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ABOUT THIS MANUAL

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

WARNING

Always drive with due care and attention when using and operating the controls and features on your vehicle.

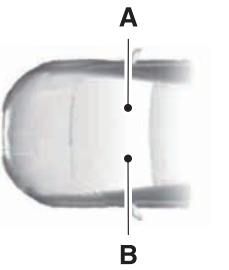
Note: *This manual describes product features and options available throughout the Ford Focus range distributed globally. Some of these features and options may not be applicable to the specific model which you have purchased.*

Note: *The illustrations in this manual may therefore refer to features and options which are not applicable to the specific model which you have purchased. Please note that the essential information described and illustrated is correct.*

Note: *Always use and operate your vehicl 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 authorised 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



Anti-lock braking system


Avoid smoking, flames or sparks


Battery


Battery acid


Brake fluid - non petroleum based


Brake system


Cabin air filter


Check fuel cap


Child safety door lock or unlock


Child seat lower anchor


Child seat tether anchor


Cruise control


Do not open when hot


Engine air filter


Engine coolant


Engine coolant temperature


Engine oil


Explosive gas


Fan warning


Fasten seat belt


Front airbag


Front fog lamps


Fuel pump reset


Fuse compartment


Hazard warning flashers


Heated rear window



Heated windscreen


Interior luggage compartment release


Jack


Lighting control


Low tyre pressure warning


Maintain correct fluid level


Panic alarm


Parking aid


Parking brake


Power steering fluid


Power windows front/rear


Power window lockout


Service engine soon


Side airbag


Stability control


Windscreen wash and wipe

REPLACEMENT PARTS RECOMMENDATION

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

Scheduled Maintenance and Mechanical Repairs

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

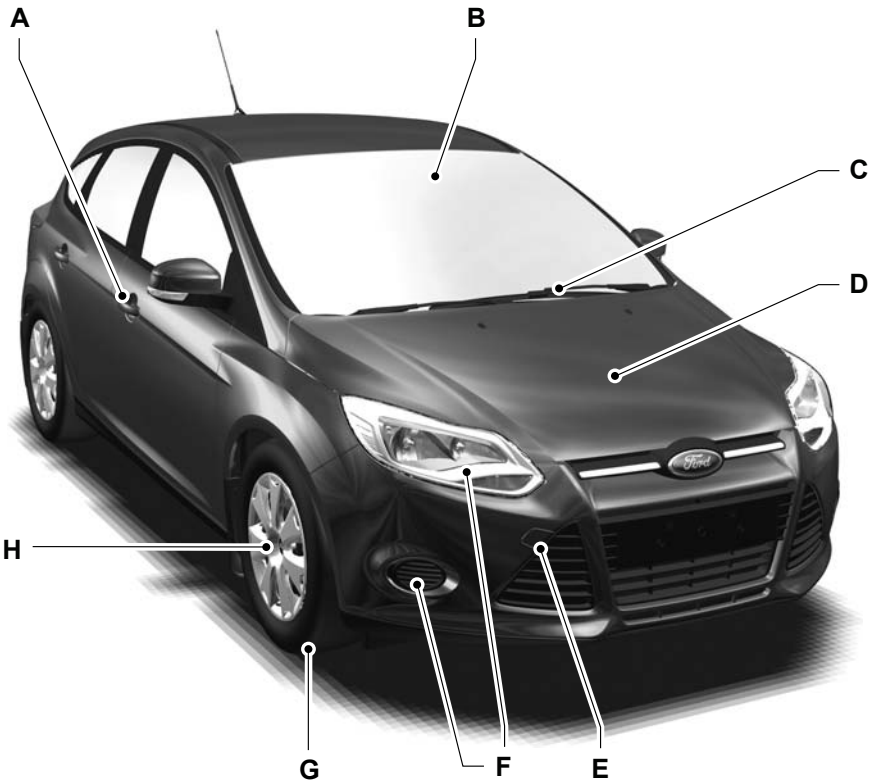
Collision Repairs

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

Warranty on Replacement Parts

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

Front exterior overview



A See **Locking and Unlocking** (page 31). See **Keyless Entry** (page 33).

B See **Automatic Main Beam Control** (page 47). See **Active City Stop** (page 144).

C See **Changing the Wiper Blades** (page 44).

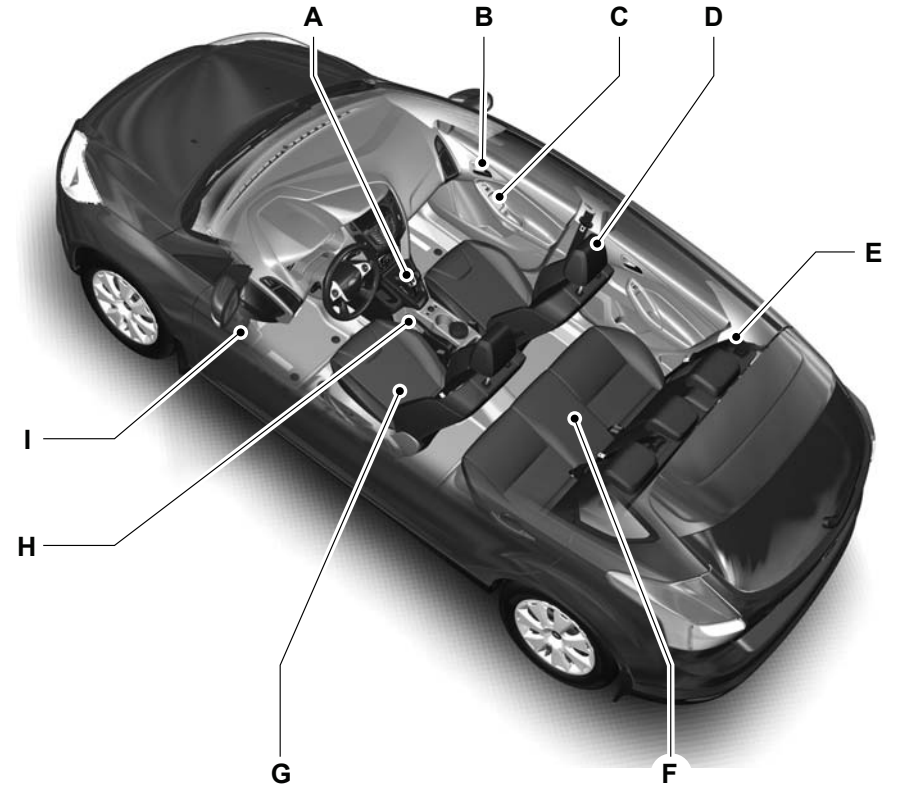
D See **Maintenance** (page 160).

E See **Towing Points** (page 158).

F See **Changing a Bulb** (page 53).

G Tyre pressures. See **Technical Specifications** (page 180).
H See **Changing a Road Wheel** (page 174).

Vehicle interior overview

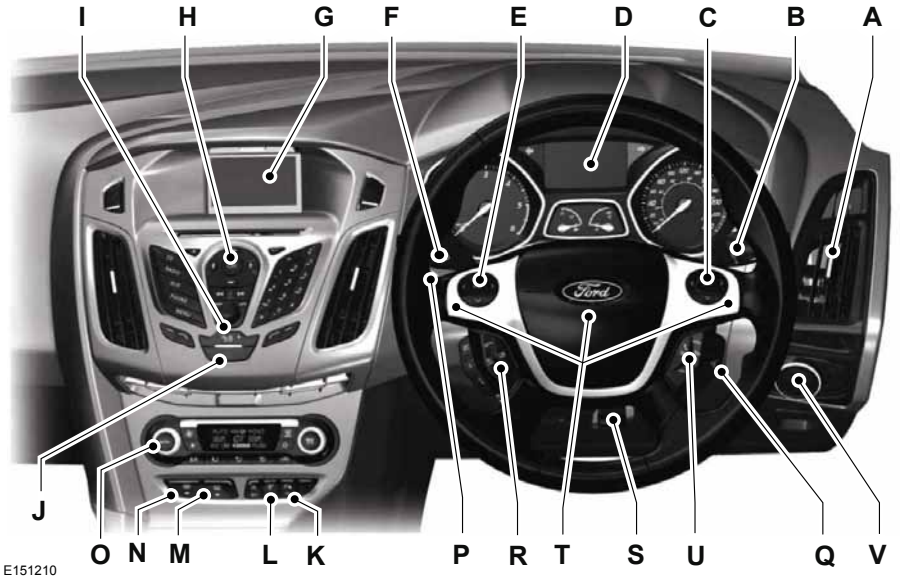


A See **Transmission** (page 121).
B See **Locking and Unlocking** (page 31).
C See **Power Windows** (page 63). See **Electric exterior mirrors** (page 65).
D See **Head Restraints** (page 103).

E See **Fastening the seat belts** (page 25).
F See **Rear Seats** (page 104).
G See **Manual Seats** (page 102). See **Power Seats** (page 104).
H See **Parking Brake** (page 124).
I See **Opening and Closing the Bonnet** (page 160).

Instrument panel overview

Right-hand drive



A Air vents. See **Air Vents** (page 93).
B Direction indicators. See **Direction Indicators** (page 50). Main beam. See **Lighting Control** (page 46).
C Information display control. See **Information Displays** (page 75).
D Instrument cluster. See **Gauges** (page 69). See **Warning Lamps and Indicators** (page 71).

E Audio control or Information and entertainment display control. See **Audio Control** (page 39).

F Wiper lever. See **Wipers and Washers** (page 41).

G Information and entertainment display. See **Information Displays** (page 75).

H Audio unit. See **Audio unit overview** (page 187).

I Door lock button. See **Locking and Unlocking** (page 31).

J Hazard warning flasher switch. See **Hazard Warning Flashers** (page 49).

K Active park assist switch. See **Active Park Assist** (page 133).

L Parking aid switch. See **Parking Aids** (page 128).

M Heated rear window switch. See **Heated Windows and Mirrors** (page 99).

N Heated windscreen switch. See **Heated Windows and Mirrors** (page 99).

O Climate controls. See **Climate Control** (page 93).

P Start button. See **Keyless Starting** (page 112).

Q Ignition switch. See **Ignition Switch** (page 110).

R Audio control. See **Audio Control** (page 39).

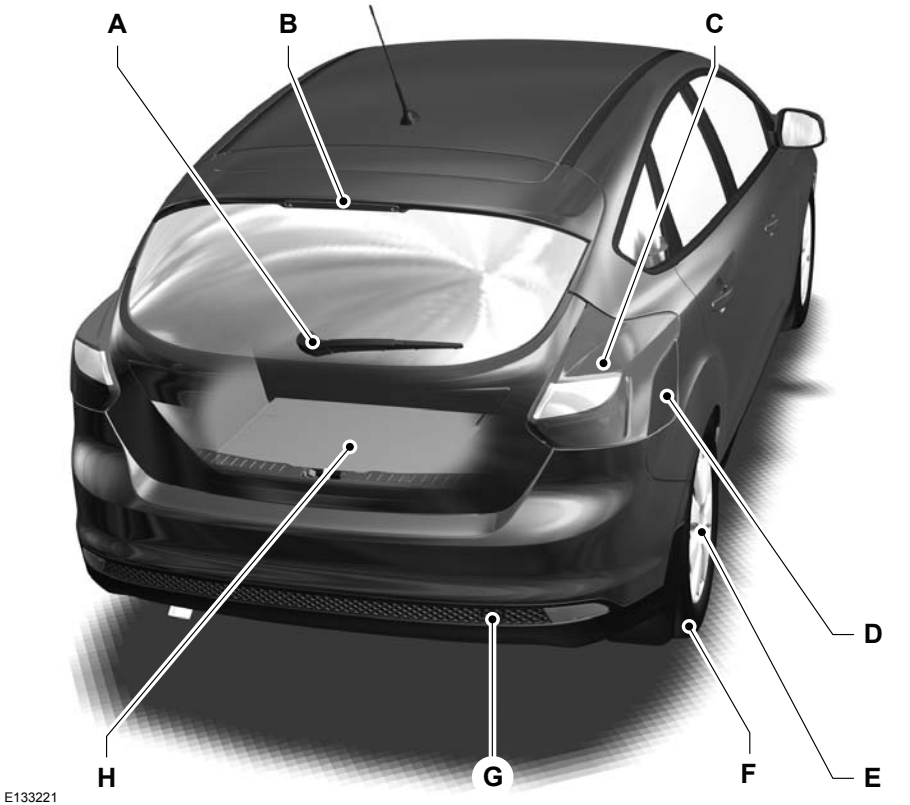
S Steering wheel adjustment. See **Adjusting the Steering Wheel** (page 39).

T Horn.

U Cruise control switches. See **Using Cruise Control** (page 136). Adaptive cruise control (ACC) switches. See **Using Adaptive Cruise Control** (page 140). Speed limiter switches. See **Using the speed limiter** (page 143).

V Lighting control. See **Lighting Control** (page 46). Front fog lamps. See **Front Fog Lamps** (page 49). Rear fog lamp. See **Rear Fog Lamps** (page 49) Instrument lighting dimmer. See **Instrument Lighting Dimmer** (page 107).

Rear exterior overview



A See **Changing the Wiper Blades** (page 44).
B See **Changing a Bulb** (page 53).
C See **Changing a Bulb** (page 53).
D See **Fuel filler flap** (page 117).
E See **Changing a Road Wheel** (page 174).
F Tyre pressures. See **Technical Specifications** (page 180).

G See **Towing Points** (page 158).

H See **First Aid Kit** (page 148). See **Warning Triangle** (page 148). Spare wheel. See **Changing a Road Wheel** (page 174). Jack. See **Changing a Road Wheel** (page 174). Wheel brace. See **Changing a Road Wheel** (page 174). Towing eye. See **Towing Points** (page 158). Fuel funnel. See **Fuel filler flap** (page 117).

CHILD SEATS



E133140



E68916

WARNINGS

Secure children that are less than 150 centimetres (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 air bag 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 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 air bag 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 seat belt, make sure that the seat 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 103).

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 seat belt without slack remaining, adjust the seatback to the fully upright position and raise the height of the seat. See* ***Seats*** *(page 102).*

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.

UF[1] 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[1]	A, B, B1, C, D[1]
	Seat type	IL[2]	IL, IUF[3]

Seating positions		Mass group categories	
		0+	1
		Rear facing	Forward facing
		Up to 13 kg (29 lbs)	9 - 18 kg (20 - 40 lbs)
Rear centre 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.

[1]The 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.

[2]At 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.

[3]At 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.

BOOSTER SEATS

WARNINGS

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

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

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

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

Make sure that your children sit in an upright position.

Secure children that weigh more than 15 kilograms (33 pounds) but are less than 150 centimetres (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 103).

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 seat belt over the centre of your child's shoulder and the lap strap tightly across its hips.

Booster cushion (Group 3)



E68924

ISOFIX ANCHOR POINTS

WARNING

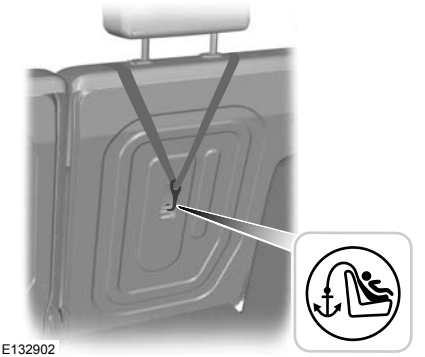
Use an anti-rotation device when using the ISOFIX system. We recommend the use of a top tether or support leg.

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 17).*

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

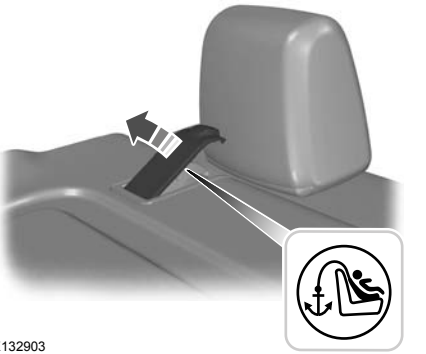
The ISOFIX system comprises of two rigid attachment arms on the child restraint that attach to anchor points on the rear seats, where the cushion and backrest meet. Tether anchor points may also be fitted.

Top tether anchor points - 5-door and estate



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 146).*

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.



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 33).*



E78298

Left-hand side

Turn anti-clockwise to lock and clockwise to unlock.

Right-hand side

Turn clockwise to lock and anti-clockwise to unlock.

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 seat belt and keep sufficient distance between yourself and the steering wheel. Only when you use the seat belt properly, can it hold you in a position that allows the airbag to achieve its optimum effect. See **Sitting in the Correct Position** (page 102).

Have repairs to the steering wheel, steering column, seats, airbags and seat 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.

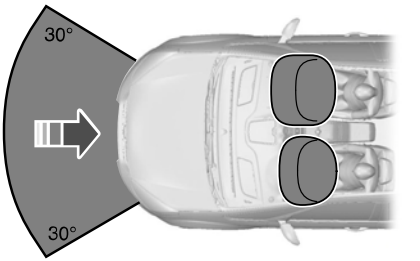
Do not poke sharp objects into areas where airbags are fitted. This could damage and adversely affect deployment of the airbags.

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

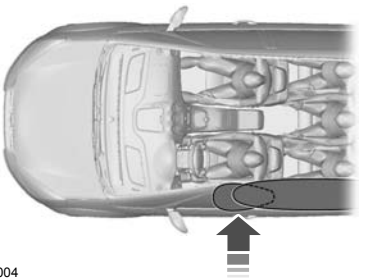


E72658

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

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.

Seat belts

WARNINGS

Wear a seat belt and keep sufficient distance between yourself and the steering wheel. Only when you use the seat belt properly, can it hold you in a position to achieve its optimum effect. See **Sitting in the Correct Position** (page 102).

Never use a seat belt for more than one person.

Use the correct buckle for each seat belt.

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

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

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

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

Status after a collision

WARNING

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

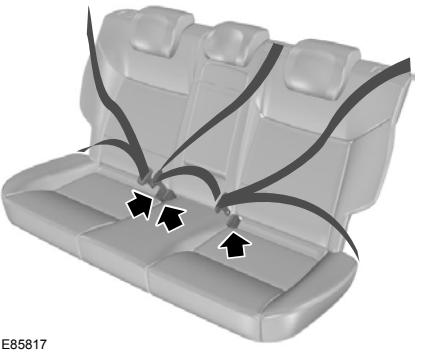
FASTENING THE SEAT BELTS

WARNING

Insert the tongue into the buckle until you hear a distinct click. You have not fastened the seat 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.

SEAT 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.

SEAT BELT REMINDER

WARNING

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

The seat belt reminder warning lamp illuminates and an audible warning will sound if the driver's or front seat passenger's seat 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 seat belt is unfastened when the vehicle is moving. The audible warning will go off after five minutes but the seat belt reminder warning lamp will remain on until the driver's or front seat passenger's seat belt is fastened.

Deactivating the seat belt reminder

See your dealer.

SEAT BELT REMINDER

WARNING

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Rear seat belt reminder

WARNING

If multiple belts are unfastened within a few seconds of each other, only one audible chime will sound.

Note: *Press the **OK** button on the steering wheel control to confirm the message.*

A visual reminder of the seat belt status will be shown on the instrument display once the engine is started, and once again if any are unfastened when the vehicle is moving.

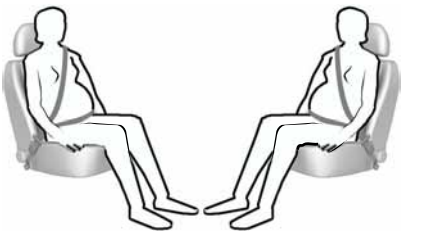
Fastened seat belts are indicated by a tick symbol.

If a belt is unfastened when the vehicle is moving, the seat belt status screen will be displayed and the relevant seats will be highlighted by an exclamation mark. An audible chime will also sound.

Deactivating the seat belt reminder

See your dealer.

USING SEAT BELTS DURING PREGNANCY



E68587

WARNING

Position the seat 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

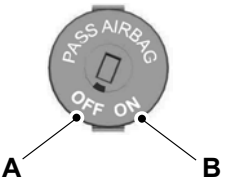
WARNING

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 71). Remove the child restraint and have the system checked immediately.

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**.

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 programme 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.*

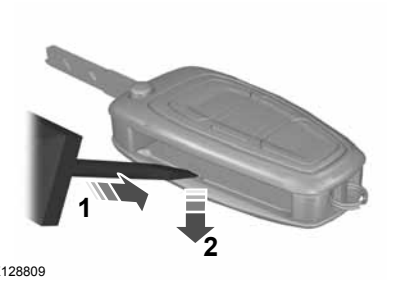
Press and hold the unlock and lock buttons on the remote key simultaneously for at least four seconds with the ignition off. The direction indicators will flash twice to confirm the change.

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

CHANGING THE REMOTE CONTROL BATTERY

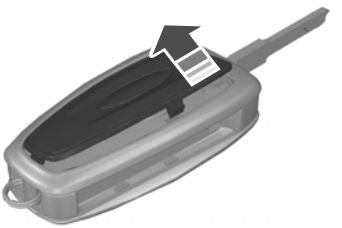
Make sure that you dispose of old batteries in an environmentally friendly way. Seek advice from your local authority regarding recycling.

Remote control with a folding key blade



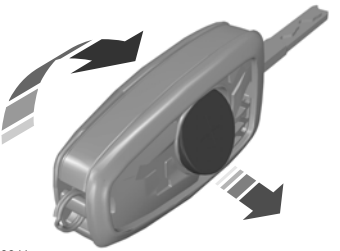
E128809

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



E128810

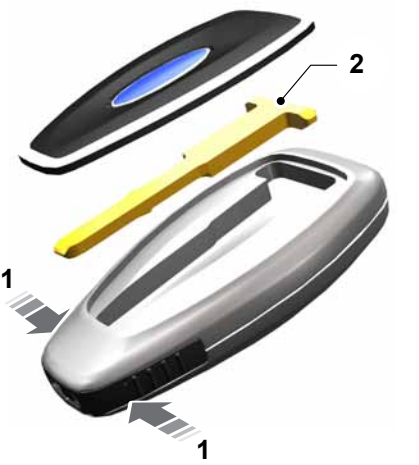
3. Carefully remove the cover.



E128811

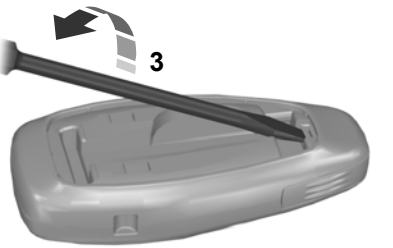
4. Turn the remote control over to remove the battery.
5. Install a new battery (3V CR 2032) with the + facing upwards.
6. Replace the battery cover.

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.



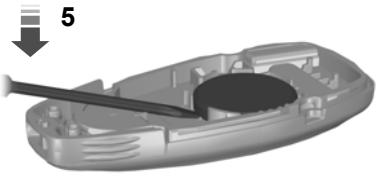
E105362

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



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.

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 28).).

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 10).

Luggage compartment lid

Opening the luggage compartment lid with the remote control

Press the button twice within three seconds.

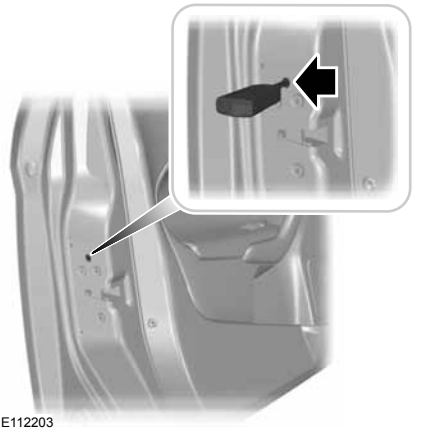
Closing the luggage compartment lid



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 anti-clockwise 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.

KEYLESS ENTRY

General information

WARNING

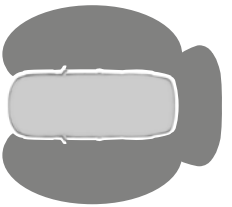
The keyless entry system may not function if the key is close to metal objects or electronic devices such as mobile phones.

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 metres 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.

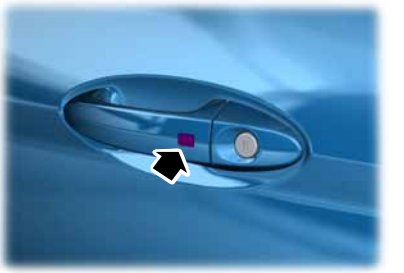
Locking the vehicle

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.*



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.

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

Note: *Once activated, the vehicle will remain locked for approximately three 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.*

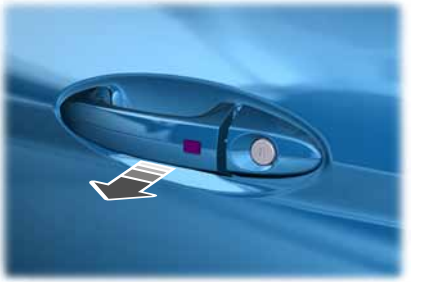
Note: *If a second valid passive key is located within the rear exterior detection range, the luggage compartment lid can be closed.*

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 28).), 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 10). 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.

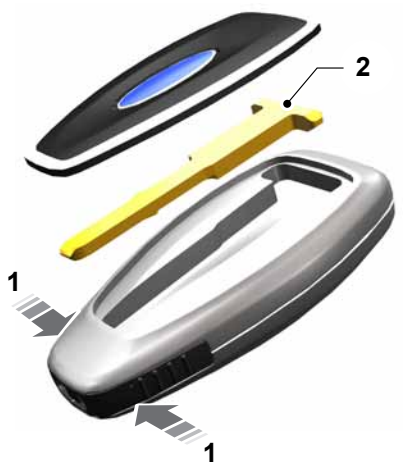
A disabled key cannot be used to turn the ignition on or start the engine.

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

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.*

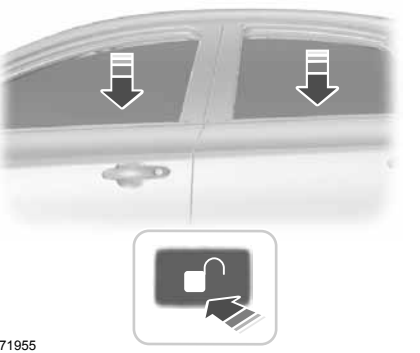
GLOBAL OPENING AND CLOSING

You can also operate the electric 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 63).*

Global opening



E71955

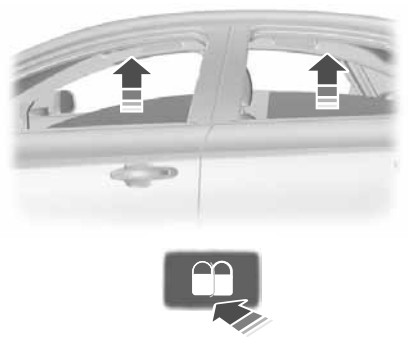
To open all the windows, press and hold the remote control **unlock** button for at least three seconds. Press the lock or unlock button to stop the opening function.

Global closing

Vehicles without keyless entry

WARNING

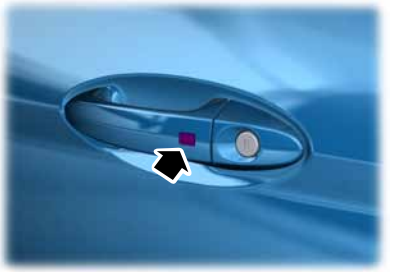
Take care when using global closing. In an emergency, press the lock or unlock button immediately to stop.



E71956

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.

PRINCIPLE OF OPERATION

The engine immobiliser 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 recognising 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.*

Note: *The cost of the additional keys have to be borne by the owner.*

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 IMMOBILISER

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

DISARMING THE ENGINE IMMOBILISER

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

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 unauthorised access to your vehicle through the doors and the bonnet. 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 bonnet 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 83).

ARMING THE ALARM

To arm the alarm, lock the vehicle. See **Locks** (page 31).

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 33).*

Perimeter alarm

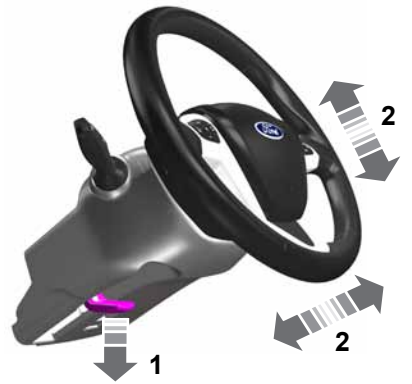
Disarm and silence the alarm by unlocking the doors and switching the ignition on, or unlocking the doors or the luggage compartment lid with the remote control.

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 102).*



E95178



E95179

WARNING

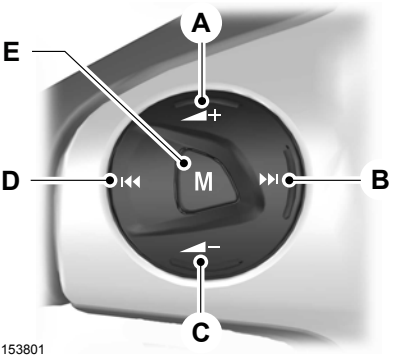
Make sure that you fully engage the locking lever when returning it to its original position.

AUDIO CONTROL

Select the required source on the audio unit.

The following functions can be operated with the remote control:

Type 1

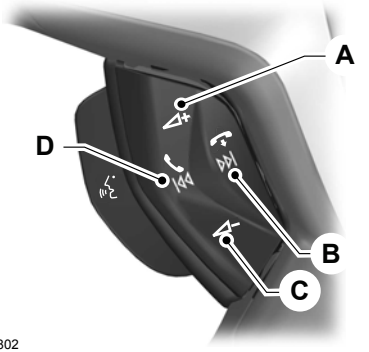


E153801

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.

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.

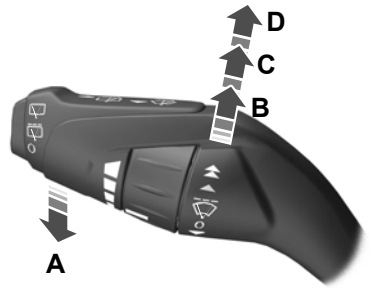
VOICE CONTROL



E153806

Pull the button to select or deselect voice control.

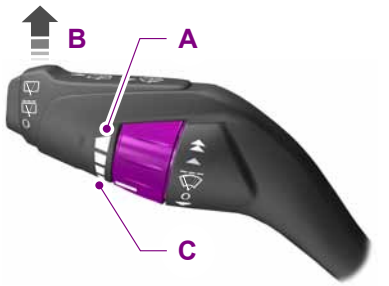
WINDSCREEN WIPERS



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 screen 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

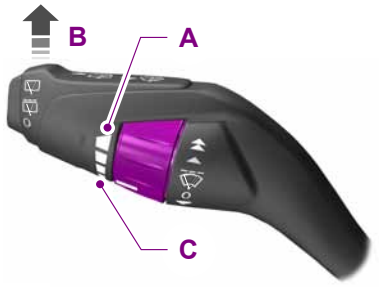
Do not switch autowipers on in dry weather conditions. The rain sensor is very sensitive and the wipers may operate if dirt, mist or flies hit the windscreen.

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 windscreen and the wipers will operate, even though the majority of the windscreen is dry.

Fully defrost the windscreen 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, dipped headlamps will illuminate automatically when the rain sensor activates the windscreen wipers continuously.*



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 windscreen. The rain sensor will then continuously measure the amount of water on the windscreen 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 windscreen. With high sensitivity, the wipers will operate if the sensor detects a small amount of water on the windscreen.

WINDSCREEN WASHERS



E153812

WARNING

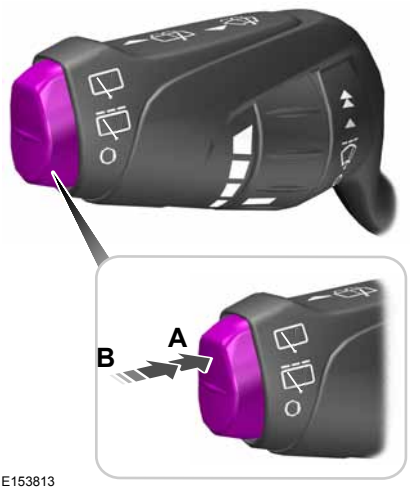
Do not operate the washer for more than 10 seconds at a time, and never when the reservoir is empty.

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.

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

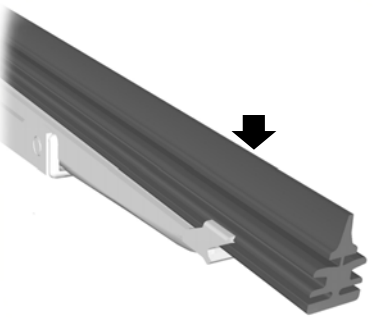
WARNING

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.

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

Windscreen wiper blades

CAUTIONS

Set the windscreen 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 windscreen wipers will return to their normal position as soon as you switch on the ignition so make sure that the outside of the windscreen is free from snow and ice before you switch on the ignition.

Service position



E75184

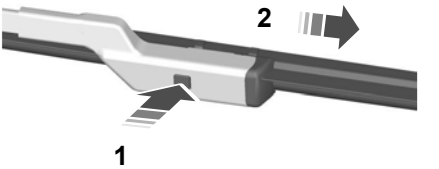


E153815

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

Changing the windscreen wiper blades

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



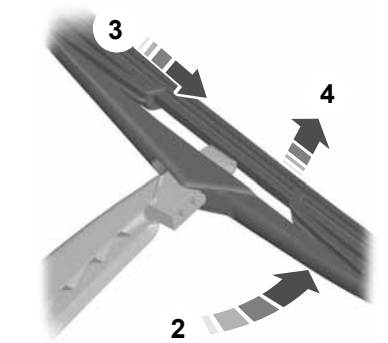
E72899

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

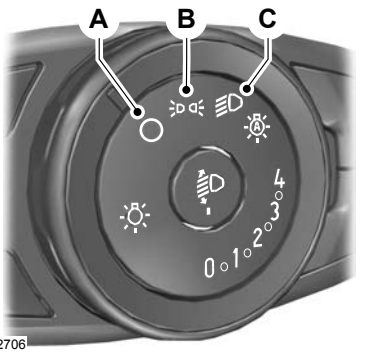
2. Position the wiper blade at right angles to the wiper arm.
3. Disengage the wiper blade from the wiper arm.
4. Remove the wiper blade.

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

5. Install in the reverse order.

LIGHTING CONTROL

Lighting control positions



E132706

A Off
B Side and tail lamps
C Headlamps

Parking lamps

WARNING

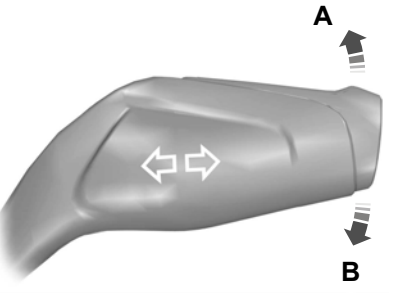
Prolonged use of the parking lamps will discharge the battery.

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

Main and dipped beam



E153817

Push the lever forward to switch between main and dipped 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 cancelled 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 main beam on when autolamps has switched the headlamps on.*

Note: *If autolamps have been switched on in conjunction with autowipers, dipped headlamps will illuminate automatically when the rain sensor activates the windscreen 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 75).

AUTOMATIC MAIN 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 dipped beam.

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

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

CAUTIONS

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.

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 windscreen of the vehicle, and monitors conditions continuously to decide when to switch the main beam off and on.

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

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

The main beam will switch off if:

- The ambient light is high enough that main 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 75). See **Autolamps** (page 47).



E132707

Turn the switch to the autolamps position.

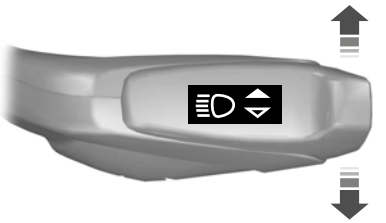
Note: *The system may take a short time to initialise after first switching the ignition on, especially in very dark conditions. The main beam will not automatically switch on during this period.*

Setting the system sensitivity

The system has three sensitivity levels which can be accessed via the information display. See **Information Displays** (page 75).

The sensitivity determines the speed at which the main 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 main and dipped beam.

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

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.



E132709

REAR FOG LAMPS

WARNINGS

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

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



E132710

ADJUSTING THE HEADLAMPS - VEHICLES WITH: ADAPTIVE FRONT LIGHTING/XENON HEADLAMPS

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

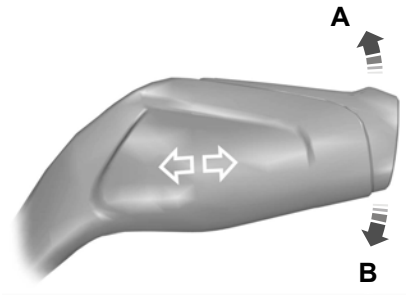
HAZARD WARNING FLASHERS



For item location: See **At a Glance** (page 10).

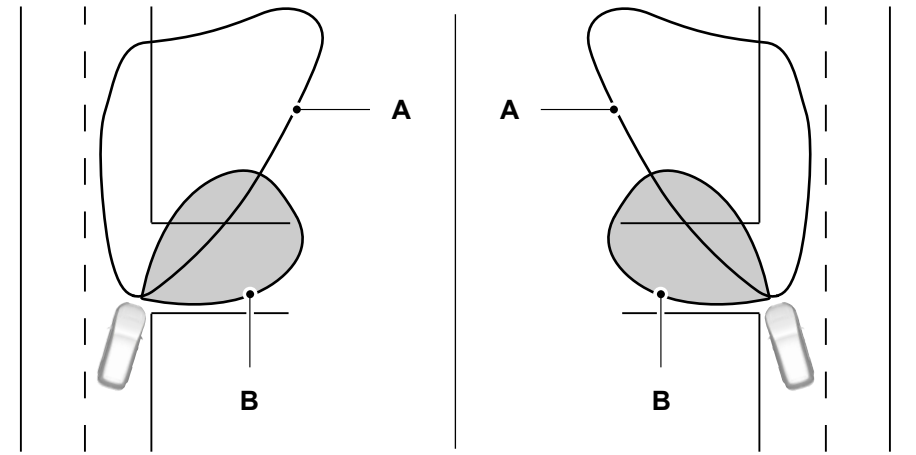
DIRECTION INDICATORS

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

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

INTERIOR LAMPS

Interior lighting

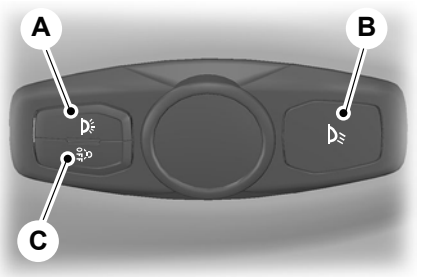
Note: *Individual lamps may be switched on independently, but not off if all lamps have been switched on by the driver.*

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



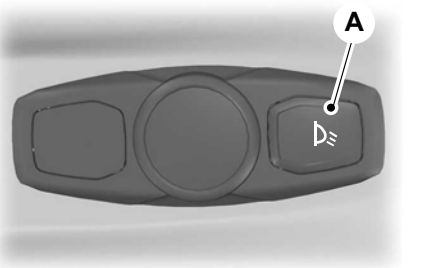
E142360

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

Centre mounted lamp

Type 1



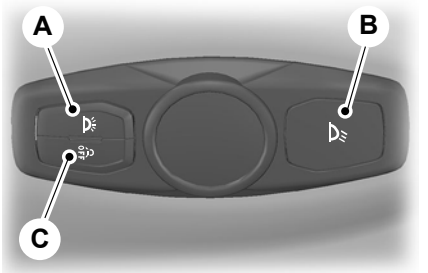
E142361

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**.

Type 2



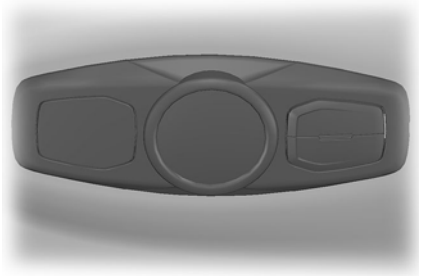
E142360

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 colour and can be switched on and off using the information display menu. See **General Information** (page 75).

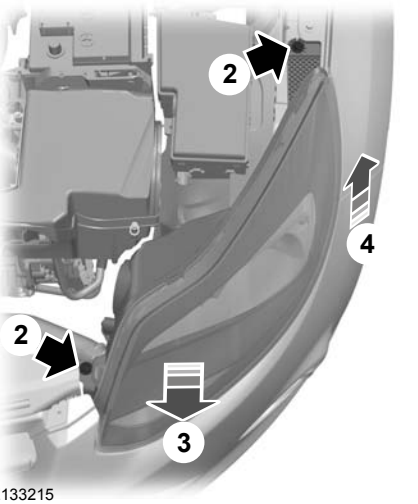
Use the instrument lighting dimmer switches to adjust to the desired brightness. See **Instrument Lighting Dimmer** (page 107).

REMOVING A HEADLAMP

WARNING

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

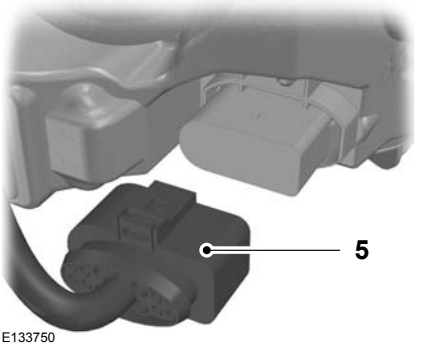
1. Open the bonnet. See **Opening and Closing the Bonnet** (page 160).



E133215

2. Remove the screws.

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 moulding 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

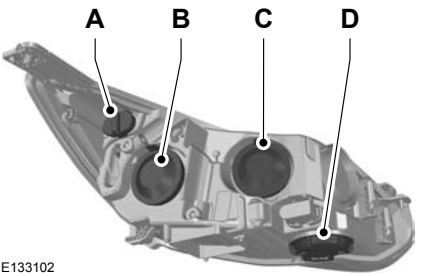
Do not touch the glass of the bulb.

Only fit bulbs of the correct specification. See **Bulb Specification Chart** (page 61).

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.*

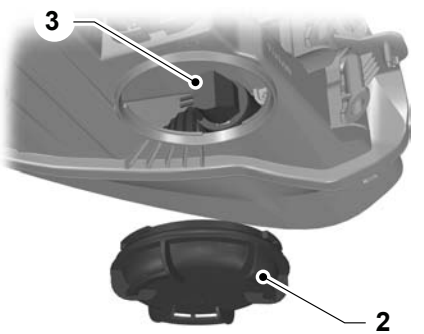


E133102

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 52).



E133104

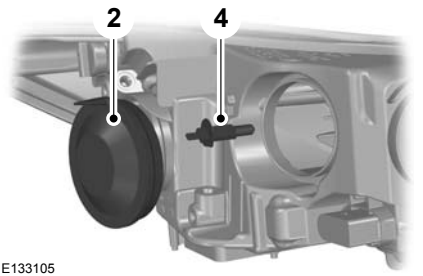
2. Remove the cover.
3. Turn the bulb holder anti-clockwise and remove it.
4. Gently press the bulb into the bulb holder, turn it anti-clockwise and remove it.

Headlamp main beam

CAUTION

Do not touch the glass of the bulb.

1. Remove the headlamp. See **Removing a Headlamp** (page 52).



E133105

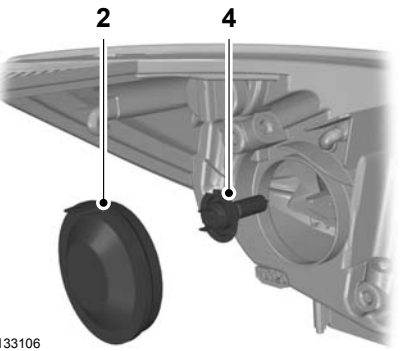
2. Remove the cover.
3. Disconnect the electrical connector.
4. Release the clip and remove the bulb.

Headlamp dipped beam

CAUTION

Do not touch the glass of the bulb.

1. Remove the headlamp. See **Removing a Headlamp** (page 52).

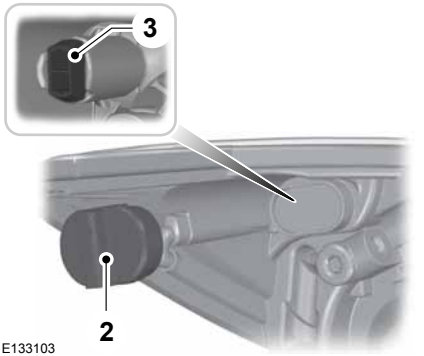


E133106

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

Side Lamp

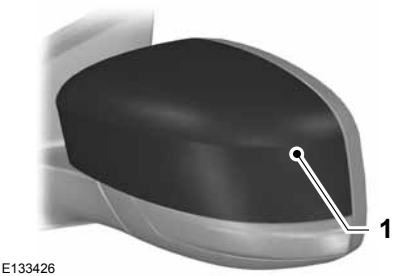
1. Remove the headlamp. See **Removing a Headlamp** (page 52).



E133103

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

Side repeater



E133426

1. Carefully remove the cover.



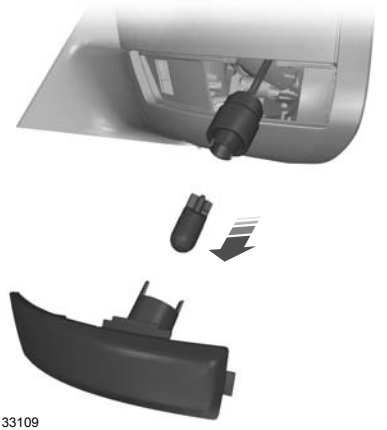
E133427

2. Using a suitable implement release the retaining clip.



E133108

3. Carefully remove the side repeater.



E133109

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

Approach lamp

CAUTION

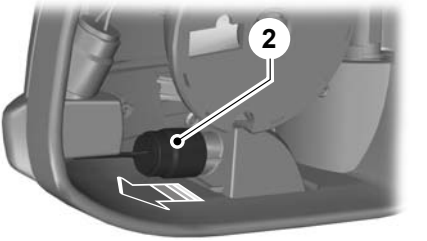
When removing the mirror glass, take care not to break it.

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.

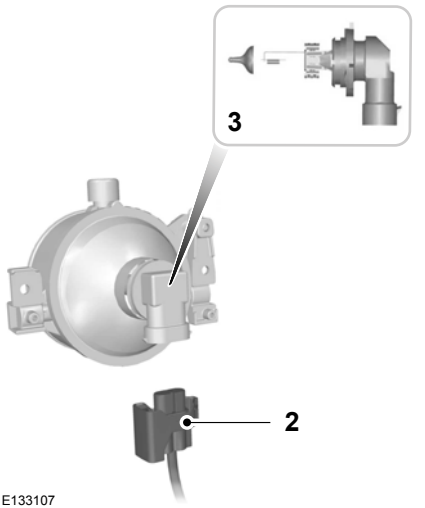


E133718

3. Remove the bulb.

Front fog lamps

1. Remove the headlamp. See **Removing a Headlamp** (page 52).



E133107

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

2. Disconnect the electrical connector.
3. Turn the bulb holder anti-clockwise and remove it.

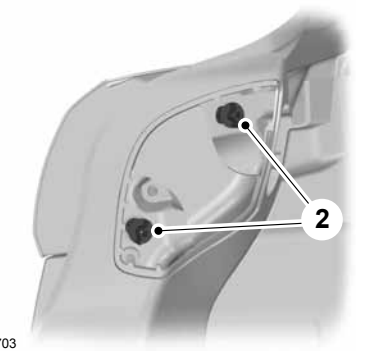
Rear lamps - 4 door

Direction indicator, brake and tail lamp



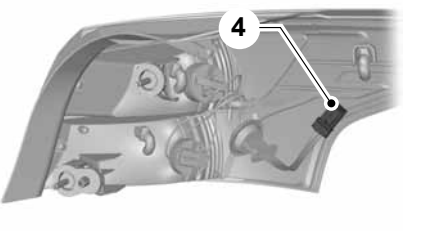
E133702

1. Remove the trim panel.



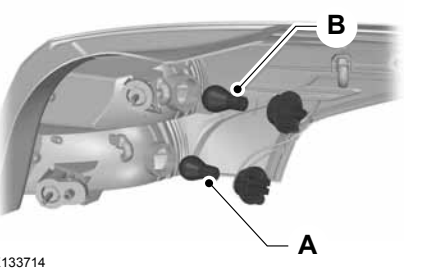
E133703

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



E133713

4. Disconnect the electrical connector.



E133714

5. Remove the bulb holder.

6. Gently press the bulb into the bulb holder, turn it anti-clockwise and remove it.

A. Brake and tail lamp
B. Direction indicator

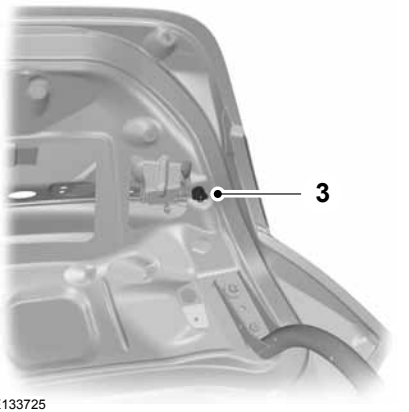
Fog and reversing lamp

1. Open the luggage compartment lid.



E133724

2. Remove the luggage compartment lid trim.



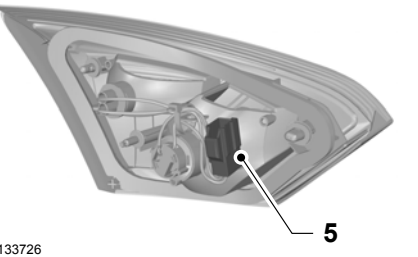
E133725

CAUTION

Unclip the outboard side first.

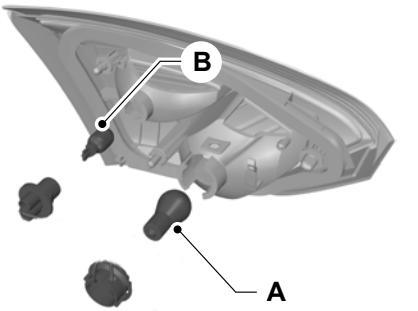
3. Remove the wing nut.

4. Remove the lamp.



E133726

5. Disconnect the electrical connector.



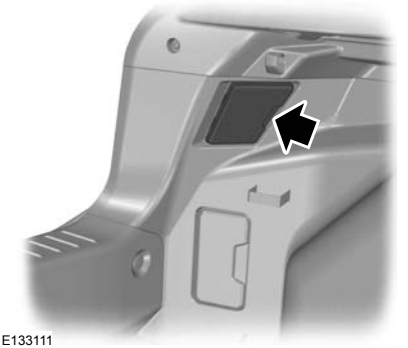
E133727

6. Remove the bulb holder.
7. Gently press the bulb into the bulb holder, turn it anti-clockwise and remove it.

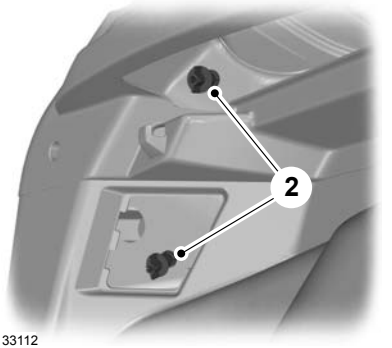
A. Fog lamp
B. Reversing lamp

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.*

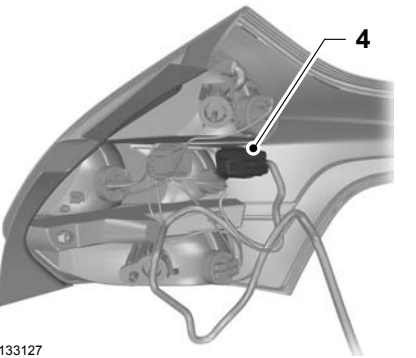

E133111

1. Remove the trim panel.



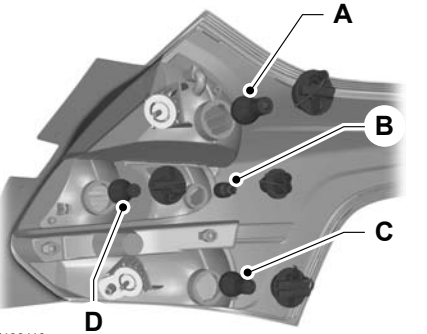
E133112

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 anti-clockwise 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.*

Number plate lamp

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

Interior lamps

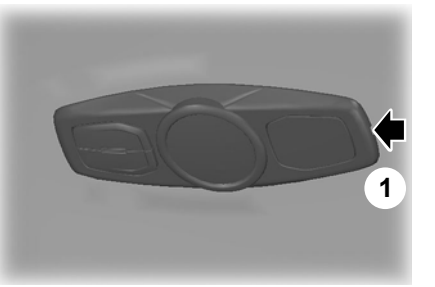
Vehicles with LED lamps

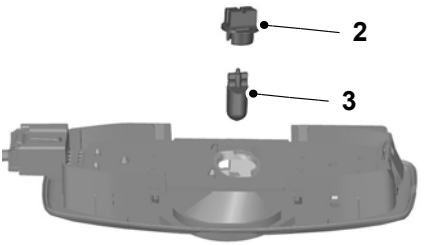
Note: *The LED board is not a serviceable item, please consult your dealer if this fails.*



E125092

Vehicles with halogen lamps

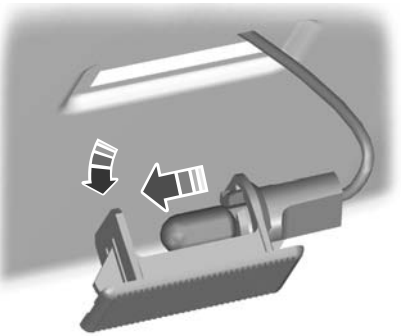




E145746

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

Luggage compartment lamp, footwell lamp and tailgate lamp



E72784

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

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

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

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

POWER WINDOWS

WARNING

Do not operate the electric 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.*

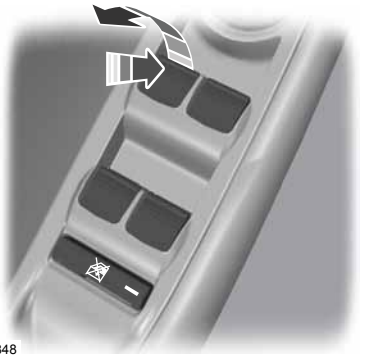
Switch on the ignition to operate the electric windows.

Global opening and closing

You can also operate the electric windows with the ignition off via the global opening and closing function. See **Locks** (page 31).

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 22).

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



E70850

A switch in the driver's door disables the rear electric 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.

The electric 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 electric 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

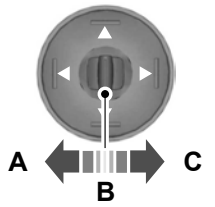
Folding

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.

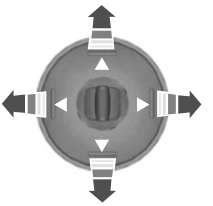
ELECTRIC EXTERIOR MIRRORS



E70846

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

Mirror tilting positions


E70847

The electric exterior mirrors are fitted with a heating element that will defrost or demist the mirror glass. See **Heated Windows and Mirrors** (page 99).

Electric 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 electric 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.*

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 MONITOR

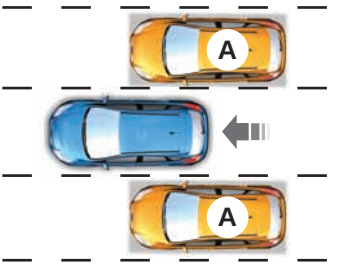
Blind spot information system (BLIS)

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 blindspot 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.

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.

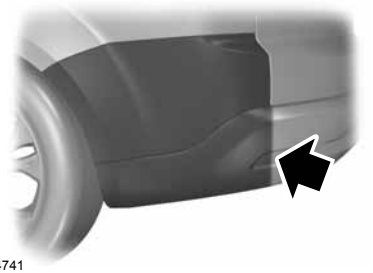
Note: *Vehicles that pass through the blind zone quickly (typically less than 2 seconds) will not trigger the alert.*

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.
- Motorway 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 75).

When you turn the system off no further alerts will be received. The BLIS warning indicator will illuminate. See **Warning Lamps and Indicators** (page 71).

Detection errors

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

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

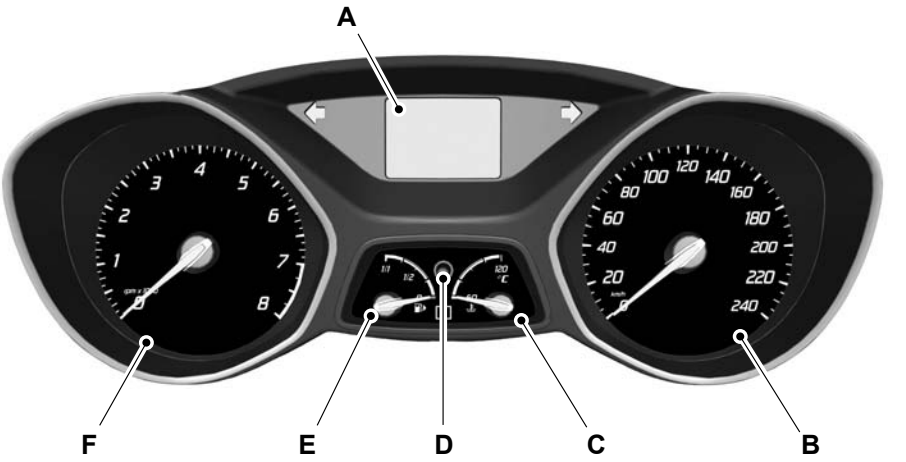
CAUTION

Vehicles fitted with a trailer tow module not approved by Ford may not correctly be detected. Switch the system off to avoid false alerts. See **Information Displays** (page 75).

If the vehicle is fitted with a trailer tow module approved by Ford, the system will detect a connected trailer and deactivate. A confirmation message will be shown in the information display. See **Information Messages** (page 83). The BLIS warning indicator will illuminate. See **Warning Lamps and Indicators** (page 71).

GAUGES

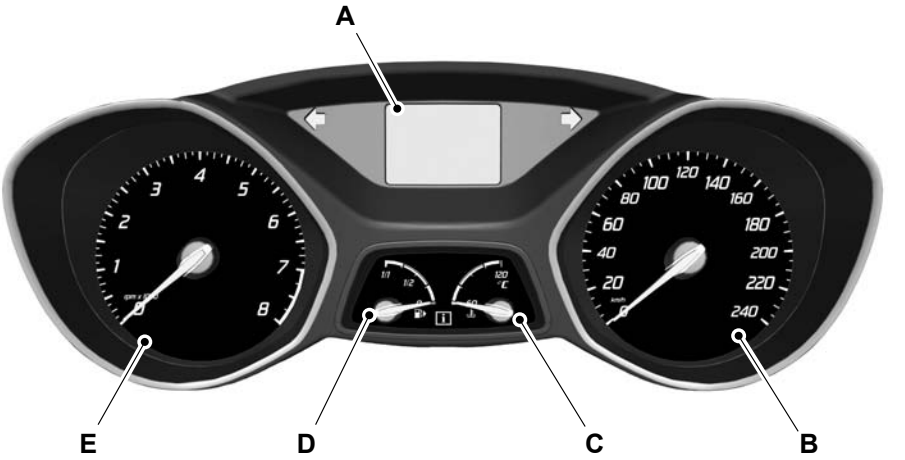
Type 1



E132065

A Information display. See **Information Displays** (page 75).
B Speedometer
C Engine coolant temperature gauge
D Tripmeter reset button See **Trip Computer** (page 82).
E Fuel gauge
F Tachometer

Type 2 and 3



E130149

A Information display. See **Information Displays** (page 75).
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 centre 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 166).

Fuel gauge

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

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 Monitor** (page 66). See **Information Messages** (page 83).

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.

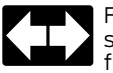
If it illuminates when you are driving, check that the parking brake is not engaged. If the parking brake is not engaged, this indicates a malfunction. Have the system checked by a properly trained technician immediately.

Cruise control indicator



It will illuminate when you have set a speed using the cruise control system. See **Using Cruise Control** (page 136).

Direction indicators



Flashes during operation. A sudden increase in the rate of flashing warns of a failed indicator bulb. See **Changing a Bulb** (page 53).

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.

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 111).

Headlamp indicator



It will illuminate when you switch the headlamp dipped 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.

Main 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 83).

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 166).

Rear fog lamp indicator



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

Seat belt reminder



See **Seat belt reminder** (page 25).

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 10).

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

A warning chime will sound in the following conditions:

- +4ºC (39ºF) or lower: frost warning.
- 0ºC (32ºF) 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.

Low fuel

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

Seat belt reminder

See **Seat belt reminder** (page 25).

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.

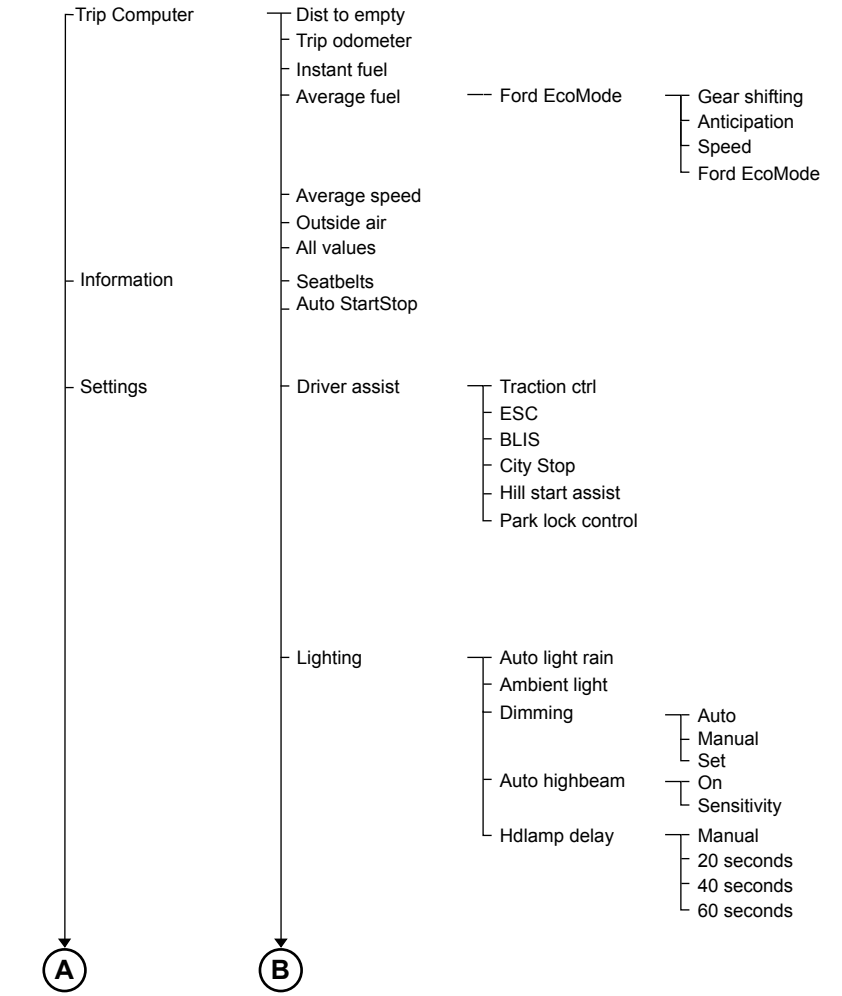
Hold the **left** arrow button pressed at any time to return to the main menu display (escape button).

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

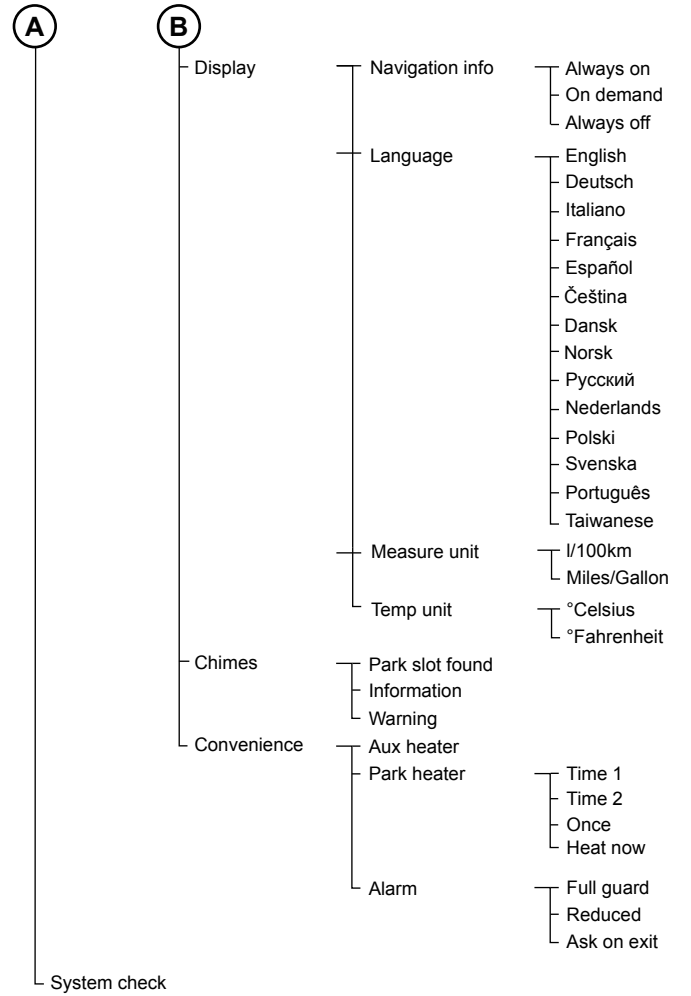
Menu structure - information display

All vehicles

You can access the menu using the Information display control. For item location: See **At a Glance** (page 10).


Trip Computer
Dist to empty
Trip odometer
Instant fuel
Average fuel
Ford EcoMode
Gear shifting
Anticipation
Speed
Ford EcoMode
Average speed
Outside air
All values
Information
Seatbelts
Auto StartStop
Settings
Driver assist
Traction ctrl
ESC
BLIS
City Stop
Hill start assist
Park lock control
Lighting
Auto light rain
Ambient light
Dimming
Auto
Manual
Set
Auto highbeam
On
Sensitivity
Hdlamp delay
Manual
20 seconds
40 seconds
60 seconds
A
B

E146438

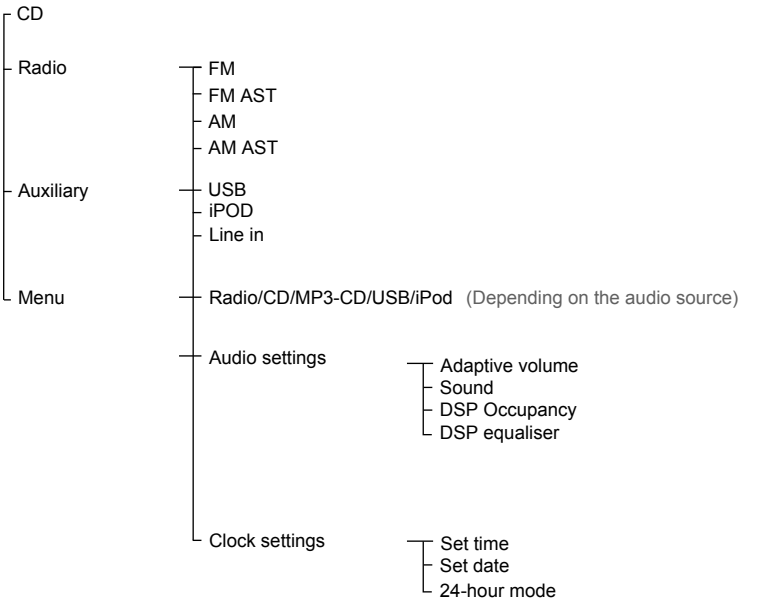

A
B
Display
Navigation info
Always on
On demand
Always off
Language
English
Deutsch
Italiano
Français
Español
Čeština
Dansk
Norsk
Русский
Nederlands
Polski
Svenska
Português
Taiwanese
Measure unit
l/100km
Miles/Gallon
Temp unit
°Celsius
°Fahrenheit
Chimes
Park slot found
Information
Warning
Convenience
Aux heater
Park heater
Time 1
Time 2
Once
Heat now
Alarm
Full guard
Reduced
Ask on exit
System check
E146439

Menu structure - Information and entertainment display

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

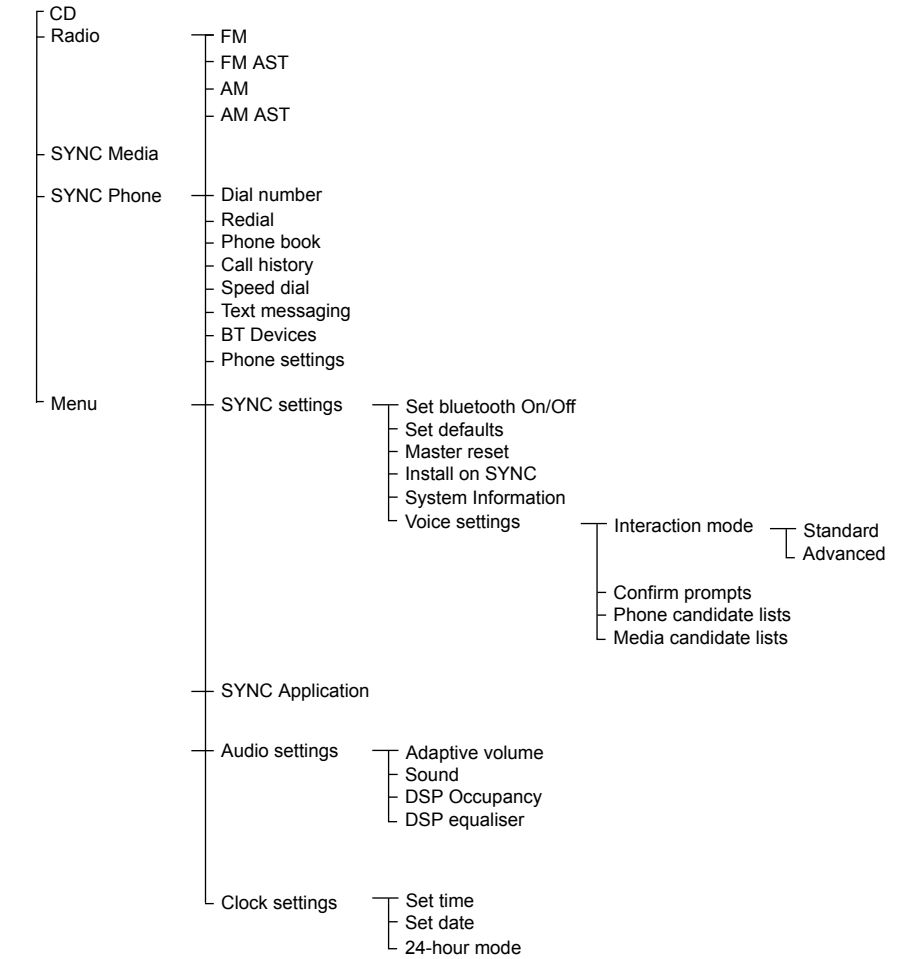
You can also access the menu using the information and entertainment display control. For item location: See **At a Glance** (page 10).

Type 1



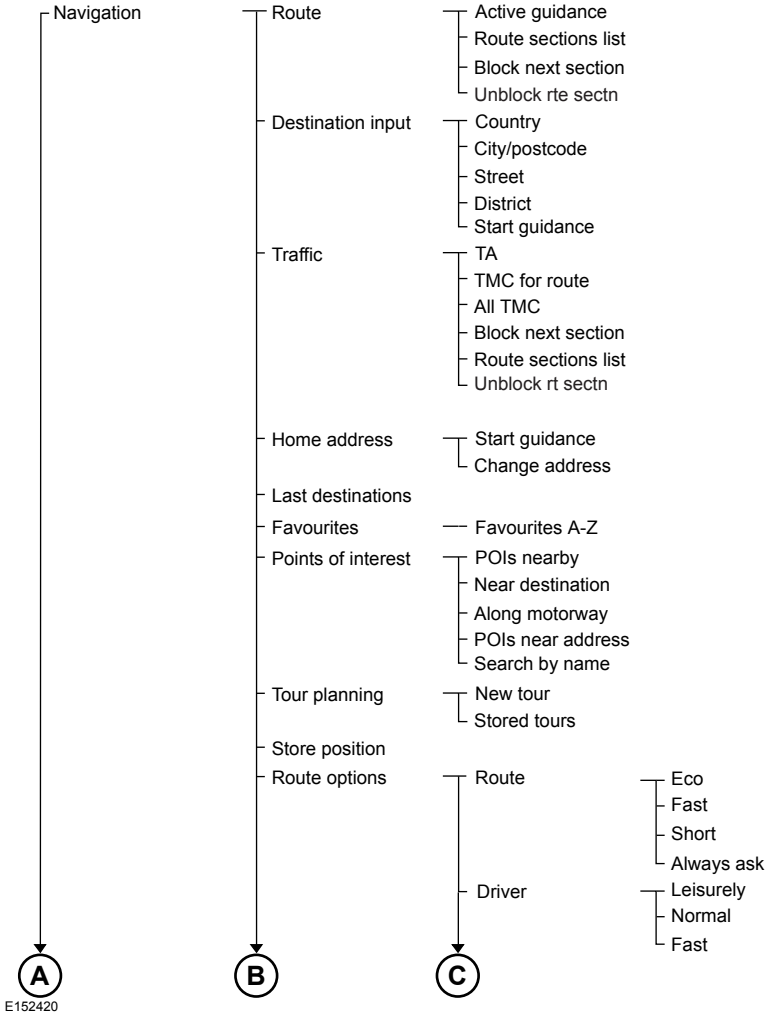
E146440

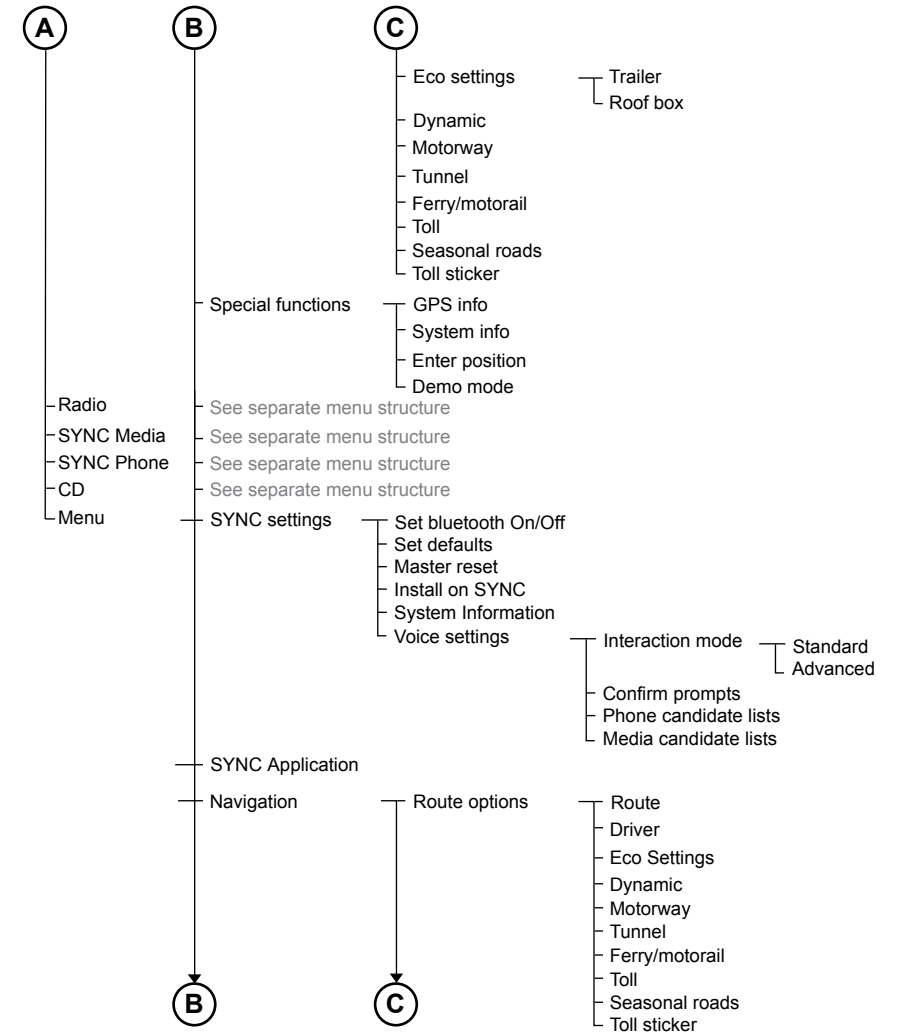
Type 2

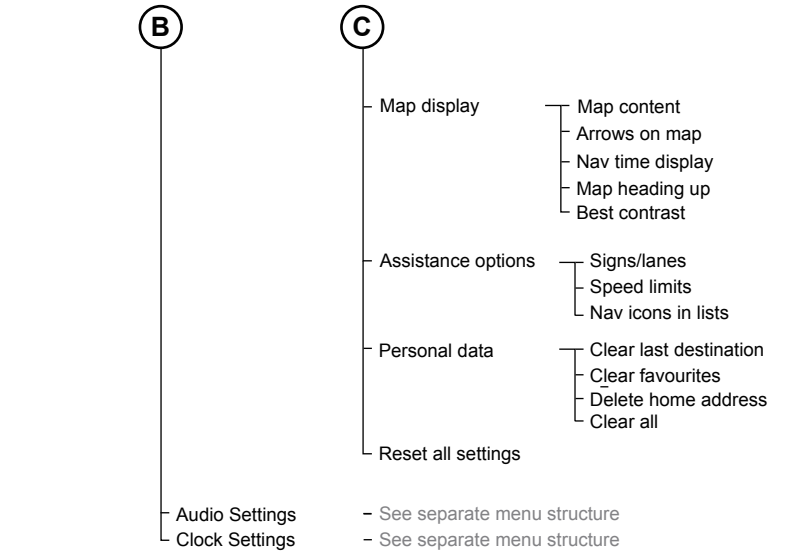


E152144

Type 3


Navigation
Route
Active guidance
Route sections list
Block next section
Unblock rte sectn
Destination input
Country
City/postcode
Street
District
Start guidance
Traffic
TA
TMC for route
All TMC
Block next section
Route sections list
Unblock rt sectn
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
Store position
Route options
Route
Eco
Fast
Short
Always ask
Driver
Leisurely
Normal
Fast
A
B
C
E152420


A
B
C
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
Radio
See separate menu structure
SYNC Media
See separate menu structure
SYNC Phone
See separate menu structure
CD
See separate menu structure
Menu
SYNC settings
Set bluetooth On/Off
Set defaults
Master reset
Install on SYNC
System Information
Voice settings
Interaction mode
Standard
Advanced
Confirm prompts
Phone candidate lists
Media candidate lists
SYNC Application
Navigation
Route options
Route
Driver
Eco Settings
Dynamic
Motorway
Tunnel
Ferry/motorail
Toll
Seasonal roads
Toll sticker
B
C
E152419



TRIP COMPUTER

Trip Odometer

Registers the mileage of individual journeys.

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.

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.

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.

PERSONALISED 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.

Active City Stop

Message	Indicator	Action
Active City Stop Sensor blocked Clean screen	amber	See **Using Active City Stop** (page 144).
Active City Stop not available	amber	See **Using Active City Stop** (page 144).
Active City Stop Auto braking	-	See **Using Active City Stop** (page 144).

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 38).
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 windscreen.
Front camera malfunction Service required	amber	The front camera sensor has malfunctioned. Have this checked as soon as possible.

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 Monitor** (page 66).
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 Monitor** (page 66).

Cruise control and Adaptive cruise control (ACC)

Message	Indicator	Action
Front radar sensor blocked check handbook	amber	See **Adaptive cruise control (ACC)** (page 138).
Forward Alert not available	amber	See **Adaptive cruise control (ACC)** (page 138).
ACC not available	amber	See **Adaptive cruise control (ACC)** (page 138).

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 Bonnet** (page 160).

Engine immobiliser

Message	Message indicator	Action
Immobiliser active check handbook	amber	Your key has not been recognised. 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.

Keyless entry

Message	Message indicator	Action
Ford KeyFree key not inside car	red	See **Keyless Entry** (page 33).
Ford KeyFree key inside vehicle	amber	See **Keyless Entry** (page 33).
Ford KeyFree Place key in key holder	-	See **Keyless Entry** (page 33).
Ford KeyFree no key detected	-	See **Keyless Entry** (page 33).
Key battery low replace soon	-	See **Changing the remote control battery** (page 28).
Steering lock engaged turn steering wheel	-	See **Steering Wheel Lock** (page 110).

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 53).
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 53).
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 53).

Message	Message indicator	Action
Dipped beam bulb fault	-	One or both of the headlamp dipped beam bulbs have blown. Check the headlamp dipped beam bulbs. See **Changing a Bulb** (page 53).
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 167).
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 167).
Engine oil change due	-	Have the system checked by a properly trained technician.

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 124).
Park brake applied	amber	See **Parking Brake** (page 124).

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.

Stability control (ESP)

Message	Indicator	Action
Traction control off	amber	See **General Information** (page 75).

Starting the engine

Message	Message indicator	Action
Ford KeyFree switch ignition off press POWER	red	See **Keyless Starting** (page 112).
Drive to clean exhaust filter check handbook	amber	See **Diesel Particulate Filter** (page 114).
Engine malfunction service now	amber	See **Diesel Particulate Filter** (page 114).
Press brake to start	-	See **Keyless Starting** (page 112).
Press clutch to start	-	See **Keyless Starting** (page 112).
Press brake and clutch to start	-	See **Keyless Starting** (page 112).
Cranking time exceeded	-	See **Starting and Stopping the Engine** (page 110).
Engine preheating	-	See **Starting a Diesel Engine** (page 111).
Cleaning exhaust filter	-	See **Diesel Particulate Filter** (page 114).
Filter cleaning complete	-	See **Diesel Particulate Filter** (page 114).

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 overheating 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.

Message	Message indicator	Action
Transmission not in Park select P	-	See **Automatic Transmission** (page 121). See **Starting and Stopping the Engine** (page 110).
To start press brake	-	See **Automatic Transmission** (page 121). See **Starting and Stopping the Engine** (page 110).
Press brake pedal	-	See **Automatic Transmission** (page 121).

PRINCIPLE OF OPERATION

Outside air

Keep the air intakes forward of the windscreen 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 windscreen.

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

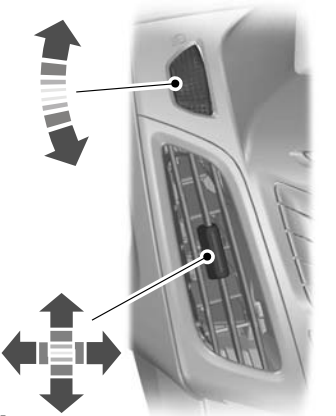
Direct the air towards your feet. In cold or humid weather conditions, direct some of the air towards the windscreen and the door windows.

Cooling the interior

Direct the air towards your face.

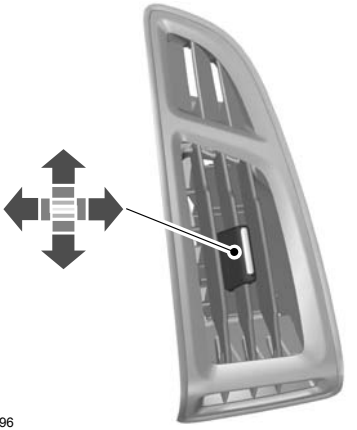
AIR VENTS

Centre air vents



E132995

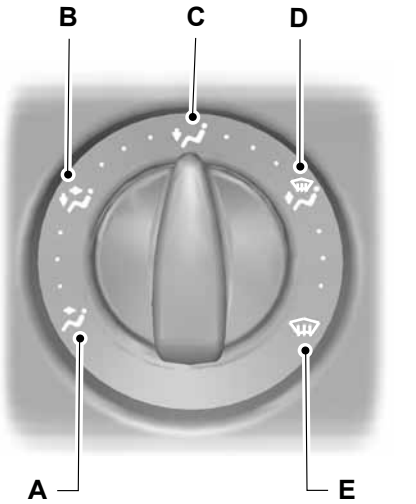
Side air vent



E132996

MANUAL CLIMATE CONTROL

Air distribution control

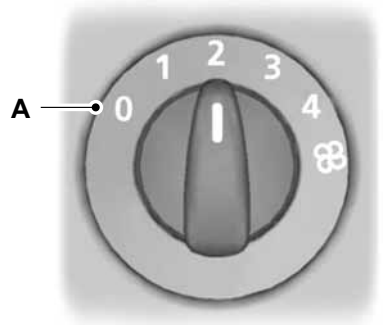


E74660

A	Face level
B	Face level and footwell
C	Footwell
D	Footwell and windscreen
E	Windscreen

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

Blower



E75470

A Off

Note: *If you switch the blower off, the windscreen 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

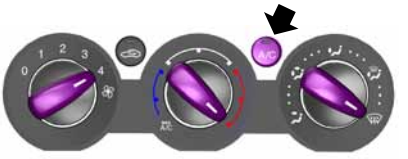


E129887

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 windscreen



E129888

When the temperature is above 4ºC (39ºF), 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 windscreen, 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 windscreen

If necessary, switch the heated windows on. See **Heated Windows and Mirrors** (page 99).

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.

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 centre 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 windscreen and the side windows as long as the engine is cold.*

Setting the temperature



E133115

You can set the temperature between 15.5ºC (60ºF) and 29.5ºC (85ºF) in steps of 0.5ºC (1ºF). In position **LO**, 15ºC (59ºF), the system will switch to permanent cooling. In position **HI**, 30ºC (86ºF), 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 4ºC (8ºF).

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

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



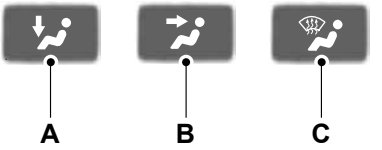
Use the buttons to adjust the blower speed.

The blower setting is indicated in the display.

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

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 Windscreen

When you select windscreen 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

Windscreen defrosting and demisting



Press the windscreen 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 windscreen 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 maximise 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.

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 windscreen or rear window.

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

Heated windscreen



Heated rear window



Vehicles without auxiliary heater

If the ambient temperature is below 5ºC (41ºF) and the engine coolant is below 65ºC (149ºF), the heated windscreen 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.

ELECTRIC SUNROOF

WARNING

Before operating the electric sunroof you should verify it is free of obstructions and ensure that children and/or pets are not in the proximity of the sunroof 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.*

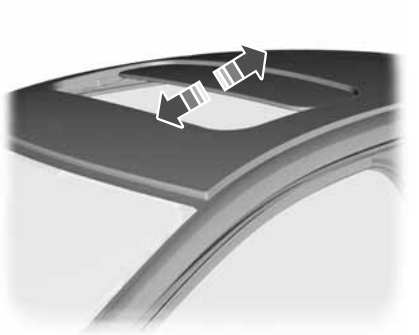
Note: *The electric sunroof can also be operated with the ignition off via the global opening and global closing function.* *See **Global Opening and Closing** (page 35).*

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

Switch on the ignition to operate the electric sunroof.

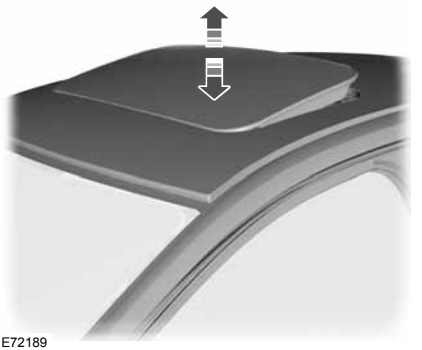
The power sunroof is operated by a switch located between the sun visors.

Opening and closing the sunroof



E72188

Tilting the sunroof



E72189

Opening and closing the sunroof automatically

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

To open or close the sunroof 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 sunroof stops automatically.

Sunroof 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 electric sunroof can override the anti-trap protection and cause injuries.

The sunroof 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 sunroof 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 sunroof.

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

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

Sunroof 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 sunroof.

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

Sunroof relearning

WARNING

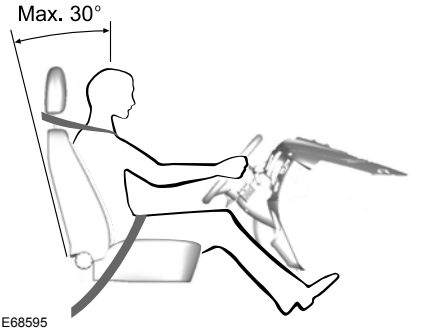
The anti-trap function is not active during this procedure. Make sure that there are no obstacles in the way of the closing sunroof.

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

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

SITTING IN THE CORRECT POSITION



E68595

WARNINGS

Do not adjust the seats when the vehicle is moving.

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

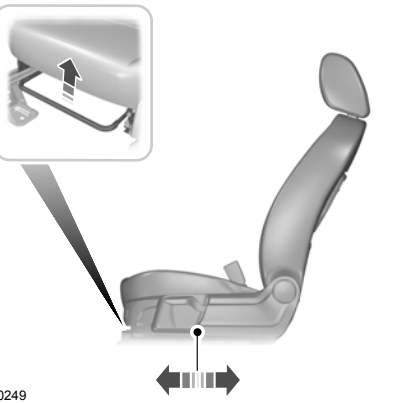
When you use them properly, the seat, head restraint, seat belt and airbags will provide optimum protection in the event of a collision. We recommend that you:

- 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 millimetres (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 seat belt over the centre 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

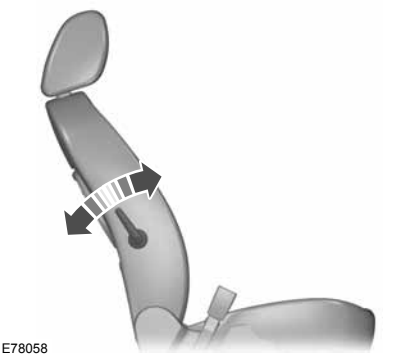
Moving the seats backwards and forwards


E130249

WARNING

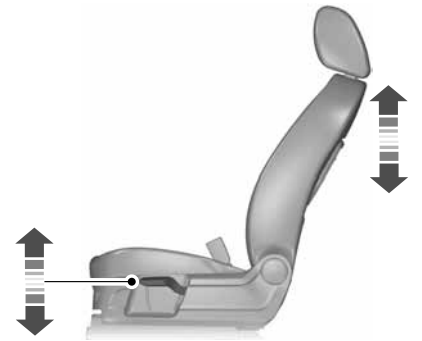
Rock the seat backwards and forwards after releasing the lever to make sure that it is fully engaged in its catch.

Adjusting the lumbar support



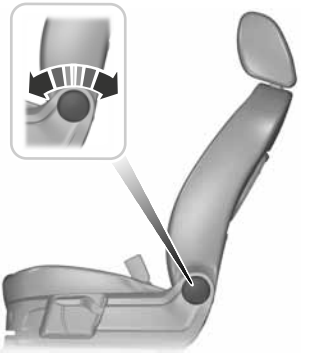
E78058

Adjusting the height of the driver's seat



E70730

Adjusting the angle of the seatback



E130250

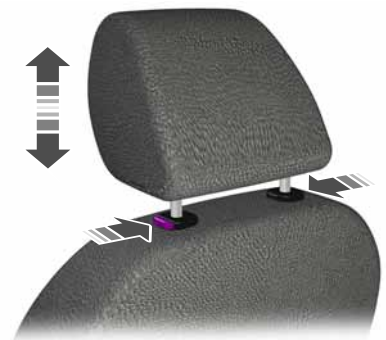
HEAD RESTRAINTS

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.



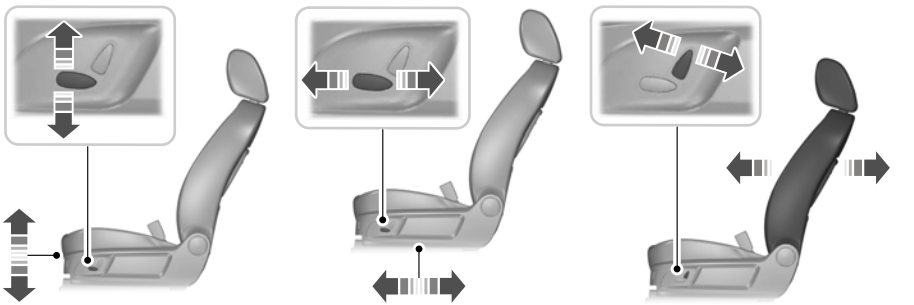
E66539

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.

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

Folding the rear seatbacks forwards

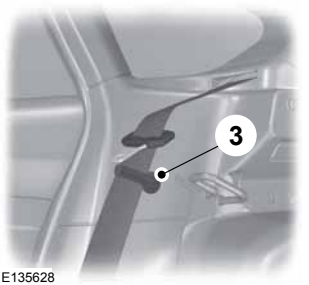
WARNING

Lower the head restraints. See **Head Restraints** (page 103).



E135629

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



E135628

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

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

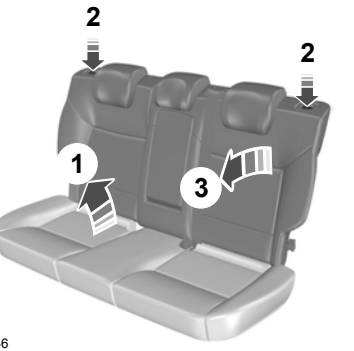
Folding the seat cushions and the rear seatbacks forwards

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 103).

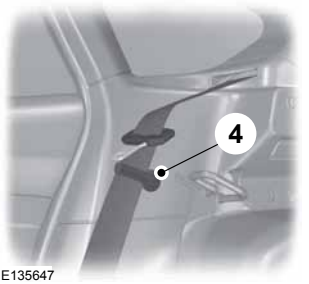
When inserting your fingers between the seat cushion and seatback, take care not to get your fingers caught on the ISOFIX anchor points and bracket. See **ISOFIX Anchor Points** (page 21).



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.



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

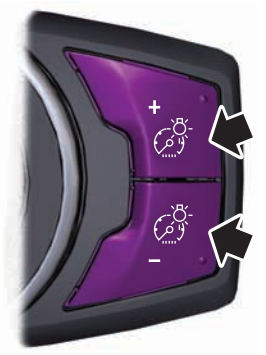
4. Place the seat belts in the clips on the outboard trim.

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.

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 75).

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 (Society of Automotive Engineers) 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 (Society of Automotive Engineers) standard sockets.*



E78056

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

CUP HOLDERS

WARNING

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

Rear seat armrest

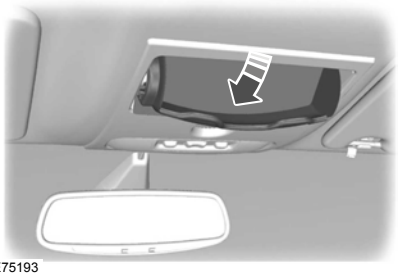


E132505



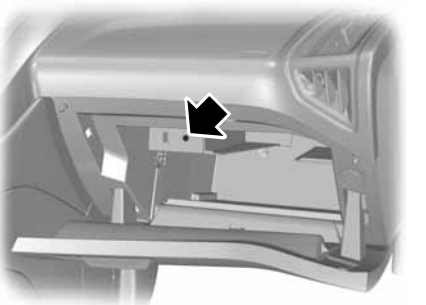
E91508

GLASSES HOLDER



E75193

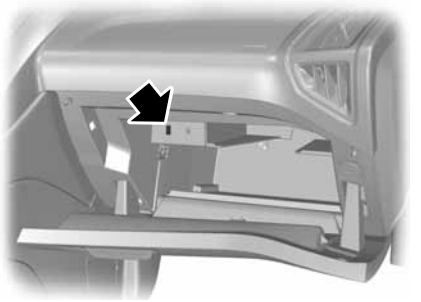
AUXILIARY INPUT SOCKET



E132422

See **Auxiliary input (AUX IN) socket** (page 203).

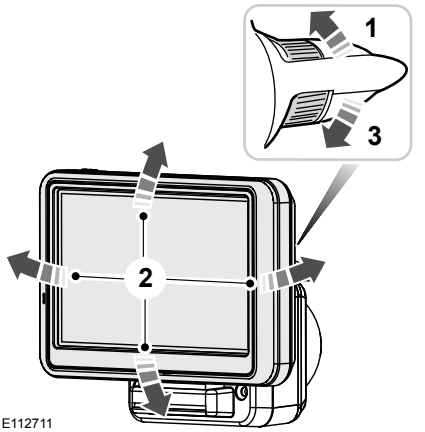
USB PORT



E132423

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.

GENERAL INFORMATION

General points on starting

If the battery has been disconnected the vehicle may exhibit some unusual driving characteristics for approx. 8 kilometres (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 172).

IGNITION SWITCH

WARNING

Never return the key to position **0** or **I** when the vehicle is in motion.



E72128

0 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.

Vehicles without keyless starting

To activate the steering wheel lock;

1. Remove the key from the ignition switch.
2. Turn the steering wheel.

Vehicles with keyless starting

Note: *The steering wheel lock will not activate when the ignition is on or the vehicle is moving.*

Your vehicle has an electronically controlled steering wheel lock. This operates automatically.

The steering wheel lock will activate after a short period of time once you have parked your vehicle and the passive key is outside of the vehicle, or when you lock the vehicle. See **Keyless Entry** (page 33).

Deactivating the steering wheel lock

Switch the ignition on, or:

Vehicles with automatic transmission

- Press the brake pedal.

Vehicles with manual transmission

- Press the clutch pedal.

STARTING A PETROL ENGINE

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

Cold or hot engine

Vehicles with manual transmission

Note: *Do not touch the accelerator pedal.*

Note: *Releasing the clutch pedal 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.
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 mobile phones.

Always check that the steering wheel lock is deactivated before attempting to move your vehicle. See **Steering Wheel Lock** (page 110).

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.*

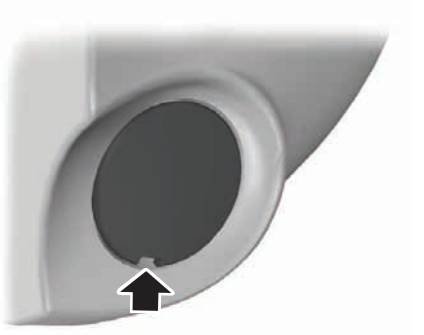
Note: *Continue to press the clutch or brake pedal until engine cranking begins.*

Failure to start

The passive starting system will not function if:

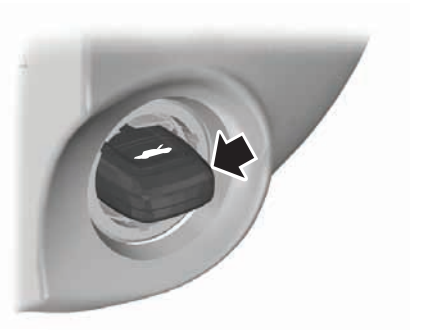
- The passive key frequencies are jammed.
- The passive key battery is flat.

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



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.

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 (DPF)

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

Regeneration

WARNING

Do not park or idle your vehicle over dry leaves, dry grass or other combustible materials. The 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 odour 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 motorway, 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

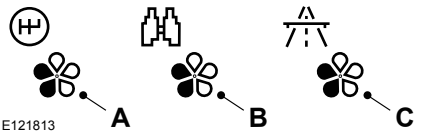
The system assists the driver to drive more efficiently by constantly monitoring characteristics of gear changing, anticipation of traffic conditions and speeds on motorways and open roads.

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 75).

Resetting Eco mode

Reset the average fuel consumption.

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

SAFETY PRECAUTIONS

WARNINGS

Stop refuelling 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 - PETROL

CAUTION

Do not use leaded petrol or petrol 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 petrol 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, petrol or other liquids. This could cause a chemical reaction.

CAUTIONS

Do not add kerosene, paraffin or petrol 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.

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 172).

Do not switch the ignition off when driving.

FUEL FILLER FLAP

WARNINGS

Take care when refuelling 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 flap briefly from a distance not less than 200 millimetres (8 inches).

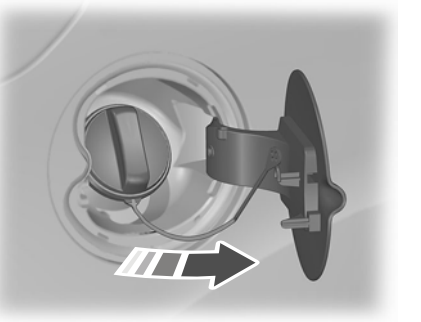
Vehicles equipped with cap system

Type 1



E144241

Type 2



E144295

1. Press/pull the flap to open it.
2. Open the flap fully until it engages. Turn the fuel filler cap anti-clockwise.
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.

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

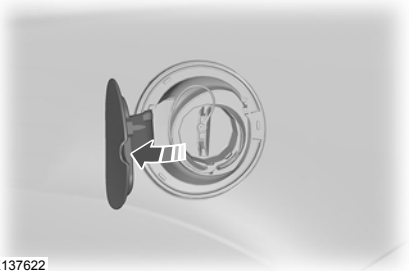
Vehicle equipped with capless system

Type 1



E86613

Type 2



E137622

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

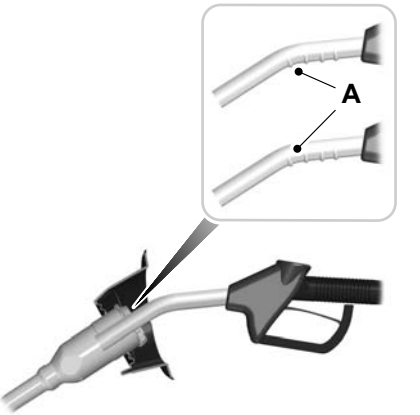
Note: *Fuel filler flap is automatically locked when vehicle is locked.*

Filling

WARNING

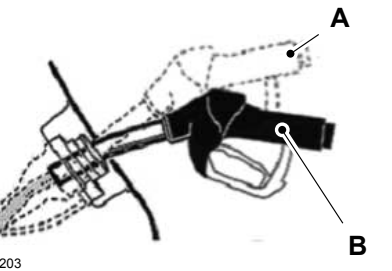
Stop refuelling after the fuel nozzle stops the second time. Additional fuel will fill the expansion space in the fuel tank which could lead to fuel overflowing. Fuel spillage could be hazardous to other road users.

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.

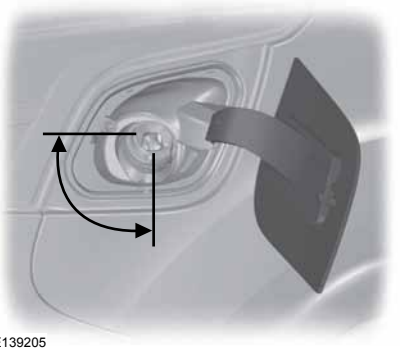


E139203

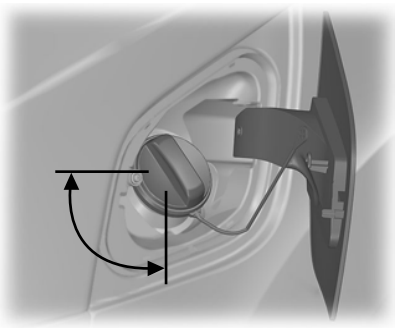
A	Incorrect position
B	Correct position

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.



E139205



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.

WARNINGS

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



E119081

5. Slightly raise the fuel nozzle to remove it.

Refuelling with a fuel can

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

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

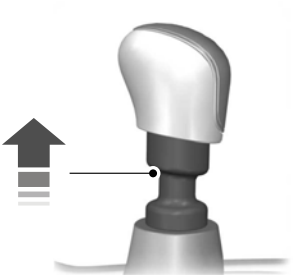
Variant	Urban	Extra-Urban	Combined	CO2 Emissions
	l/100 km (mpg)	l/100 km (mpg)	l/100 km (mpg)	g/km
1.6L Duratec-16V Ti-VCT - Sigma, manual transmission	8.7 (32.5)	4.9 (57.6)	6.3 (44.8)	147
1.6L Duratec-16V Ti-VCT - Sigma, vehicles with automatic transmission	9.3 (30.4)	4.9 (57.7)	6.5 (43.5)	153
2.0L Duratec - HE (MI4), vehicles with manual transmission	9.2 (30.7)	5.1 (55.4)	6.6 (42.8)	154
2.0L Duratec - HE (MI4), 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

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.

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.*

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 in the drive position 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.

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.

Park lock control

Note: *This feature is default off. Activate it during first time double parking using the information display. See* ***General Information*** *(page 75).*

Note: *For vehicles without information display, see your dealer to activate the feature.*

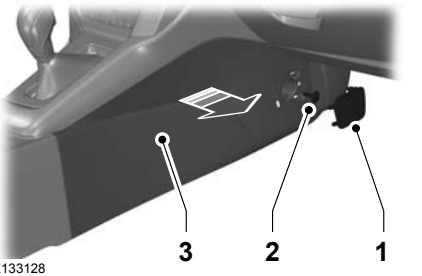
Note: *Carry out the following steps within 30 seconds after the key off and before the driver's door is opened.*

1. Select park and turn 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 the key off will deactivate the park lock control. This will lock the selector lever if in park position until the next key on-off cycle.*

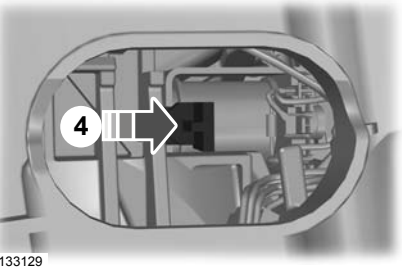
Emergency park position release lever

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 centre 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.

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)**.

Note: *Activate the parking brake without fail, as they are the primary braking function while parking your vehicle.*

- 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 kerb.
- If your vehicle is parked on a hill and facing downhill, select reverse gear or **P (Park)** and turn the steering wheel towards the kerb.

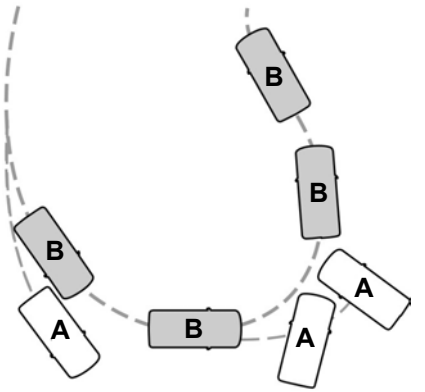
To release the parking brake, press the brake pedal firmly, pull the lever up slightly, depress the release button and push the lever down.

PRINCIPLE OF OPERATION

Electronic stability programme (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 71).

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 stabilise 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

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 75).

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 75).

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 83).

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:

- 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.

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 centimetres (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.*

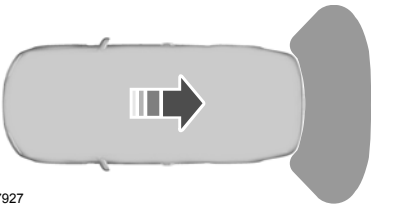
Note: *The parking aid may emit false tones if it detects a signal using the same frequency as the sensors or if the vehicle is fully laden.*

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

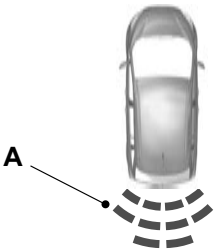
The parking aid does not relieve you of your responsibility to drive with due care and attention.



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 centimetres (59 inches) between the obstacle and rear bumper and approximately 50 centimetres (20 inches) to the side. Decreasing the distance accelerates the intermittent tone.



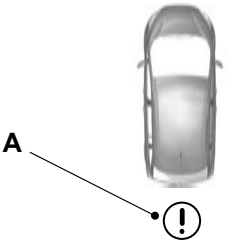
E130178

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 centimetres (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 centimetres (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.

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 centimetres (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 10). 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.

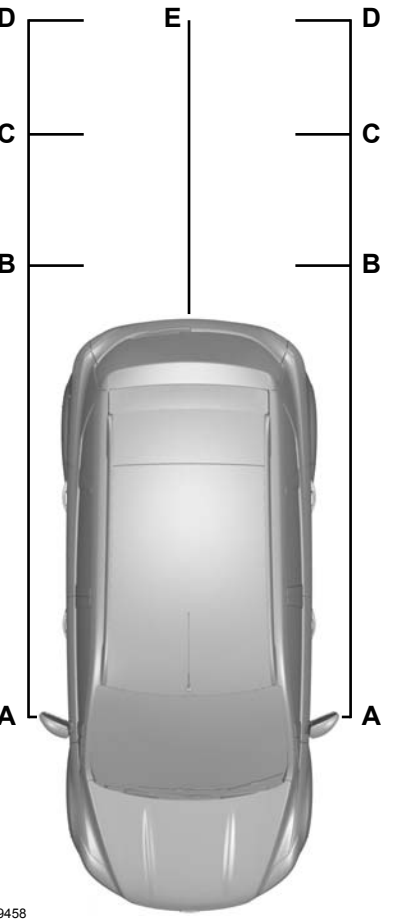
Using the display

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.



A Exterior mirror clearance - 0.1 metre (4 inches)

B Red - 0.3 metre (12 inches)

C Yellow - 0.6 metre (24 inches)

D Green - 0.9 to 3.2 metres (35 to 126 inches)

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 10).

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 metres (24 to 71 inches).
- Yellow - 0.3 to 0.6 metre (12 to 24 inches).
- Red - 0.3 metre (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 manoeuver.

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 10).

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 kerb.

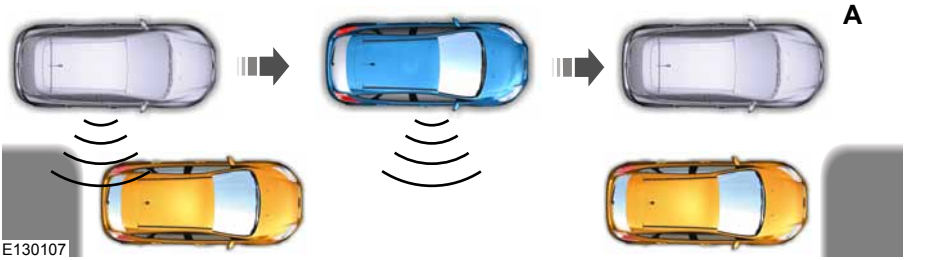
Note: *If the traction control system is disabled active park assist will not be available. See* ***General Information*** *(page 75).*

The system will not align the vehicle correctly if:

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

Move forwards at a maximum speed of 30 km/h (18 mph). Press the active park assist switch. See **At a Glance** (page 10). 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.*



Note: *To disable the chimes: See* ***Personalised Settings*** *(page 83).*

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.

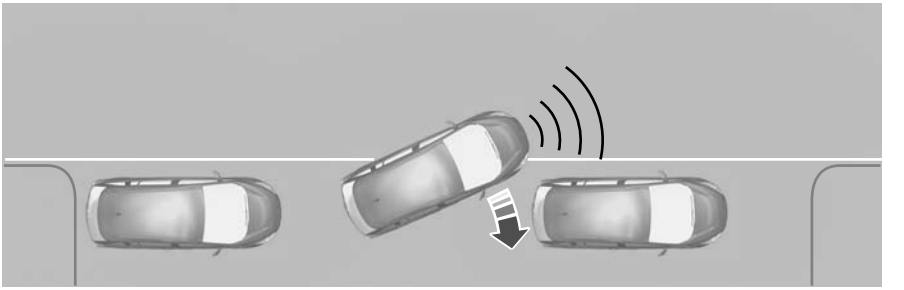


WARNING

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.

You can take control of the manoeuvre 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 10).



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 manoeuvre.

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.

Always observe speed limits in accordance with local traffic regulations.

Switching cruise control on



E153843

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

Setting a speed

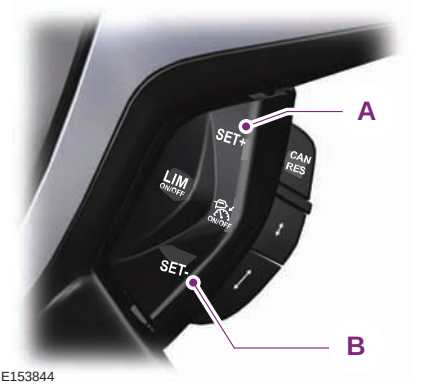
Press the **SET+** switch or the **SET-** switch to store and maintain your current speed. The cruise control indicator will illuminate. See **Warning Lamps and Indicators** (page 71).

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

Cancelling 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.

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 142). 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.

CAUTIONS

Only use adaptive cruise control when conditions are favourable, for example on motorways 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 motorway.

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.

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.*

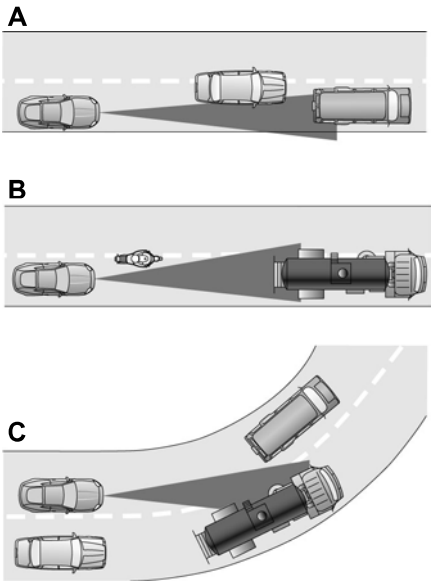
Note: *Keep the front of the vehicle free from dirt, metal badges or objects, including vehicle front protectors and additional lights which may prevent the sensor from operating.*

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 travelling 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.

Detection beam issues



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.

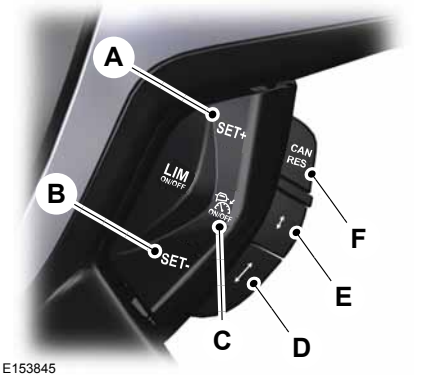
In some cases there may be no warning or the warning may be delayed. You should always apply the brakes when necessary.

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.

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

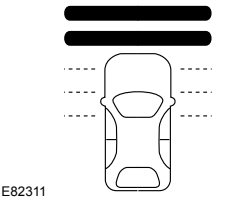
CAUTION

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 metres (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.*

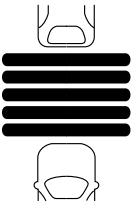
Note: *The gap setting will remain unchanged during ignition cycles.*


E82311

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 cancelled 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 83). 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

- 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 travelling 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 138).

The system uses the same radar sensors as adaptive cruise control and therefore has the same limitations. See **Principle of Operation** (page 138).

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 83).

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 71).*

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 75).

Adjusting the warning sensitivity

You may adjust the system warning sensitivity using the buttons on the steering wheel. See **General Information** (page 75). This controls how early the visual and audible warning is activated.

PRINCIPLE OF OPERATION

WARNING

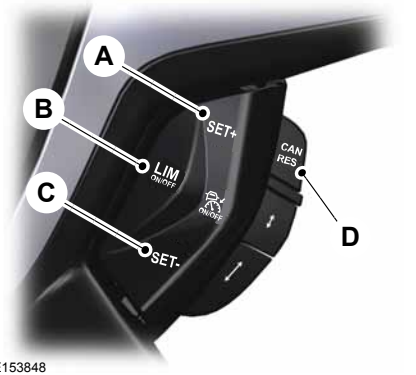
When you are going downhill, your speed may increase above the set speed. The system will not apply the brakes but a warning will be given.

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.



E153848

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 **Running-In** (page 147).

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 windscreen repairs in the immediate area surrounding the sensor.

If your vehicle is fitted with a windscreen 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 curves.

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

Note: *Keep the bonnet 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 217).

USING ACTIVE CITY STOP

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 75).

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 182).

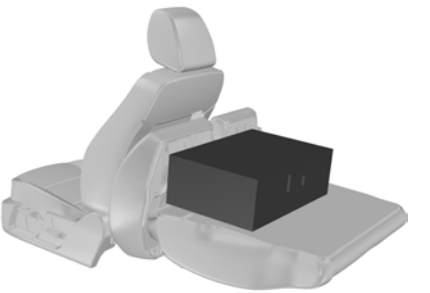
Heavy loads, when placed in the passenger compartment, should be on folded rear seats as shown. See **Rear Seats** (page 104).

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.

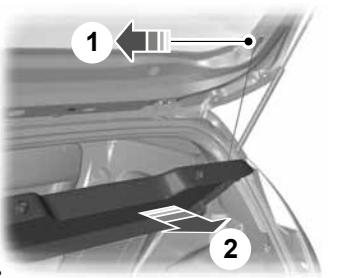


E97377

LUGGAGE COVERS

CAUTION

Do not place objects on the luggage cover.



E72512

RUNNING-IN

Tyres

WARNING

New tyres need to be run-in for approximately 500 kilometres (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 kilometres (100 miles) in town and for the first 1500 kilometres (1000 miles) on motorways.

Engine

CAUTION

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

COLD WEATHER PRECAUTIONS

The functional operation of some components and systems can be affected at temperatures below -30ºC (-22ºF).

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 millimetres (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.

FIRST AID KIT

Space is provided in the luggage compartment.

WARNING TRIANGLE

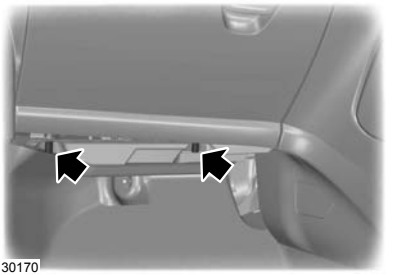
Space is provided in the luggage compartment.

FUSE BOX LOCATIONS

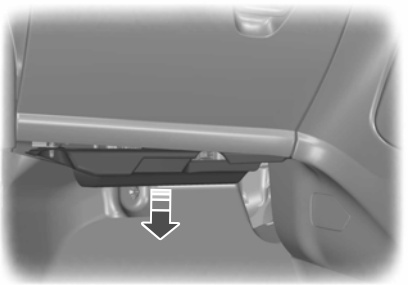
Engine compartment fuse box

This fuse box is located in the engine compartment

Passenger compartment fuse box



E130170

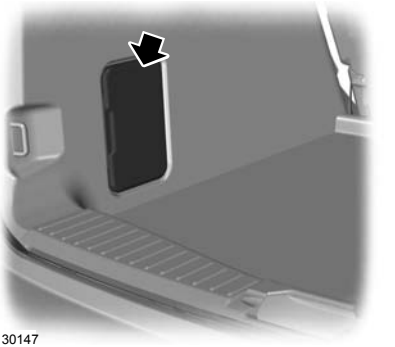


E130171

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.

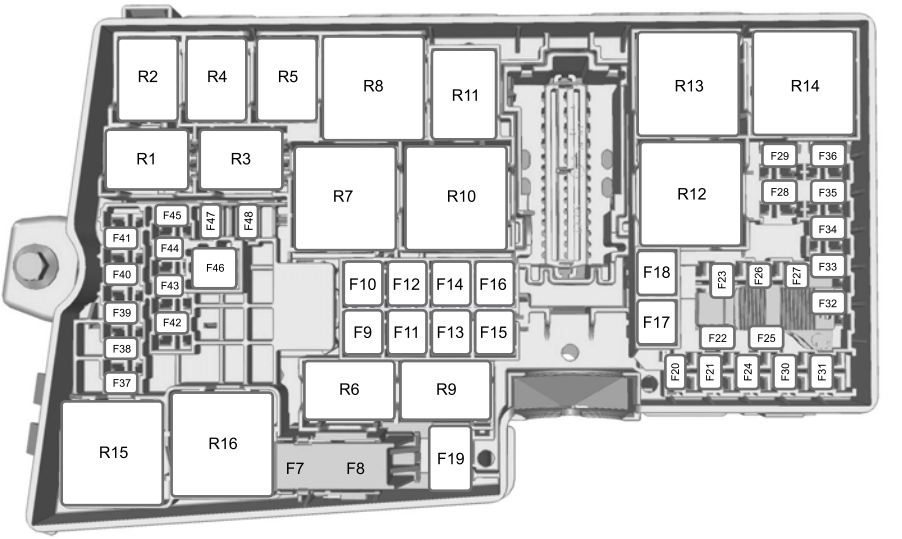
Note: *You can identify a blown fuse by a break in the filament.*

Note: *All fuses, except high current fuses, are a push fit.*

Note: *A fuse puller is located in the engine compartment fuse box.*

FUSE SPECIFICATION CHART

Engine compartment fuse box



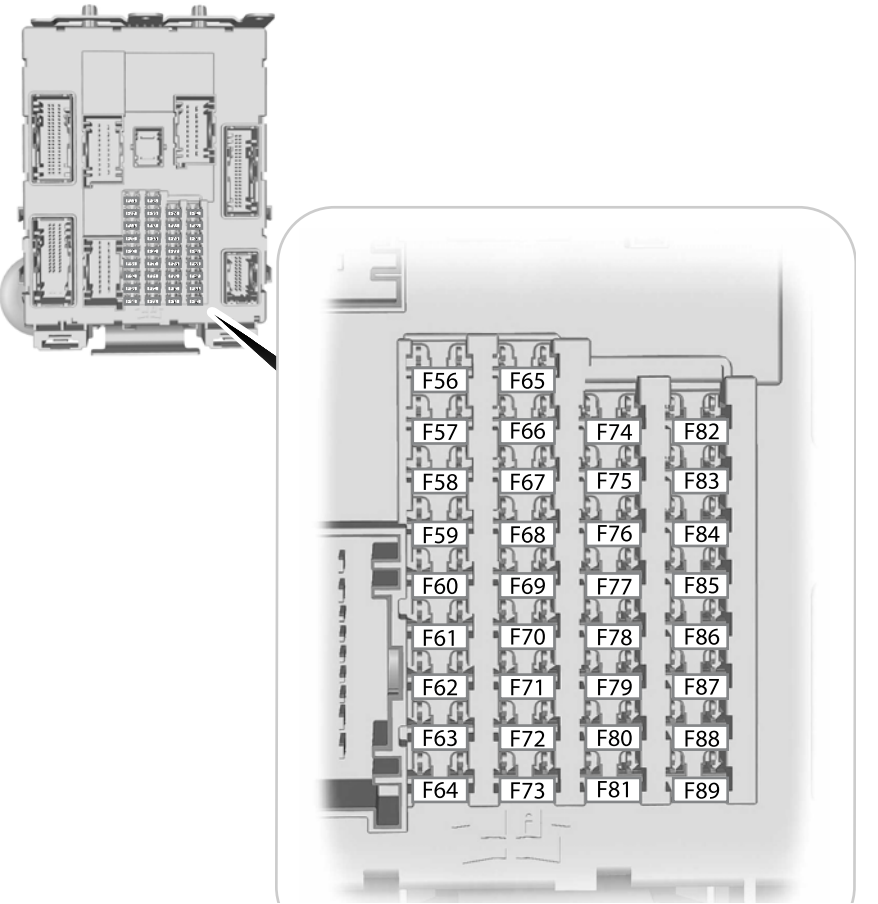
E129925

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 windscreen (right-hand side)

Fuse	Ampere rating	Circuits protected
15	25	Transmission control module
16	40	Heated windscreen (left-hand side)
17	20	Front cigar lighter
18	20	Windscreen 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	Electric window switch (front)
25	10	Electric exterior mirrors
26	15	Transmission control module
27	15	Air conditioning clutch
28	25	Electric 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 (petrol engine), Run on water pump relay, Intercooler fan relay
35	15	Active grille shutter and filter heater (diesel engine)
36	10	Powertrain control module

Fuse	Ampere rating	Circuits protected
37	-	Not used
38	15	Powertrain control module, transmission control module
39	5	Headlamp control module (halogen levelling)
40	5	Electric power assisted steering
41	20	Body control module
42	15	Rear window wiper
43	15	Headlamp control module (high intensity discharge levelling), adaptive front lighting unit
44	5	Adaptive cruise control
45	10	Heated washer jets
46	25	Electric windows (front)
47	7.5	Heated exterior mirrors
48	15	Vaporizer

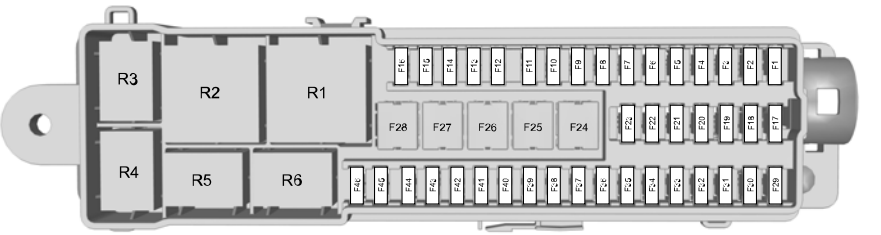
Passenger compartment fuse box



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, electric sunroof
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	Electric sunroof

Fuse	Ampere rating	Circuits protected
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
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) (electric windows, central locking, electric folding mirrors, heated exterior mirrors)

Fuse	Ampere rating	Circuits protected
5	25	Door module (right-hand front) (electric windows, central locking, electric folding mirrors, heated exterior mirrors)
6	25	Door module (left-hand rear) (electric windows)
7	25	Door module (right-hand rear) (electric windows)
8	10	Alarm system
9	25	Power driver's seat
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

Fuse	Ampere rating	Circuits protected
31	-	Not used
32	-	Not used
33	-	Not used
34	-	Not used
35	-	Not used
36	-	Not used
37	5	Electric sunroof
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

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 **anti-clockwise** 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.

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 kilometres (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 kilometres (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 0ºC (32ºF).

GENERAL INFORMATION

Have the vehicle serviced in accordance with the specified service intervals/ schedules.There is a large network of Ford Authorised 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 specialised 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 refuelling

- Engine oil level. See **Engine Oil Check** (page 166).
- Brake fluid level. See **Brake and Clutch Fluid Check** (page 167).
- Washer fluid level. See **Washer Fluid Check** (page 167).
- Tyre pressures (when cold). See **Technical Specifications** (page 180).
- Tyre condition. See **Wheels and Tyres** (page 174).

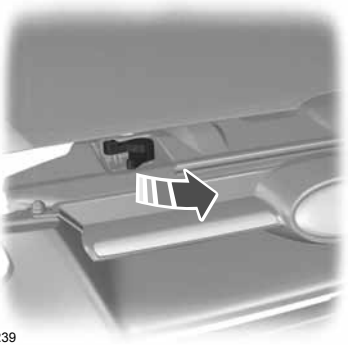
Monthly checks

- Engine coolant level (engine cold). See **Engine Coolant Check** (page 166).
- Pipes, hoses and reservoirs for leaks.
- Air conditioning operation.
- Parking brake operation.
- Horn operation.
- Tightness of wheel nuts. See **Technical Specifications** (page 180).

OPENING AND CLOSING THE BONNET

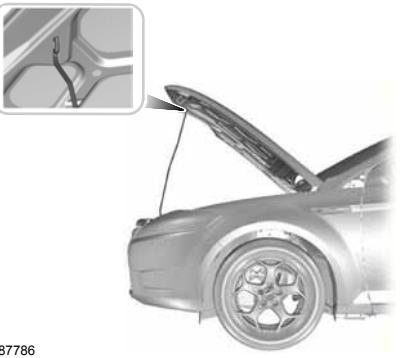
Opening the bonnet


E73698



E133239

Move the yellow catch to the right.



E87786

Open the bonnet and support it with the strut.

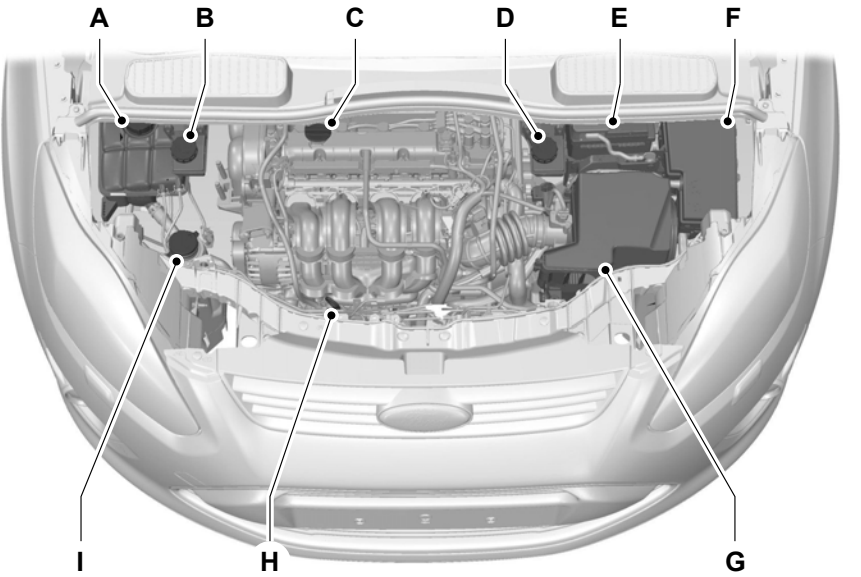
Closing the bonnet

WARNING

Make sure that the bonnet is closed properly.

Lower the bonnet and allow it to drop from under its own weight for the last 20 – 30 centimetres (8 - 11 inches).

UNDER BONNET OVERVIEW - 1.6L DURATEC-16V (SIGMA)



E130030

A Engine coolant reservoir*: See **Engine Coolant Check** (page 166).

B Brake and clutch fluid reservoir (right-hand drive)*: See **Brake and Clutch Fluid Check** (page 167).

C Engine oil filler cap*: See **Engine Oil Check** (page 166).

D Brake and clutch fluid reservoir (left-hand drive)*: See **Brake and Clutch Fluid Check** (page 167).

E Battery: See **Vehicle battery** (page 172).

F Engine compartment fuse box: See **Fuses** (page 149).

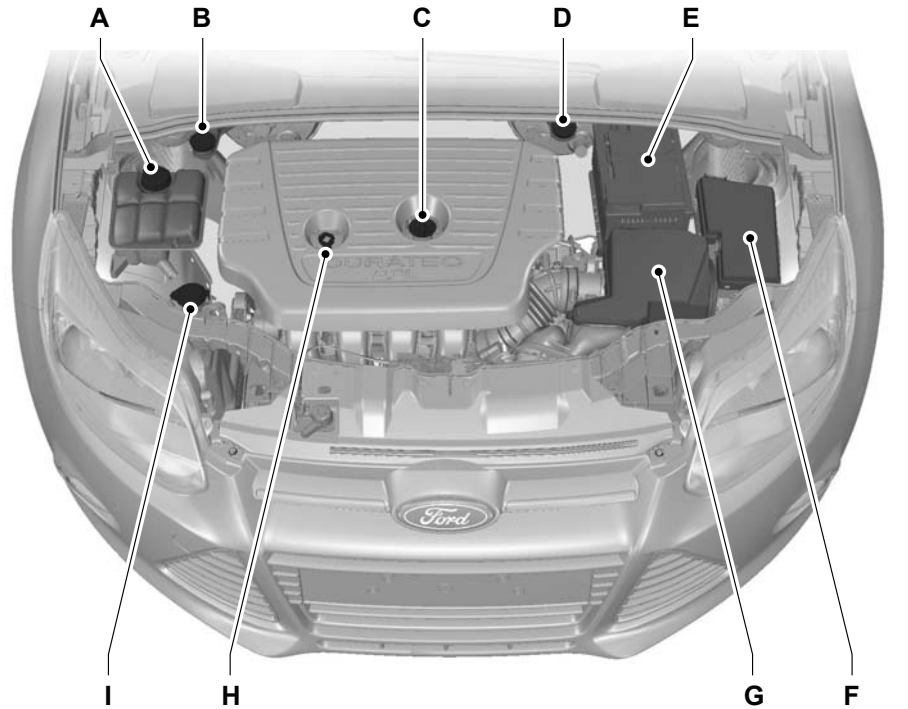
G Air cleaner: No maintenance necessary.

H Engine oil dipstick*: See **Engine Oil Check** (page 166).

I Screen washer fluid reservoir*: See **Washer Fluid Check** (page 167).

*For easy identification, filler caps and the engine oil dipstick are marked in colour.

UNDER BONNET OVERVIEW - 2.0L DURATEC-HE (MI4)



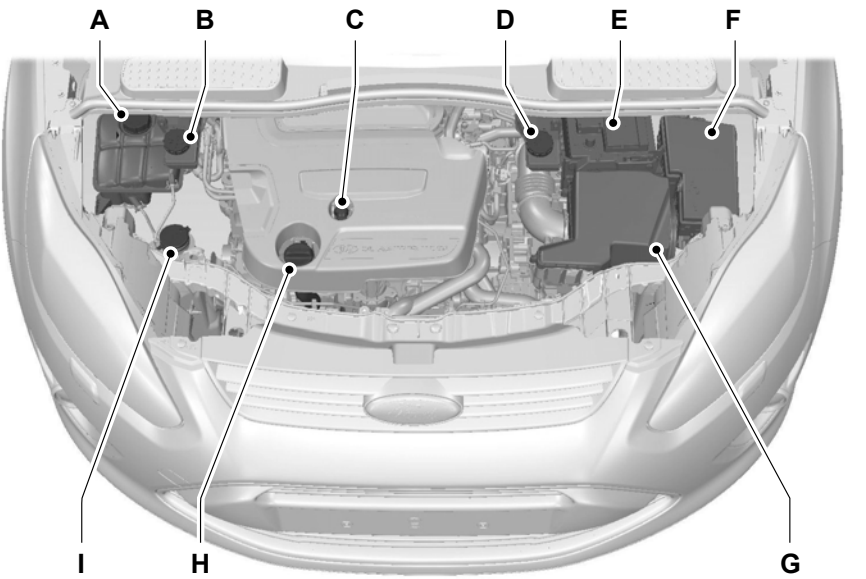
A Engine coolant reservoir*: See **Engine Coolant Check** (page 166).

B Brake and clutch fluid reservoir (right-hand drive)*: See **Brake and Clutch Fluid Check** (page 167).

C Engine oil filler cap*: See **Engine Oil Check** (page 166).
D Brake and clutch fluid reservoir (left-hand drive)*: See **Brake and Clutch Fluid Check** (page 167).
E Battery: See **Vehicle battery** (page 172).
F Engine compartment fuse box: See **Fuses** (page 149).
G Air cleaner: No maintenance necessary.
H Engine oil dipstick*: See **Engine Oil Check** (page 166).
I Screen washer fluid reservoir*: See **Washer Fluid Check** (page 167).

*For easy identification, filler caps and the engine oil dipstick are marked in colour.

UNDER BONNET OVERVIEW - 2.0L DURATORQ-TDCI (DW) DIESEL

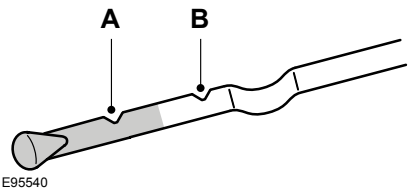


E130032

A Engine coolant reservoir*: See **Engine Coolant Check** (page 166).
B Brake and clutch fluid reservoir (right-hand drive)*: See **Brake and Clutch Fluid Check** (page 167).
C Engine oil dipstick*: See **Engine Oil Check** (page 166).
D Brake and clutch fluid reservoir (left-hand drive)*: See **Brake and Clutch Fluid Check** (page 167).
E Battery: See **Vehicle battery** (page 172).
F Engine compartment fuse box: See **Fuses** (page 149).
G Air cleaner: No maintenance necessary.
H Engine oil filler cap*: See **Engine Oil Check** (page 166).
I Screen washer fluid reservoir*: See **Washer Fluid Check** (page 167).

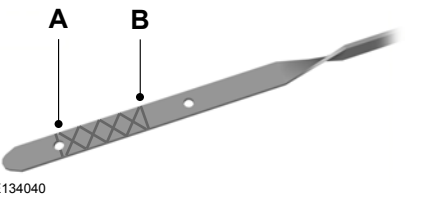
*For easy identification, filler caps and the engine oil dipstick are marked in colour.

ENGINE OIL DIPSTICK - 1.6L DURATEC-16V (SIGMA)



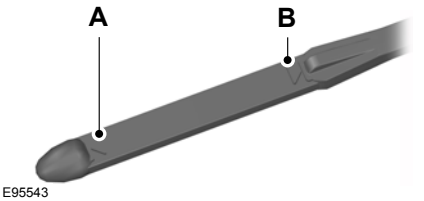
A MIN
B MAX

ENGINE OIL DIPSTICK - 2.0L DURATEC-HE (MI4)



A MIN
B MAX

ENGINE OIL DIPSTICK - 2.0L DURATORQ-TDCI (85KW/115PS) - DW



E95543

A MIN
B MAX

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 kilometres (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 millimetres 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 168).

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.

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 168).

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 168).

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.

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 - petrol engines	WSS-M2C913-C	5W-30	Castrol or Ford Engine Oil
Alternative engine oil - all petrol 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
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** (petrol 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 Litres (gallons)
Petrol engines	Fuel tank	55 (12.1)
2.0L Duratorq-TDCi - DW	Fuel tank	60 (13.2)
All	Windscreen washer system - with headlamp washers	4.5 (1)
All	Windscreen 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)
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 litres (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)

CLEANING THE EXTERIOR

WARNING

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

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 tyre cleaner.
- Use a sponge to remove heavy deposits of dirt and brake dust accumulation.
- Rinse them thoroughly with a pressurised stream of water when you have completed the cleaning process.

We recommend that you use Ford service wheel cleaner. Make sure that you read and follow the manufacturer's instructions.

Using other non-recommended cleaning products can result in severe and permanent cosmetic damage.

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 windscreen 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

Seat belts

WARNINGS

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

Do not allow moisture to penetrate the seat belt retractor mechanism.

Clean the seat belts with interior cleaner or water applied with a soft sponge. Let the seat 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.

JUMP-STARTING THE VEHICLE

WARNING

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

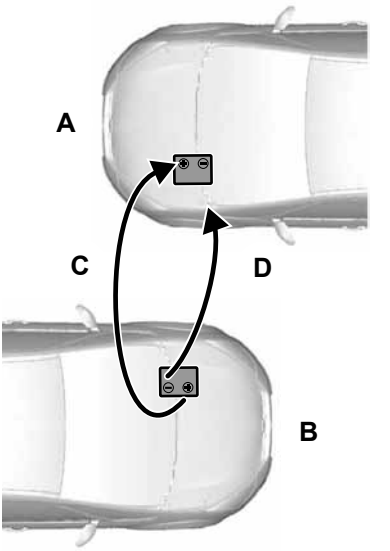
CAUTIONS

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 173).

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



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

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.

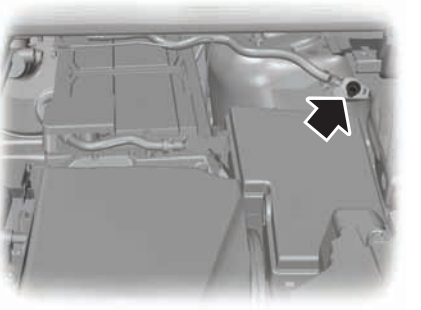
Note: *Where applicable, the audio system must be reprogrammed with the keycode.*

The battery is located in the engine compartment.

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.

GENERAL INFORMATION

CAUTIONS

Use only approved wheel and tyre sizes. Using other sizes could damage the vehicle and will make the National Type Approval invalid.

If you change the diameter of the tyres 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 tyre pressures regularly to optimise fuel economy.*

A decal with tyre pressure data is located in the driver's door opening at the B-pillar.

Check and set the tyre pressure at the ambient temperature in which you are intending to drive the vehicle and when the tyres are cold.

CHANGING A ROAD WHEEL

Locking wheel nuts

You can obtain a replacement locking wheel nut key and replacement locking wheel 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 tyre 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 tyres. See **Technical Specifications** (page 180).

CAUTION

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

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.

Note: *Vehicles with a tyre 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 tyres.

Note: *Use a jack with a minimum lifting capacity of 1.5 tonnes and a lifting plate with a minimum diameter of 80 millimetres (3.1 inches).*

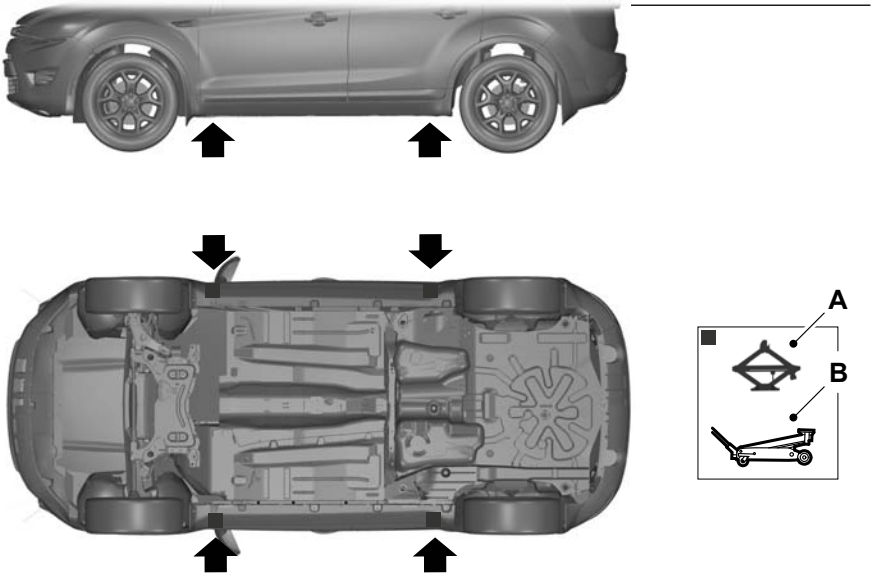
Vehicles without tyre repair kit

Your vehicle jack, wheel brace, screw-in towing eye and wheel trim remover are located in the spare wheel well.

Jacking and lifting points

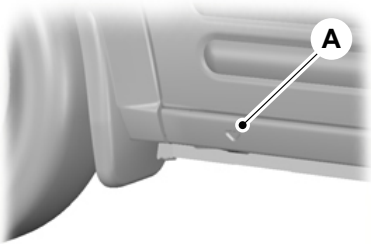
CAUTION

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.



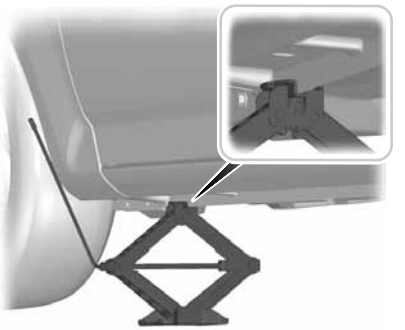
E92658

A Emergency use only
B Maintenance



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.*



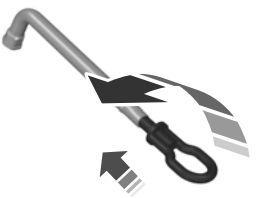
E122546

Extend the wheel brace.

Type two

CAUTION

The screw-in towing eye has a **left-hand thread**. Turn it anti-clockwise to install it. Make sure that the towing eye is fully tightened.



E122502

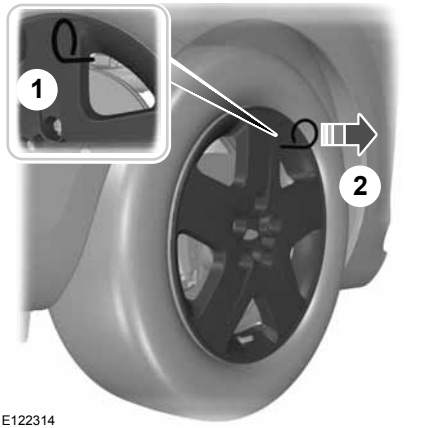
Insert the screw-in towing eye into the wheel brace.

Removing the wheel trim

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 tyres 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 tyre refitted in the correct direction by a properly trained technician.

Do not work underneath the vehicle when it is supported only by a jack.

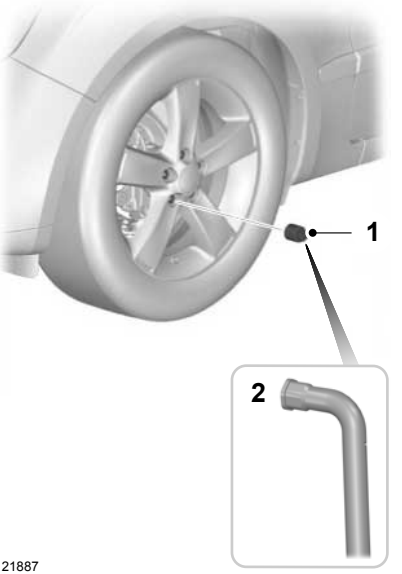
Make sure that the jack is vertical to the jacking point and the base is flat on the ground.

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 wheel nut key.



E121887

2. Slacken the wheel nuts.
3. Jack up the vehicle until the tyre is clear of the ground.
4. Remove the wheel nuts and the wheel.

Installing a road wheel

WARNINGS

Use only approved wheel and tyre sizes. Using other sizes could damage the vehicle and will make the National Type Approval invalid. See **Technical Specifications** (page 180).

Do not fit run flat tyres on vehicles that were not originally fitted with them. Please contact your dealer for more details regarding compatibility.

CAUTION

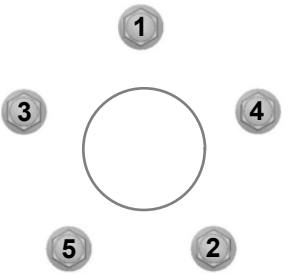
Do not install alloy wheels using wheel nuts designed for use with steel wheels.

Note: *The wheel nuts of alloy wheels and spoked steel wheels can also be used for the steel spare wheel for a short time (maximum two weeks).*

Note: *Make sure the wheel and hub contact surfaces are free from foreign matter.*

Note: *Make sure that the cones on the wheel nuts are against the wheel.*

1. Install the wheel.
2. Install the wheel nuts finger tight.
3. Install the locking wheel nut key.



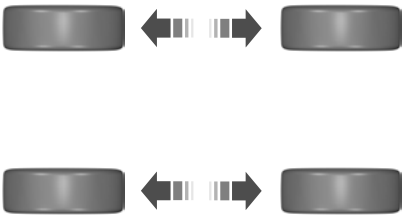
E75442

4. Partially tighten the wheel nuts in the sequence shown.
5. Lower the vehicle and remove the jack.
6. Fully tighten the wheel nuts in the sequence shown. See **Technical Specifications** (page 180).
7. Install the wheel trim using the ball of your hand.

WARNING

Have the wheel nuts checked for tightness and the tyre pressure checked as soon as possible.

TYRE CARE



E70415

To make sure the front and rear tyres of your vehicle wear evenly and last longer, we recommend that you swap the tyres from front to rear and vice versa at regular intervals of between 5000 and 10000 kilometres (3000 and 6000 miles).

CAUTION

Do not scrub the sidewalls of the tyres when you are parking.

If you have to mount a kerb, do so slowly and approach it with the wheels at right-angles to the kerb.

Examine the tyres regularly for cuts, foreign objects and uneven wear of the tread. Uneven wear could mean that the wheel alignment is outside specification.

Check the tyre pressures (including the spare) when cold, every two weeks.

USING WINTER TYRES

CAUTION

Make sure that you use the correct wheel nuts for the type of wheel the winter tyres are fitted to.

If winter tyres are used, make sure that the tyre pressures are correct. See **Technical Specifications** (page 180).

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 tyres. See **Technical Specifications** (page 180).

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 125).

TECHNICAL SPECIFICATIONS

Tyre pressures (cold tyres)

Wheel nut torque

Wheel type	Nm (lb-ft)
All	135 (100)

Up to 80 km/h (50 mph)

Variant	Tyre size	Normal load		Full load	
		Front	Rear	Front	Rear
		bar (lbf/in²)	bar (lbf/in²)	bar (lbf/in²)	bar (lbf/in²)
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	Tyre 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)	2.4 (35)	2.8 (41)
1.6L Duratec-16V Ti-VCT - Sigma, 2.0L Duratec - HE (MI4)	235/40 R 18	2.1 (31)	2.1 (31)	2.4 (35)	2.8 (41)
2.0L Duratorq-TDCi (DW) - Diesel	235/40 R 18	2.3 (33)	2.1 (31)	2.4 (35)	2.8 (41)

*Only fit snow chains to specified tyres.

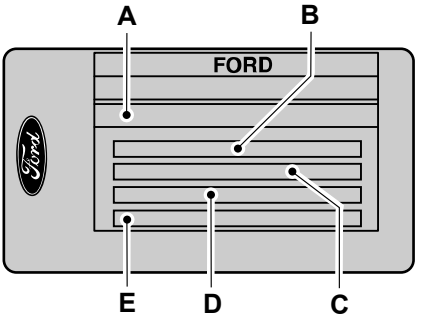
Continuous speed in excess of 160 km/h (100 mph)

Variant	Tyre 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)
1.6L Duratec-16V Ti-VCT - Sigma, 2.0L Duratec - HE (MI4)	235/40 R 18	2.1 (31)	2.1 (31)	2.4 (35)	2.8 (41)
2.0L Duratorq-TDCi (DW) - Diesel	235/40 R 18	2.3 (33)	2.1 (31)	2.6 (38)	2.8 (41)

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.*

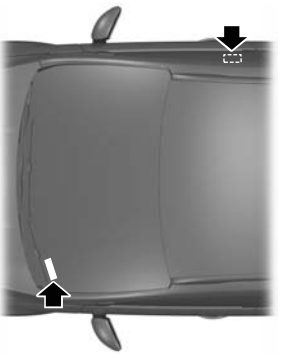


E85610

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.

TECHNICAL SPECIFICATIONS

Vehicle dimensions

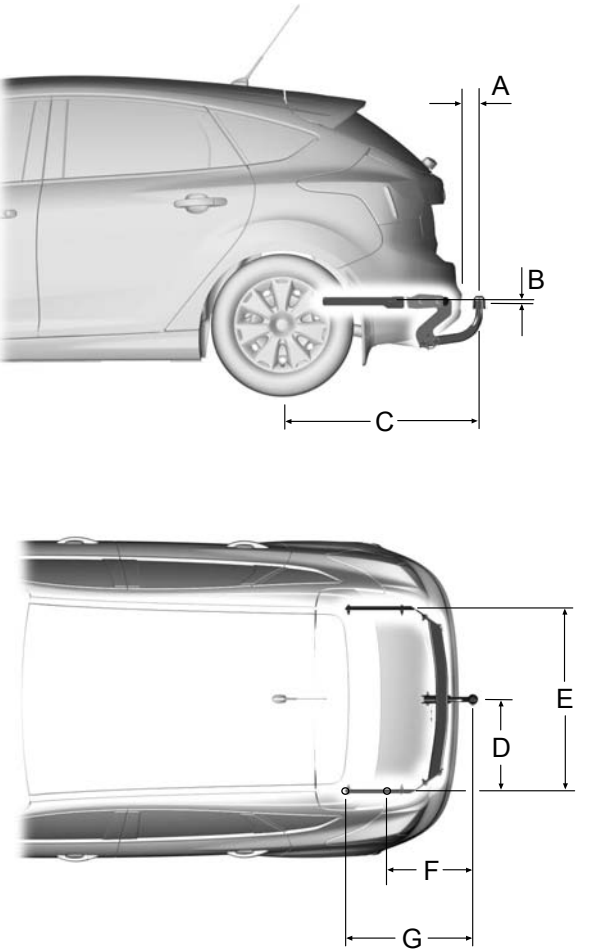
4-door

Dimension description	Dimension in mm (inches)
Maximum length	4534 (178.5)
Overall width including exterior mirrors	2010 (79.1)
Overall height - EC kerb 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 kerb 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)

Towing equipment dimensions



4-door

Item	Dimension description	Dimension in mm (inches)
A	Bumper – centre of tow ball	77 - 80 (3 - 3.1)
B	Attachment point – centre of tow ball	5 (0.2)
C	Wheel centre – centre of tow ball	1068 - 1071 (42 - 42.2)
D	Centre of tow ball – side member	518 (20.4)
E	Distance between side members	1037 (40.8)
F	Centre of tow ball – centre 1. attachment point	450 (17.7)
G	Centre of tow ball – centre 2. attachment point	750 (29.5)

5-door

Item	Dimension description	Dimension in mm (inches)
A	Bumper – centre of tow ball	81 - 83 (3.2 - 3.3)
B	Attachment point – centre of tow ball	5 (0.2)
C	Wheel centre – centre of tow ball	896 - 898 (35.3 - 35.4)
D	Centre of tow ball – side member	518 (20.4)
E	Distance between side members	1036 (40.8)
F	Centre of tow ball – centre 1. attachment point	420 (16.5)
G	Centre of tow ball – centre 2. attachment point	720 (28.3)

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.

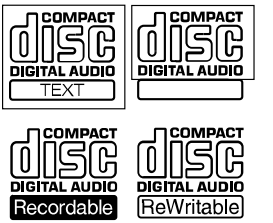
Audio unit labels

CLASS 1
LASER PRODUCT

CAUTION—INVISIBLE LASER RADIATION WHEN OPEN
DO NOT STARE INTO BEAM OR
VIEW DIRECTLY WITH OPTICAL INSTRUMENTS

Disc labels

Audio CD

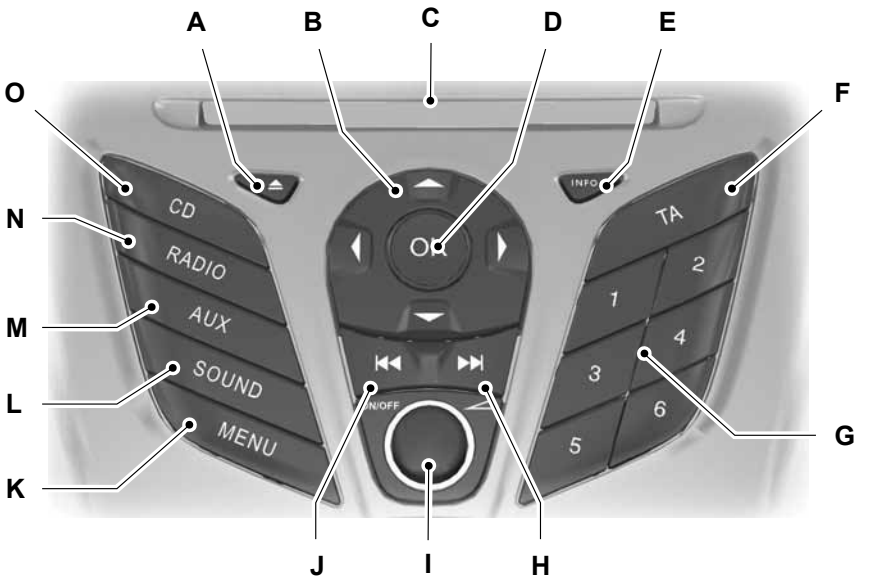


MP3



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 CD eject. See **Compact Disc Player** (page 199).
B Navigation arrows.
C CD aperture. See **Compact Disc Player** (page 199).
D OK.
E Information.
F Traffic announcement. See **Traffic information control** (page 195).
G Station presets. See **Station preset buttons** (page 195).

H Seek up. CD track selection. See **Station tuning control** (page 194). See **Track selection** (page 199).

I On/off and volume control.

J Seek down. CD track selection. See **Station tuning control** (page 194). See **Track selection** (page 199).

K Menu select.

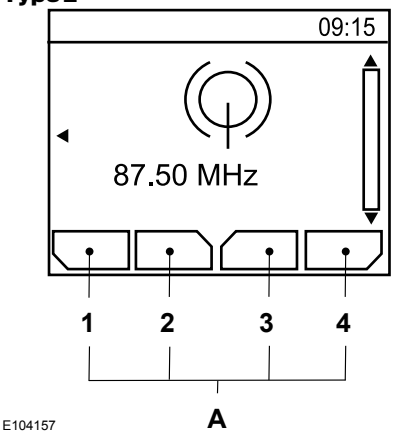
L Sound button. See **Sound button** (page 194).

M Auxiliary select. See **Auxiliary Input Socket** (page 108). See **Auxiliary input (AUX IN) socket** (page 203).

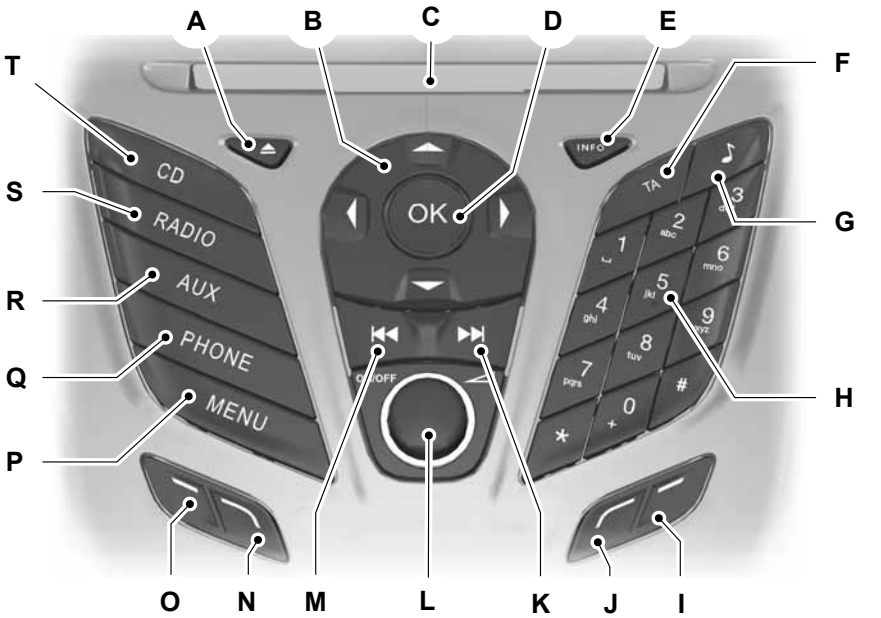
N Radio and waveband select. See **Audio unit operation** (page 194).

O CD select. See **Compact Disc Player** (page 199).

Type 2



A Descriptions for function buttons 1-4



A CD eject. See **Compact Disc Player** (page 199).

B Navigation arrows.

C CD aperture. See **Compact Disc Player** (page 199).

D OK.

E Information.

F Traffic announcement. See **Traffic information control** (page 195).

G Sound button. See **Sound button** (page 194).

H Telephone keypad and station presets. See **Station preset buttons** (page 195).

I Function 4.

J Function 3.

K Seek up. CD track selection. See **Station tuning control** (page 194). See **Track selection** (page 199).

L On/off and volume control.

M Seek down. CD track selection. See **Station tuning control** (page 194). See **Track selection** (page 199).

N Function 2.

O Function 1.

P Menu select.

Q Phone menu.

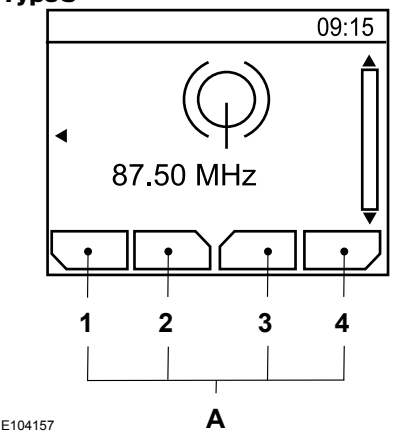
R Auxiliary, USB and iPod select. See **Auxiliary Input Socket** (page 108). See **Auxiliary input (AUX IN) socket** (page 203).

S Radio and waveband select. See **Audio unit operation** (page 194).

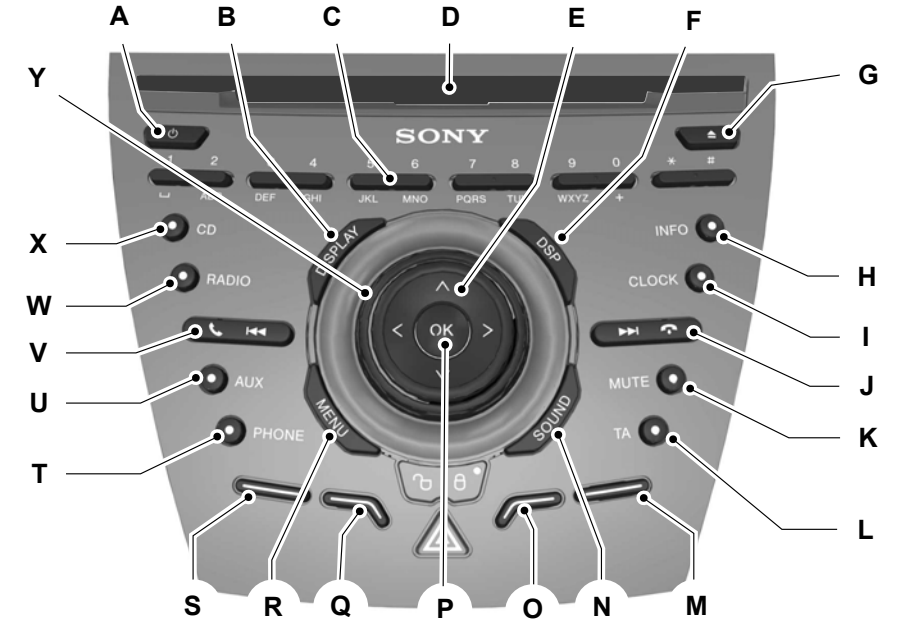
T CD select. See **Compact Disc Player** (page 199).

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



A Descriptions for function buttons 1-4



A On/off control.

B Display select.

C Telephone keypad and station presets. See **Station preset buttons** (page 195).

D CD aperture. See **Compact Disc Player** (page 199).

E Navigation arrows.

F DSP select. See **Digital signal processing (DSP)** (page 197).

G CD eject. See **Compact Disc Player** (page 199).

H Information.

I Clock.

J Seek up. CD track selection. End call. See **Station tuning control** (page 194). See **Track selection** (page 199).

K Mute.

L Traffic announcement. See **Traffic information control** (page 195).
M Function 4.
N Sound button. See **Sound button** (page 194).
O Function 3.
P OK.
Q Function 2.
R Menu select.
S Function 1.
T Phone menu.
U Auxiliary select. See **Auxiliary Input Socket** (page 108). See **Auxiliary input (AUX IN) socket** (page 203).
V Seek down. CD track selection. Accept call. See **Station tuning control** (page 194). See **Track selection** (page 199).
W Radio and waveband select. See **Audio unit operation** (page 194).
X CD select. See **Compact Disc Player** (page 199).
Y Volume control.

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.

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 75).

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.

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 favourite 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 programme 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 programme.

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.*

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.*

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 equaliser

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 programmes that broadcast on the FM waveband have a programme identification (PI) code, which can be recognised 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.

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 behaviour 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 centred on major towns or cities. When the network is not split into regional variants, the whole network caries the same programming.

Regional mode ON: This prevents 'random' AF switches when neighbouring regional networks are not carrying the same programming.

Regional mode OFF: This allows a larger coverage area if neighbouring 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 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.

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 (MPEG 1 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.

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-finalised 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

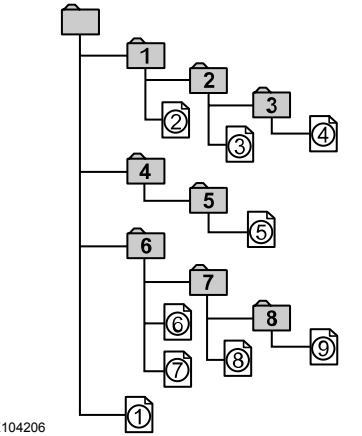
- If an MP3 file is in the disc, only MP3 file(s) play back and other data is skipped. (Audio CD data is not recognised.)
- If no MP3 file is in the disc, nothing is played back. (Audio CD data is not recognised.)

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.)



E104206

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.

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.

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:

- 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.

Auxiliary input (AUX IN) socket

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 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 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.

GENERAL INFORMATION

Press the relevant button on the unit bezel to access the system functions. This will take you into the selected mode.

One hour mode

To conserve battery power, the system can be operated in one hour mode. If the ignition is off, press the ON/OFF button to switch the system on. The system will automatically switch off after one hour.

System notes

WARNINGS

The indicated maximum speed may not be applicable to your vehicle. It is always your responsibility to control the vehicle, supervise any system and obey the correct speed limit.

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.

The unit is a highgrade laser product which uses an invisible laser beam. If this is handled incorrectly it can emit dangerous rays. Do not attempt to look through any openings in the unit.

CAUTIONS

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.

Do not clean the unit with solvents or aerosol cleaning agents. Use only a damp cloth.

CAUTIONS

Do not insert foreign objects into any of the unit disc drives or media card slots.

Do not insert more than one disc into the unit disc drive.

Use only 12 cm (4.7 inches) discs or 8 cm (3.1 inches) discs with a suitable adaptor.

Do not attempt to open the unit. If the unit malfunctions consult your dealer.

Improper use of settings and connections, other than those explained in this handbook, can damage the unit.

Do not turn the ignition key or attempt to start the engine while the software is updating.

The system is recommended for use when the ignition key is turned to the accessory position or when the engine is running. If the system is used extensively when the engine is not running, care needs to be taken to avoid draining the battery.

ROAD SAFETY

WARNINGS

The system provides you with information designed to help you reach your destination quickly and safely.

For reasons of safety, the driver should only program the system when the vehicle is stationary.

The system provides no assistance with respect to stop signs, traffic lights, areas under construction or other important safety information.

WARNINGS


Do not use the system until you have familiarised yourself with its operation.


Only view the system display when driving conditions permit.

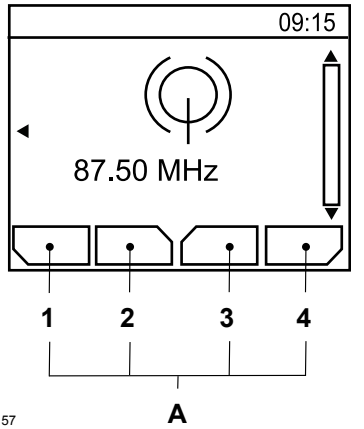
Safety information

Read and follow all stated safety precautions. Failure to do so may increase your risk of collision and personal injury. Ford Motor Company shall not be liable for any damages of any type arising from failure to follow these guidelines.

If detailed viewing of route instructions is necessary, pull off the road when it is safe to do so and park your vehicle.

Do not use the navigation system to locate emergency services.

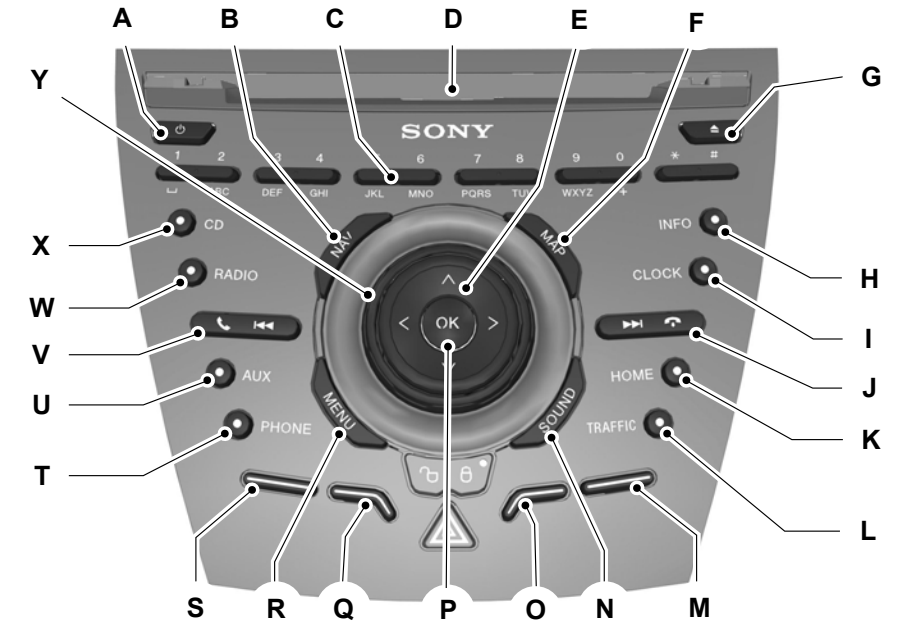
To use the system as effectively and safely as possible, always use the latest navigation information. Your dealer will be able to assist with this.



A Descriptions for function buttons 1-4

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.

Vehicles with Sony CD-SD navigation system



A On/off control. See **On/off control** (page 194).

B Navigation select. See **System settings** (page 211).

C Telephone keypad, station presets and destination input. See **Audio unit operation** (page 194). See **Audio unit menus** (page 197).

D CD aperture.

E Navigation arrows.

F Map select. See **Route displays** (page 214).

G CD eject.

H Information.

I Clock. See **System settings** (page 211).

J Seek up. CD track selection. end call. See **Station tuning control** (page 194). See **Track selection** (page 199).

K Home select. See **System settings** (page 211).
L Traffic announcement. See **Traffic Message Channel** (page 215).
M Function 4.
N Sound select. See **Sound button** (page 194).
O Function 3.
P OK.
Q Function 2.
R Menu select. See **System settings** (page 211). See **General Information** (page 75).
S Function 1.
T Phone select.
U Auxiliary select. See **Auxiliary input (AUX IN) socket** (page 203).
V Seek down. CD track selection. accept call. See **Station tuning control** (page 194). See **Track selection** (page 199).
W Radio select. See **Audio unit operation** (page 194). See **Audio unit menus** (page 197).
X CD select. See **Compact Disc Player** (page 199).
Y Volume control.

LOADING THE NAVIGATION DATA

Loading the navigation data



E129900

1. Load the navigation SD card into the aperture.
2. Press the NAV button. The road safety warning will be shown in the display.
3. Use the up and down arrow buttons to select the required feature.
4. Press the OK button to confirm your selection.

For map updates and system upgrades please refer to your dealer.

Vehicles with Sony CD-SD navigation system

The system has a large range of features, yet is easy and intuitive to use. Route guidance is shown on the display screen. The screen provides full information for operating the system through the use of menus, text screens and map displays. Screen selections are made by scrolling through the menus using the up, down, left and right arrow buttons and pressing the **OK** button to activate the desired setting.

Basic operation

1. Press either the **NAV** or **MENU** button to enter the menu structure.
2. Use the up, down, left and right arrow buttons and scroll through the various selection lists.
3. Press the **OK** button to activate your selection.

Selection lists

Various screens are presented which offer a selection list of available options.

1. Select the option you require, or if it is not shown on the screen use the up and down arrow buttons to view the remainder of the selection list.
2. Press the **OK** button to confirm your selection.

Alphanumeric keypad entry

When it is necessary to enter an address, a keypad will appear prompting you to enter a postcode, city, or street.

1. Use the up, down, left and right arrow buttons to select the letter or number that you require.

Note: *As you spell the entry the results will appear in the display.*

Note: *The system will limit your entries to only those characters which spell a valid entry.*

2. Press the **OK** button to activate your selection.

Note: *The telephone kepypad can also be used to enter the address.*

Route setting example

Navigation main screen

- To select the navigation system, press the **NAV** button. The road safety caution will be displayed. To use the system, read the caution and press the **OK** button.

Destination input screen

- Use the up and down arrow buttons and scroll to **Destination input**.
- Press the OK button to activate your selection.

Note: *A list with several options is shown.*

- Starting from the top, select the country followed by either the postcode if available or city and street name.
- Use the alphanumeric keypad and selection lists to select your address details.
- Once sufficient information has been entered, scroll to **Start guidance** and press the **OK** button to activate your selection.

Note: *If you only need to navigate to a city centre for example, full address details are not required.*

- The route is now calculated and the screen returns to the main navigation screen with instructions on how to proceed.
- Follow the screen information and voice prompts to reach your destination.

Most of the important settings for your navigation unit can be accessed via the **MENU** or **NAV** button. The following section describes the various options and how to use them.

For menu structures: See **Information Displays** (page 75).

Menu structure - Information and entertainment display - Vehicles with navigation system

Route

This feature allows you to customise the route to your specific journey requirements (for example continue route guidance, block specific sections of your route or select specific sections of a route).

Destination input

This feature allows you to enter your destination details (for example enter city names, enter street names or pick a place from a map).

Traffic

This feature allows you to customise how you receive traffic information (for example review and sort traffic messages, review your route or block parts of your route).

Home address

This feature allows you to start the route guidance to your home address or change the details of your home address.

Note: *On Vehicles with a Sony CD-SD navigation system, press the **HOME** button and the system will automatically start route guidance to the listed home address.*

Last destinations

This feature allows quick access to a history of previous destinations entered in the system. A detailed display will show the complete stored information including an overview map. Select the required repeat destination from the list.

Favourites

This feature allows you to customize a personal destination address book and assign user defined names to addresses and locations. A detailed display will show the complete stored information including an overview map. Select the required repeat destination from the list.

Points of interest

This feature allows you to customise the route to your specific journey requirements (for example select a museum on route or a specific point of interest near your destination).

Tour planning

This feature allows you to enter 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

This feature allows you to store and name your current position.

Route options

This feature allows you to customise the route to your specific journey requirements (for example select the fastest or most economical route or select a route that will avoid tunnels, seasonal roads and toll roads).

Special functions

This feature allows you to select GPS and system information or a demonstration of the system functionality.

Map display

This feature allows you to change the way the map screen is displayed (for example clean 2D and clean 3D view) and to customise display information for your journey (for example time to arrival and lane guidance).

Assistance options

This feature allows you to customise display information for your journey (for example signs, lanes and speed limits).

Personal data

This feature allows you to edit and delete personal data (for example your home address).

Reset all settings

This feature allows you to reset the navigation settings.

Menu structure - Information and entertainment display - All vehicles

Audio settings

Adaptive volume

This feature allows you to adjust the volume level to compensate for engine and road speed noise. You can turn this on and off.

Sound

This feature allows you to adjust the sound settings (for example bass and treble).

DSP occupancy

This feature allows you to customise speaker output relevant to seat positions.

DSP equaliser

This feature allows you to select the music category that most suits your listening preference. The audio output will change to enhance the particular style of music chosen.

Clock settings

Set time

This feature allows you to manually adjust the time.

Set date

This feature allows you to manually adjust the date, month and year.

24-hour mode

This feature allows you to adjust the system between 12 and 24-hour mode.

ROUTE OPTIONS MENU

You can set a number of options which alter the way a route is planned.

Using the up, down, left and right arrow buttons, you can select from the list which road features are to be avoided or included in the route by turning the feature on or off.

Route

Eco

This option will prioritise the most economical route to the destination.

Fast

This option will prioritise the fastest route to the destination.

Short

This option will prioritise the shortest route to the destination..

Always ask

Use this feature to make sure that you are always given the choice of route type selection for your journey.

Driver

Leisurely

This option will prioritise the route for a leisurely driver to the destination.

Normal

This option will prioritise the route for a normal driver to the destination.

Fast

This option will prioritise the route for a fast driver 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 (TMC) signal, the route will be automatically updated to take into account real time traffic incidents or congestion.

Note: *This feature can be useful in avoiding delays or hold ups on journeys.*

Motorway

When switched on the system will look for motorways on your route and automatically update your route distance and timings.

Note: *This feature can be useful in avoiding delays or hold ups on journeys.*

Ferry/motorail

When switched on the system will look for ferry crossings and motorail facilities on your route and automatically update your route distance and timings.

Toll

When switched on the system will look for toll roads on your route and automatically update your route distance and timings.

Seasonal roads

When switched on the system will look for seasonal roads on your route and automatically update your route distance and timings.

Note: *This feature can be useful in avoiding delays or hold ups on journeys.*

Toll sticker

When switched on the system will automatically select toll roads and update your route distance and timings.

ROUTE DISPLAYS

Map display

Press the **MAP** button for a map view.

This view will show your current location with your vehicle in the centre 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 the relevant function buttons to change the map scale and using the left and right arrow buttons zoom in or out. The current map scale is shown on the display.

Map scale settings may be set between 50 metres to 500 kilometres or 0.05 miles to 500 miles, with an auto setting to the far left. The auto setting continuously changes the map scale according to the road type being driven.

Junction 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 manoeuvres. Shortly after the zoom scale will return to the previous level.

Select AUTO to activate junction zoom.

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. Slightly more detailed information on your route may be available via the main navigation screen if required.

WARNING

Do not rely on the screen prompts when navigating. Always listen to the navigation voice and take care not be distracted from the road ahead.

PRINCIPLE OF OPERATION

Traffic message channel (TMC) stations are broadcast on the FM waveband. TMC is a feature that receives traffic alerts which can be used to plan alternative routes and avoid hold ups.

USING TMC

Press the **TA** or **TRAFFIC** button to show the traffic menu page.

Traffic announcement

Traffic announcement (TA) can be turned on or off via this menu. If switched on a **TA** indicator is shown in the information border of the status bar.

Stations which broadcast on the FM waveband and carry traffic programme (TP) information are identified by **TP** shown in the screen display. With TA switched on the unit will respond to these announcements and interrupt music playback. After the announcement has ended music playback will resume.

Ending traffic announcements

The unit will return to normal operation at the end of each traffic announcement. To end the announcement prematurely, press the **TA**, **TRAFFIC**, **RADIO** or **CD** button during the announcement.

Using TMC messages

Select the required item to display a list of TMC messages. See **General Information** (page 75). This is only an overview display which gives very basic information. Select the message you require further information on and another screen will be displayed giving full message details on incident location etc.

You may either select a view which shows messages only affecting your programmed route, or a view which shows all messages received. Press function button 1 to change the view.

Hazard spot warning (depending on country)

Note: *The availability of this feature will vary from country to country.*

The system supports a hazard spot warning feature which informs you with visible and audible feedback about hazardous traffic areas. The system is off by default. You can switch the system on and off using the information display. See **Information Displays** (page 75).

Map updates

The road network is constantly changing due to new roads, changes in road classification, etc. Therefore, it is not always possible to exactly match the map data in the system to the current road network.

Map information is regularly updated, but all areas are not necessarily covered to the same level of detail. Some roads, in particular private roads, may not be included on the database. To help with accuracy, always use the latest version navigation disc. Your dealer will be able to provide this.

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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TYPE APPROVALS

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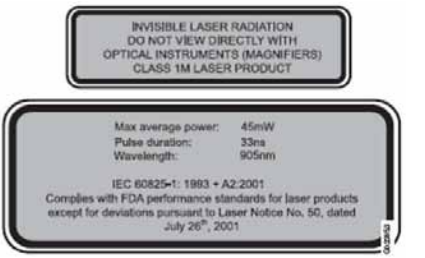
TYPE APPROVALS

Laser sensor



WARNINGS

Invisible laser radiation. Do not view directly with optical instruments (magnifiers). Class 1M laser product.

WARNINGS

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.

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.

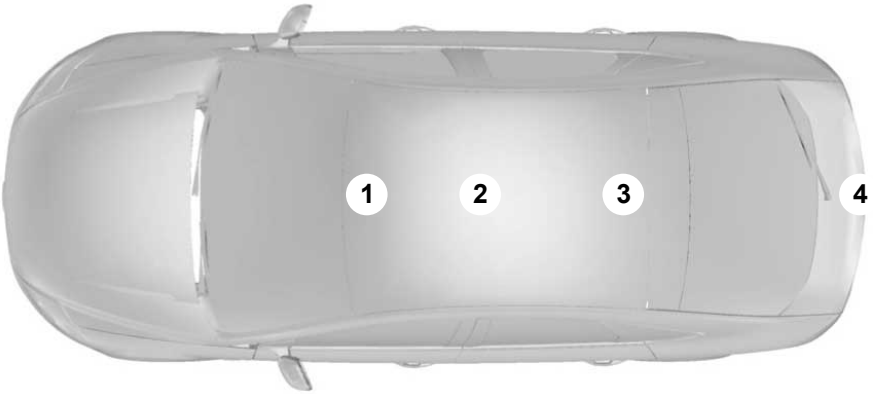
WARNINGS

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 centimetres (4 inches) from any electronic modules and airbags.



E85998

Frequency Band MHz	Maximum output power Watt (Peak RMS)	Antenna Positions
1 – 30	50 W	3, 4
30 – 54	50 W	1, 2, 3
68 – 87.5	50 W	1, 2, 3
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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