDUSTRY CANADA NOTICE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC ID: WJLRX-42

IC: 7847A-RX42

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

RX-42 - declaration of conformity

We, the party responsible for compliance, declare under our sole responsibility that the Handset Integration product RX-42 is in conformity with the provisions of the following Council Directive: 1999/5/EC. A copy of the Declaration of Conformity can be found at:

www.novero.com/declaration_of_conformity

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TYPE APPROVALS

iPod is a trademark of Apple Inc.

TYPE APPROVALS



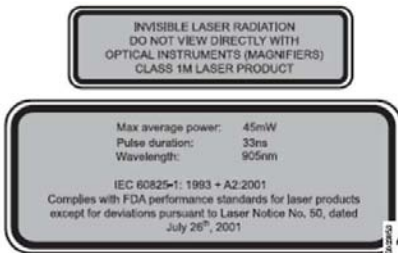
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Appendices

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TYPE APPROVALS

Laser sensor



WARNINGS



Invisible laser radiation. Do not view directly with optical instruments (magnifiers). Class 1M laser product.



IEC 60825-1: 1993 + A2:2001. Complies with FDA performance standards for laser products except for deviation pursuant to Laser Notice No. 50, dated July 26th, 2001.

Appendices

Item	Specification
Max average power	45mW
Pulse duration	33ns
Wavelength	905nm

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 ensure that any equipment you have fitted complies with applicable local legislations. Have any equipment fitted by properly trained technicians.

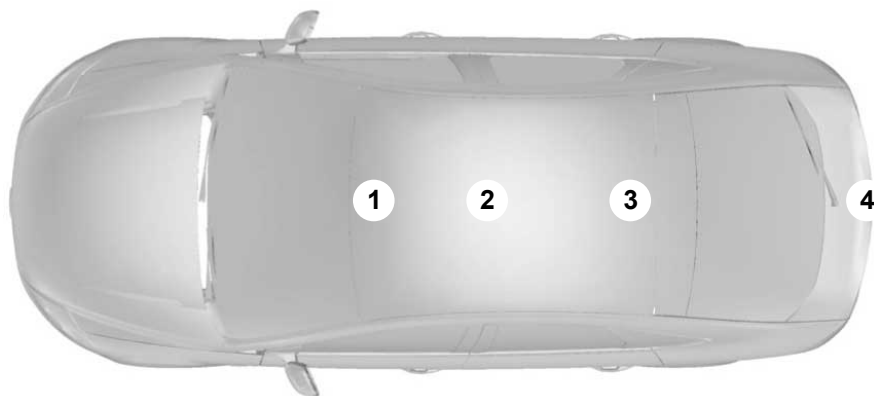
WARNINGS

 The RF (radio frequency) transmitter equipment (e.g. cellular telephones, amateur radio transmitters etc.) may only be fitted to your vehicle if they comply with 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 centimeters (4 inches) from any electronic modules and airbags.



E85998

Appendices

Frequency Band MHz	Maximum output power Watt (Peak RMS)	Antenna Positions
1 – 30	50 W	3, 4
30 – 54	50 W	1, 2, 3
68 – 87.5	50 W	1, 2, 3
142 – 176	50 W	1, 2, 3
380 – 512	50 W	1, 2, 3
806 – 940	10 W	1, 2, 3
1200 – 1400	10 W	1, 2, 3
1710 – 1885	10 W	1, 2, 3
1885 – 2025	10 W	1, 2, 3

Note: After the installation of RF transmitters, check for disturbances from and to all electrical equipment in the 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 the vehicle cabin by the transmitter installed do not exceed applicable human exposure requirements.

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