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ABOUT THIS HANDBOOK

Thank you for choosing Ford. We recommend that you take some time to get to know your vehicle by reading this handbook. 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 handbook describes product features and options available throughout the range, sometimes even before they are generally available. It may describe options not fitted to your vehicle.

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

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

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

This vehicle has received the endorsement of TÜV, the accredited international testing organisation, for its allergy-friendly properties.

All materials used in the manufacture of the interior of this vehicle meet strict requirements of the TÜV TOXPROOF Criteria Catalogue for Vehicle Interiors by TÜV Produkt and Umwelt GmbH and are designed to minimize the risk of allergic reactions.

Additionally an efficient pollen filter protects the passengers against allergen particles in the outdoor air.

For more information, contact TÜV at www.tuv.com.

SYMBOLS GLOSSARY

Symbols in this handbook

WARNING

Your risk of death or serious injury to yourself and others if you do not follow the instructions highlighted by the warning symbol.

CAUTION

You risk damaging your vehicle if you do not follow the instructions highlighted by the caution symbol

Symbols on your vehicle





When you see these symbols, read and follow the relevant instructions in this handbook before touching or attempting adjustment of any kind.

PARTS AND ACCESSORIES

Now you can be sure that your Ford parts are Ford parts

Your Ford has been built to the highest standards using high quality Ford Original Parts. As a result, you can enjoy driving for many years.

Should the unexpected occur and a major part needs replacing, we recommend that you accept nothing less than Ford Original Parts.

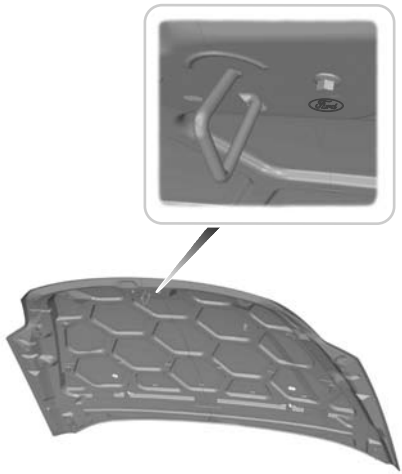
The use of Ford Original Parts ensures that your vehicle is repaired to its pre-accident condition and maintains its maximum residual value.

Ford Original Parts match Ford's stringent safety requirements and high standards to fit, finish and reliability. Quite simply, they represent the best overall repair value, including parts and labour costs.

Now it is easier to tell if you have really been given Ford Original Parts. The Ford logo is clearly visible on the following parts if they are Ford Original Parts. If your vehicle has to be repaired, look for the clearly visible Ford branding and make sure that only Ford Original Parts have been used.

Look for the Ford logo on the following parts Sheet metal

- Bonnet
- Doors
- Luggage compartment lid or tailgate
- Wing



E131722

Bumper and radiator grille

- Radiator grille
- Front and rear bumper



E131723

Exterior mirror



E131724

Glass

- Rear window
- Side glass
- Windscreen



E88507

Lighting

- Rear Lamps
- Headlamp



E131725

PROTECTION FEATURES FOR SAFER DRIVING

The risk of injury from traffic accidents can never be completely eliminated, but it can be reduced with the aid of modern technology.

For example, in addition to front and rear crash absorbing zones, your vehicle also has lateral impact protection areas in the side doors.

The safety restraint system with front airbag(s) offers protection in the event of a frontal collision. The safety seats should prevent you sliding under the belts. These features are designed to help reduce the risk of injury.

Remember these safety features may never be needed if you always stay alert and drive cautiously.

WARNINGS

Please read the section Airbag. Misuse of the air bag can result in injuries.

NEVER install any child restraint (eg. baby capsule, child seat or booster seat) in the front seat where a passenger air bag is fitted, as serious injury or death may result from the force of the inflating front passenger air bag. The rear seat is the safest place for children.

SAFETY FROM ELECTRONICS

For your safety, your vehicle is fitted with sophisticated electronic controls.

WARNINGS



By operating other electronic equipment (eg. mobile telephone without exterior aerial) electromagnetic fields can occur which can cause malfunctions of the vehicle electronics. You should therefore observe the instructions of the equipment manufacturers.

RUNNING IN

There are no compulsory running in rules for your vehicle. Simply avoid driving too briskly during the first 1,500 Km. Vary the speed frequently and avoid labouring the engine. This is necessary to give the moving parts a chance to bed in.

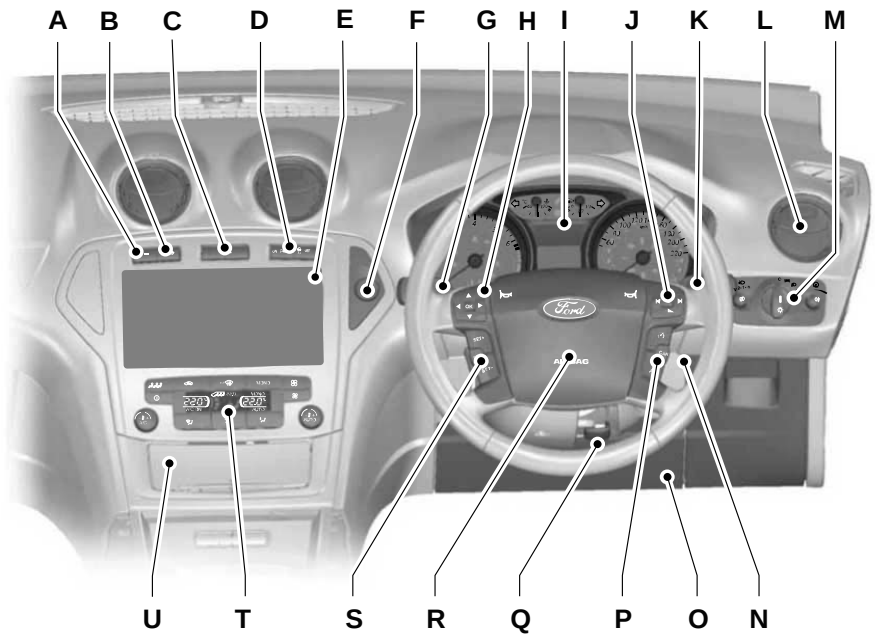
If possible, you should avoid heavy use of the brakes for the first 150 Km in town and for the first 1,500 Km on open roads.

From 1,500 Km onwards you can gradually increase the performance of your vehicle up to the permitted maximum speeds.

Avoid using high engine speeds. You will then protect your engine, reduce fuel consumption, lower the engine noise level and help to reduce the environmental burden.

We wish you safe and pleasurable driving with your Ford vehicle.

Instrument panel overview

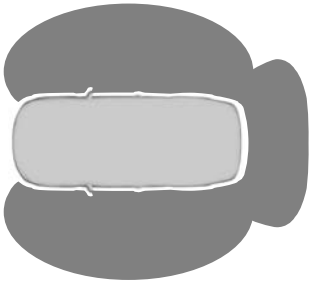


E87720

A	Stability control (ESP) switch. See **Using stability control** (page 133).
B	Parking aid switch. See **Using the parking aid** (page 137).
C	Hazard warning flasher switch. See **Hazard warning flashers** (page 55).
D	Heated windscreen and heated rear window switches . See **Heated windows and mirrors** (page 106).
E	Audio unit. See **Audio unit** (page 200).
F	Start button. See **Keyless starting** (page 118).
G	Direction indicators. See **Direction indicators** (page 57). Telephone control buttons. See **Telephone controls** (page 223). Voice control buttons. See **Using voice control** (page 227). Lane departure warning control buttons. See **Lane departure warning** (page 152).
H	Information display controls. See **Information displays** (page 82).

I	Instrument cluster. See **Gauges** (page 76).
J	Audio controls. See **Audio control** (page 45).
K	Wiper lever. See **Windscreen wipers** (page 46).
L	Air vents. See **Air vents** (page 101).
M	Lighting controls. See **Lighting control** (page 50).
N	Ignition switch. See **Ignition switch** (page 118).
O	Driver knee airbag. See **Occupant protection** (page 28).
P	Cruise control and speed limiter switches. See **Using cruise control** (page 139). Adaptive cruise control switches. See **Using ACC** (page 142). Speed limiter switches. See **Using the speed limiter** (page 147).
Q	Steering wheel adjustment lever. See **Adjusting the steering wheel** (page 45).
R	Horn.
S	Cruise control and speed limiter switches. See **Using cruise control** (page 139). Adaptive cruise control switches. See **Using ACC** (page 142). Speed limiter switches. See **Using the speed limiter** (page 147).
T	Climate controls. See **Manual climate control** (page 102). See **Automatic climate control** (page 104).
U	Cigar lighter. See **Cigar lighter** (page 114).

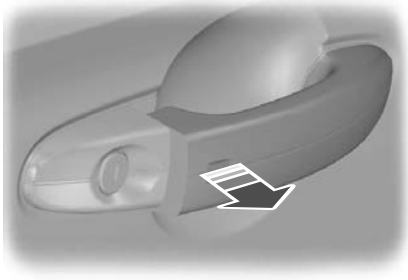
Keyless entry (where fitted)



E78276

Passive locking and unlocking requires a valid passive key to be located within one of the three external detection ranges.

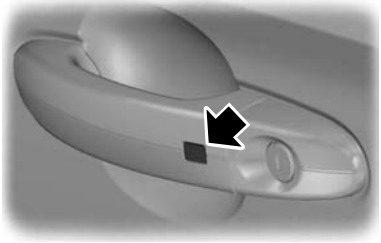
Unlocking the vehicle



E78278

Pull a door handle to unlock all the doors and the luggage compartment lid and disarm the alarm.

Locking the vehicle



E87384



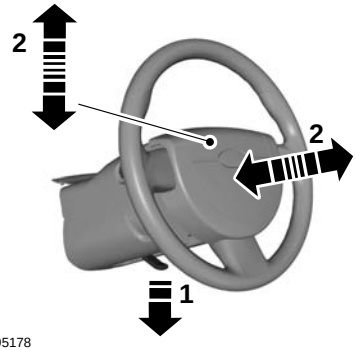
E87435

See **Keyless entry** (page 39)

Adjusting the steering wheel

WARNING

Never adjust the steering wheel when the vehicle is moving.



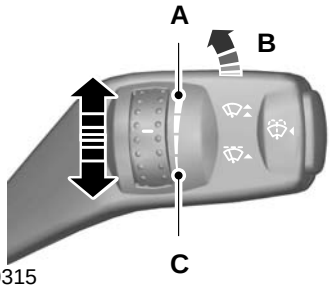
E95178



E95179

See **Adjusting the steering wheel** (page 45)

Autowipers (where fitted)



E70315

A High sensitivity

B On

C Low sensitivity

Adjust the sensitivity of the rain sensor using the rotary control.

See **Autowipers** (page 46)

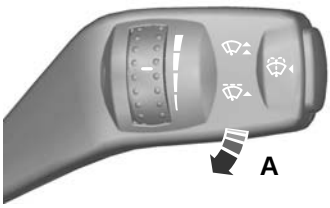
Changing the wiper blades

CAUTION

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.



E85833



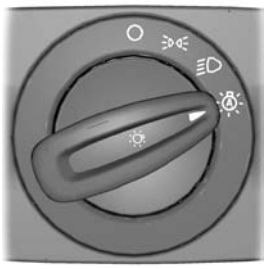
E75188

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.

See **Changing the wiper blades** (page 48)

Autolamps (where fitted)



E70719

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

See **Lighting control** (page 50)

Automatic main beam control (where fitted)

WARNING

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.

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.

See **Automatic main beam control** (page 51)

Electric windows

Note: To reduce wind noise or buffeting when just one window is open, open the opposite window slightly.

See **Electric windows** (page 69)

Electric folding mirrors (where fitted)



E72623

See **Electric exterior mirrors** (page 71)

Reverse mirror dipping

Depending on the selected mirror position, the relevant exterior mirror will dip whenever you select reverse gear, giving you a view of the kerb.

When you first use this feature, the mirrors will dip to a preset position. You can programme the degree of dipping.

See **Electric exterior mirrors** (page 71)

Blind spot information system (BLIS) (where fitted)

WARNING

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.

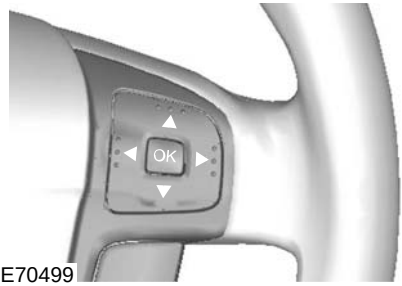
The system displays a yellow indicator located in the exterior mirrors.



E124736

See **Blind spot monitor** (page 73)

Information displays



E70499

Use the arrow buttons to navigate through the menus and press OK to make a selection.

See **Information displays** (page 82)

Manual climate control

Recommended settings for cooling



E131534

Open the centre and side air vents.

Direct the centre air vents upwards and the side air vents toward the side windows.

Recommended settings for heating



E131535

Close the centre air vents and open the side air vents.

Direct the side air vents toward the side windows.

Defrosting and demisting the windscreen



E71382

See **Manual climate control** (page 102)

Automatic climate control (where fitted)



E91391

See **Automatic climate control** (page 104)

Engine idle speed after starting

The engine may idle at a higher speed than normal immediately after starting from cold.

See **Starting the engine** (page 118)

Keyless starting



E85766

Press the start 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 start button for two seconds, or press three times within three seconds.

See **Keyless starting** (page 118)

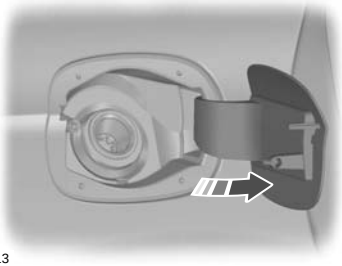
Diesel particulate filter (DPF)

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.

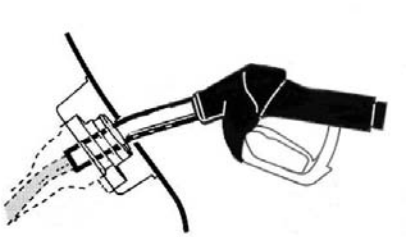
See **Diesel particulate filter (DPF)** (page 122)

Fuel filler flap



E86613

Press the flap to open it. Open the flap fully until it engages.

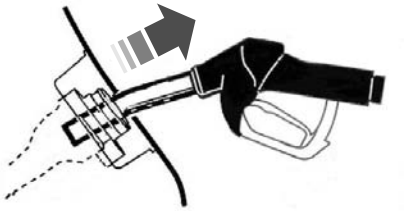


E119080

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

WARNING

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



E119081

Slightly raise the fuel nozzle to remove it.

See **Fuel filler flap** (page 125)

Automatic transmission

Note: Do not press the brake pedal when removing the key from the ignition switch.

Selector lever positions

WARNING

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



E80836

P Park

R Reverse

N Neutral

D Drive

S Manual shifting and sport mode

See **Automatic transmission** (page 128)

Speed limiter

The system allows you to set a speed, to which the vehicle then becomes limited.

See **Speed limiter** (page 147)

Driver alert

WARNING

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

The system calculates an alertness score which can be displayed on the information display. If the system detects that you are becoming drowsy or there is deterioration in your driving style then warnings will be issued.

See **Driver alert** (page 149)

Lane departure warning

WARNING

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

Activate the system using the switches on the indicator stalk.



E131360

A Lane departure warning on

B Lane departure warning off

See **Lane departure warning** (page 151)

Towing the vehicle on four wheels

CAUTION

For certain engine and transmission combinations, it is recommended not to tow the vehicle with the drive wheels on the ground.

See **Towing the vehicle on four wheels** (page 174)

CHILD RESTRAINTS

WARNING

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

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

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

Note: The rear seats are the safest place for children.

WARNINGS

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



E68916

Secure children that are less than 150 centimetres tall or less than 12 years of age in a suitable, approved child restraint, in the rear seat.

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.

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

If your vehicle has been involved in an accident, have the child restraints checked by properly trained technicians.

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

Selecting a child restraint system

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

1. **The child restraint system complies with Australian Standard AS1754.**

Infants and small children must be properly restrained at all times in an approved child restraint which conforms to Australian Standard AS1754-1991 or later. Look for the Australian Standards Approval Mark on the child restraint.

2. **The child restraint must be suitable for the size and weight of the child and must be properly fitted and adjusted.**

Rearward facing restraints are suitable for babies, and forward facing child restraints are suitable for small children. Use the child restraint exactly as shown in the instructions provided with the child restraint. If you have any doubts, contact the child restraint manufacturer or consult an approved Restraint Fitting Station.

Baby safety seat



E68918

WARNING

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

Child safety seat



E68920

3. **The child restraint system should fit the vehicle seating position (or positions) where it will be used.**

Due to variations in the design of child restraint systems, vehicle seats and seat belts, all child restraint systems may not fit all seating positions. Before purchasing a child restraint system, it is recommended that the child restraint system is tested in the specific vehicle seating position (or positions) where it is intended to be used. If a previously purchased child restraint does not fit, you may need to purchase a different one that will fit.

INSTALLING A CHILD RESTRAINT

WARNINGS

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



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

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

All child restraint systems, except booster seats, are designed to be installed with the vehicle seat belt system and a top tether strap. Booster seats only require the use of the vehicle lap-sash belts. After installing a child restraint system, push and pull the system forward and back and from side to side to verify that it is secured.

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

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

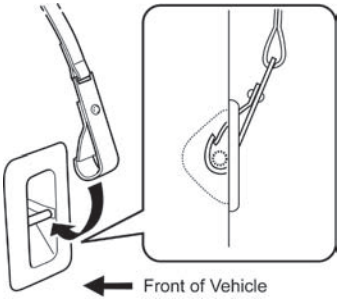
The rear seats are the safest place for children. The side curtain air bags will not interfere with the children restrained using a properly installed child restraint or booster seat, because they are designed to inflate downward from the headliner above the doors along the side window openings.

Child restraint anchorage fitting locations

WARNING

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

The anchor fittings are only suitable for child restraints conforming to Australian Standards AS1754-1991 or later. If your child restraint does not have an approved latched hook attaching clip as shown, you should consult an approved Restraint Fitting Station.



The diagram shows the correct assembly and orientation of the attaching clip to anchor fittings.

WARNINGS

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

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

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



E87146



E93616



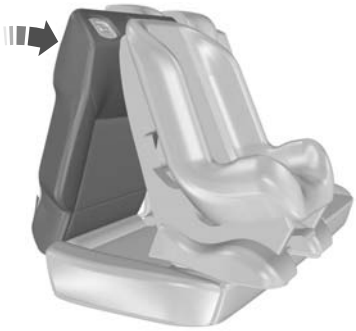
E93514

Attaching a child seat with top tethers

WARNING

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

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



E87591

1. Place the child seat on the back seat cushion and fold the relevant seatback forwards. See **Rear seats** (page 112).
2. Remove the head restraint. See **Head restraints** (page 112).

WARNING

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

3. Route the tether strap to the anchor point.

WARNING

Make sure that the seatback is secure and fully engaged in the catch.

4. Push the seatback to the upright position.
5. Tighten the tether strap in line with the child seat manufacturer's instructions.

After installing a child restraint system, push and pull the system forward and backward and from side to side to verify that it is secured. Be sure to read the instructions provided by the child restraint manufacturer. If you have any doubts contact your Ford dealer or the child restraint manufacturer or consult an approved Restraint Fitting Station.

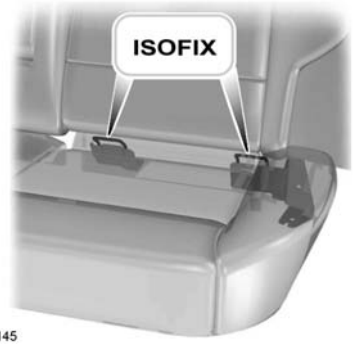
ISOFIX ANCHOR POINTS

WARNING

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

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

The ISOFIX system comprises two rigid attachment arms on the child restraint that attach to anchor points on the outboard rear seats, where the cushion and backrest meet. Tether anchor points are fitted behind the outboard rear seats for child restraints with a top tether.



E87145

BOOSTER CUSHIONS

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 but are less than 150 centimetres 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 112).

Booster seat



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



E68924

CHILD SAFETY LOCKS

WARNING

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

Manual child safety locks

Note: On vehicles with keyless entry, use the spare key. See **Keyless entry** (page 39).



E112197

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.

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 110).

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.

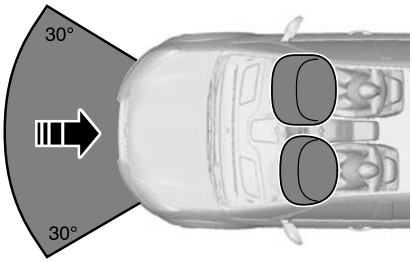
Do not poke sharp objects into areas where airbags are fitted. This could damage and adversely affect deployment of the airbags.

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.

Driver knee airbag

CAUTION

Do not attempt to open the driver knee airbag cover.

The driver knee airbag will deploy during frontal collisions or collisions that are up to 30 degrees from the left or the right.

The airbag will inflate within a few thousandths of a second and deflate on contact with the occupants, thus providing a cushion between the driver's knees and the steering column. During overturns, rear collisions and side collisions, the knee airbag will not deploy.

For item location: See **Quick start** (page 11).

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

Side airbags

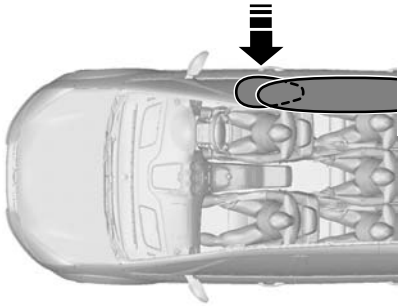


E72658

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

The side airbags will deploy during significant lateral collisions. 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. 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 110).

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 retractors 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.

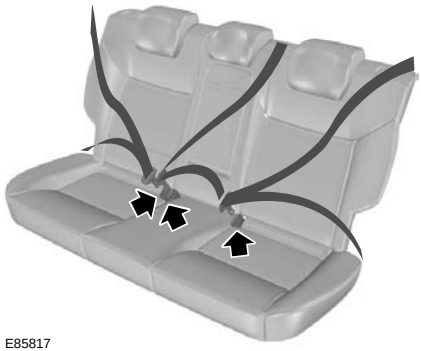
FASTENING THE SEAT BELTS

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 and warning lamp will go off after seven minutes.

USING SEAT BELTS DURING PREGNANCY

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



WARNING

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

GENERAL INFORMATION ON RADIO FREQUENCIES

WARNING

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

Note: 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.

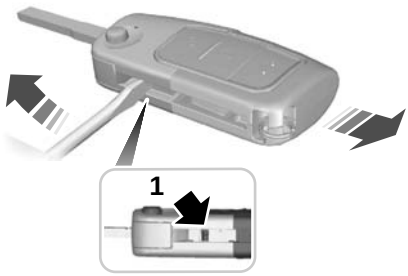
Press and hold the unlock and lock buttons on the remote key simultaneously for at least four seconds with the ignition off. The direction indicators will flash twice to confirm the change.

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



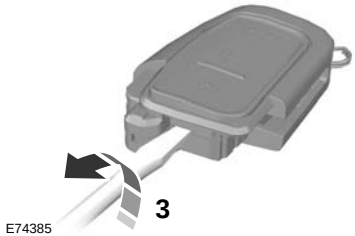
E74383

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



E74384

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



E74385

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

CAUTION

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

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

Remote control without a folding key blade



E87964

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



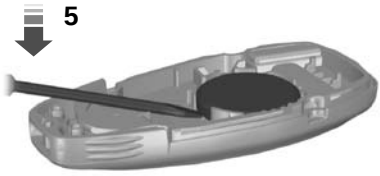
E105362

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

Central locking

You can only centrally lock the doors if they are all closed.

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

Note: Central locking also locks and unlocks the fuel filler flap.

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.



E71961

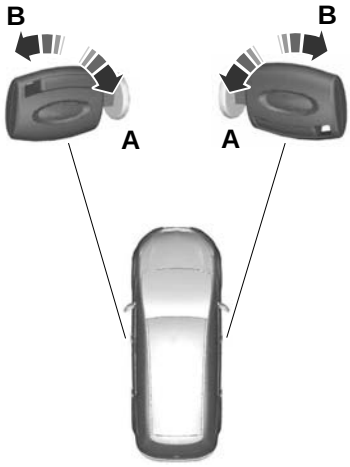
Double locking is a theft protection feature that prevents someone from opening the doors from the inside. You can only double lock the doors if they are all closed.

Locking and unlocking confirmation

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

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

Locking and unlocking the doors with the key



E71962

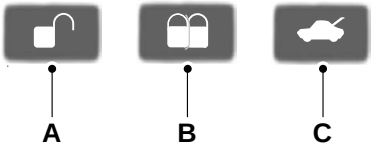
A Unlock

B Lock

Double locking the doors with the key

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

Locking and unlocking the doors and the luggage compartment lid with the remote control



E87379

A Unlock

B Lock

C Luggage compartment lid unlock

Locking the doors and the luggage compartment lid with the remote control

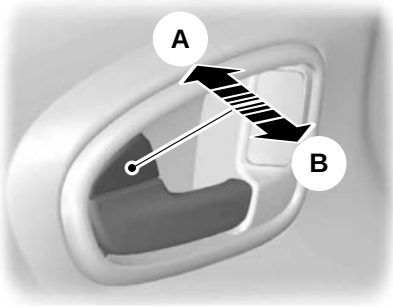
Press the button **B** once.

Double locking the doors and the luggage compartment lid with the remote control

Press the button **B** twice within three seconds.

Locking and unlocking the doors from inside

Driver's door



E71958

A Lock all doors

B Unlock all doors

Front and rear passenger doors



E98653

To lock the front and rear passenger doors individually, press the button and close the door when leaving the vehicle.

Luggage compartment lid

Opening the luggage compartment lid with the remote control

Press button **C** on the remote control twice within three seconds.

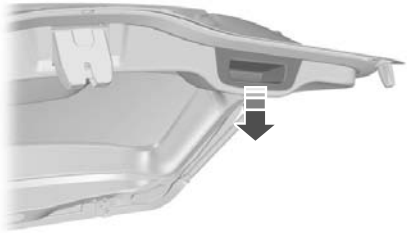
Closing the luggage compartment lid

5-door



E89132

Wagon



E89133

A recessed grip is incorporated inside the luggage compartment lid to facilitate closing.

Automatic relocking

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

Reprogramming the unlocking function

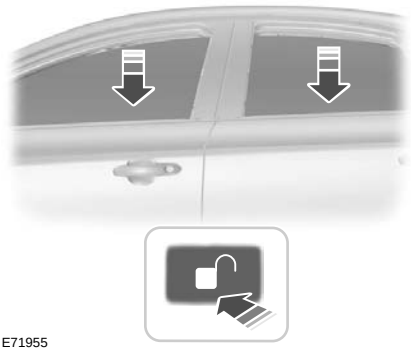
The unlocking function may be reprogrammed so that only the driver's door is unlocked. See **Programming the remote control** (page 32).

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 closing will only operate if you have set the memory correctly for each window. See **Electric windows** (page 69).

Global opening



E71955

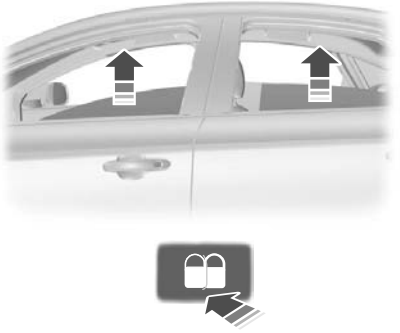
To open all the windows, press and hold the **unlock** button for at least three seconds. Press either the lock or the **unlock** button again to stop the opening function.

Global closing

Vehicles without keyless entry

WARNING

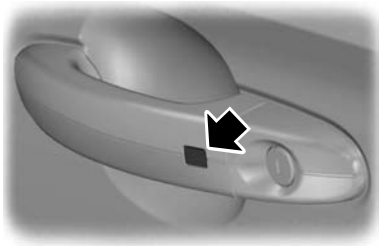
Take care when using global closing. In an emergency, press a button immediately to stop.



E71956

To close all the windows, press and hold the lock button for at least three seconds. Press any button again 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, press the button on the driver's door handle to stop.

Note: Global closing can be activated using the button on 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 button on the driver's door handle for at least two seconds. The anti-trap function is also active during global closing.

KEYLESS ENTRY (where fitted)

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.

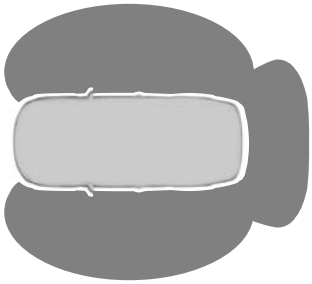
Note: If the door handles are pulled repeatedly during a short period of time without the presence of a valid passive key, the system will become inoperable for 30 seconds.

The passive entry system will not function if:

- 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.



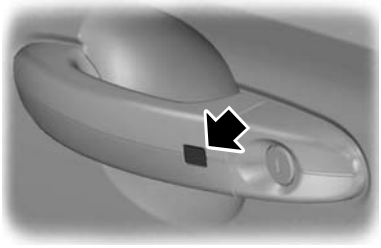
E78276

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.

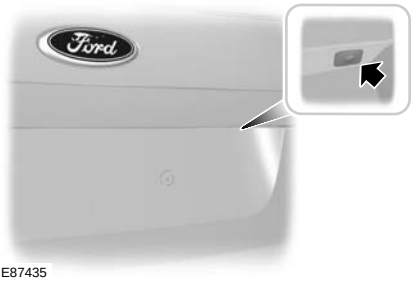
Passive key

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

Locking the vehicle



E87384



E87435

WARNING

The vehicle does not lock itself automatically. If no locking button is pressed, the vehicle will remain unlocked.

Note: If locking from the luggage compartment lid, the passive key must be within the luggage compartment lid detection range.

Locking buttons are located on each of the front doors and the luggage compartment lid.

To activate central locking and arm the alarm:

- Press a locking button once.

To activate double locking, to arm the alarm and the interior sensors:

- Press a locking button twice within three seconds.

Note: Once activated, the vehicle will remain locked for approximately three seconds. This is to allow you to pull a door handle and check if the vehicle is locked. When the delay period is over, the doors can be opened again, provided the passive key is within the respective detection range.

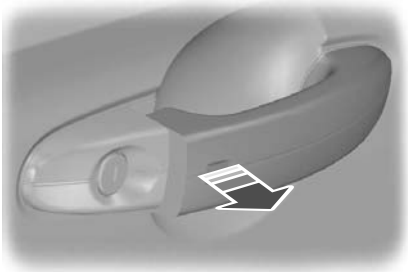
Luggage compartment lid

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

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

Unlocking the vehicle

Note: If the vehicle remains locked for longer than five days, the 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.



E78278

Pull one of the door handles or the luggage compartment lid handle.

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, the luggage compartment lid and the fuel filler flap 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 is unlocked (See **Keys and remote controls** (page 32)), note the following:

If the driver's door is the first door which is opened, the other doors and the luggage compartment lid will remain locked. All the other doors can be unlocked from inside the vehicle by pressing the unlock button next to the driver's door handle. Doors can be unlocked individually by pulling the interior door handles on those doors.

If the front passenger door or one of the rear doors is the first door which is opened, all the doors and the luggage compartment lid will be unlocked.

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.

Engine immobiliser

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.

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.

If the message **Immobiliser active** appears in the information display, your key has not been recognised. Remove the key and try again.

If you are unable to start the engine with a correctly coded key, this indicates a malfunction. The message **Immobiliser active** will appear in the information display when you switch on the ignition. Have the immobiliser checked immediately.

PRINCIPLE OF OPERATION

Alarm system

Your vehicle may be equipped with one of the following alarm systems:

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

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.

Interior sensors

Vehicles with sunroof



E71401

Vehicles without sunroof



E131656

WARNING

The sensors must not be covered up. Do not activate the alarm with full guard if any persons, animals or other moving objects are inside the vehicle.

The sensors act as a deterrent against unauthorised intrusion by sensing any movement within the vehicle.

Battery back-up sounder

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

Tilt sensors

The tilt sensors detect if someone attempts to steal a wheel or tow the vehicle away by sensing changes in the inclination of the vehicle.

Note: When travelling on a ferry with the alarm armed, deactivate the tilt sensors by selecting reduced guard. This will prevent the alarm from being triggered by the movement.

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 interior sensors detect movement within the vehicle.
- On vehicles with a battery back-up sounder, if someone disconnects the vehicle battery or the battery back-up sounder itself.
- If the tilt sensors detect a change in the inclination of the vehicle.

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

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

ARMING THE ALARM

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

DISARMING THE ALARM

Vehicles without keyless entry

Perimeter alarm

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

Category one alarm

Disarm and silence the alarm by unlocking the doors with the key and switching the ignition on with a correctly coded key within 12 seconds, or unlocking the doors 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 39).

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.

Category one alarm

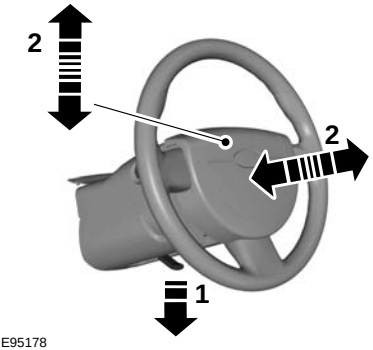
Disarm and silence the alarm by unlocking the doors and switching the ignition on within 12 seconds, or unlocking the doors or the luggage compartment lid with the remote control.

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 110).



E95178

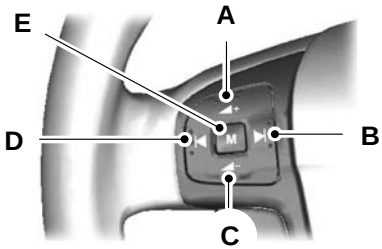


E95179

WARNING

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

AUDIO CONTROL



E72288

A Volume up

B Seek up

C Volume down

D Seek down

E Mode

Mode

Press and hold the mode button to select the audio source.

Press the mode button to:

- Tune the radio to the next preset station
- Play the next CD
- Accept an incoming telephone call.
- End a telephone call.

Seek

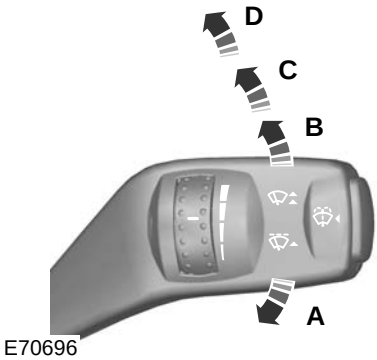
Press a seek button to:

- Tune the radio to the next station up or down the frequency band
- Play the next or the previous CD track

Press and hold a seek button to:

- Tune the radio up or down the frequency band
- Seek through a CD track.

WINDSCREEN WIPERS



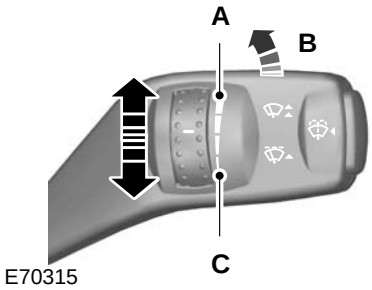
A Single wipe

B Intermittent wipe

C Normal wipe

D High speed wipe

Intermittent wipe



A Short wipe interval

B Intermittent wipe

C Long wipe interval

AUTOWIPERS (where fitted)

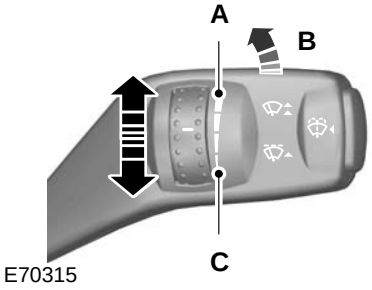
CAUTIONS

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.



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.

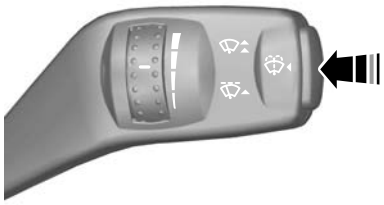
Adjust the sensitivity of the rain sensor using the rotary control. With low sensitivity, the wipers will operate when the sensor detects a lot of water on the windscreen. With high sensitivity, the wipers will operate if the sensor detects a small amount of water on the windscreen.

WINDSCREEN WASHERS

WARNING

Do not operate the windscreen washers for more than 10 seconds or when the reservoir is empty.

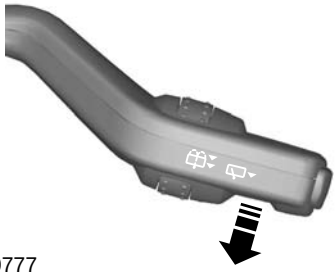
Note: The washer jets are heated when the ignition is on.



E70776

REAR WINDOW WIPER AND WASHERS

Intermittent wiper



E70777

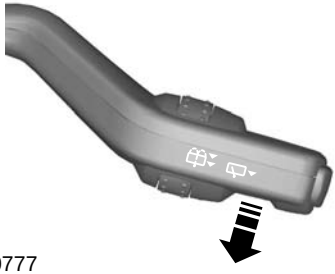
Reverse gear wipe

The rear window wiper will operate automatically when you select reverse gear if the wiper lever is in position **B**, **C** or **D**.

Washer

WARNING

Do not operate the rear window washer for more than 10 seconds or when the reservoir is empty.



E70777

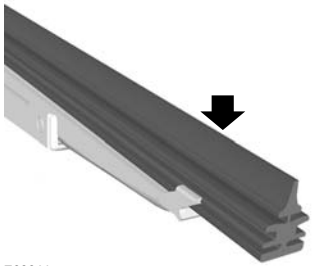
Pull the lever fully towards the steering wheel and hold it to operate the washer.

HEADLAMP WASHERS (where fitted)

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

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

CHECKING THE WIPER BLADES



E66644

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

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

CHANGING THE WIPER BLADES

Windscreen wiper blades

CAUTIONS

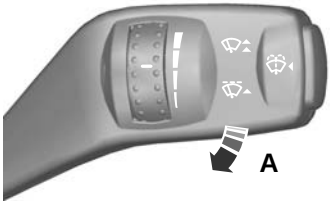
Set the windscreen wipers in the service position to change the wiper blades.

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 you fully defrost the windscreen before you switch on the ignition.

Service positions



E85833

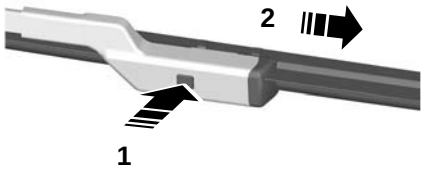


E75188

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

1. Press the locking button.
2. Remove the wiper blade.

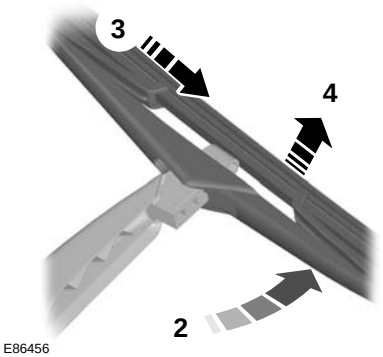
Note: Make sure that the wiper blade locks into place.

3. Install in the reverse order.

Rear window wiper blades

Changing the rear window wiper blades - Wagon

1. Lift the wiper arm.



E86456

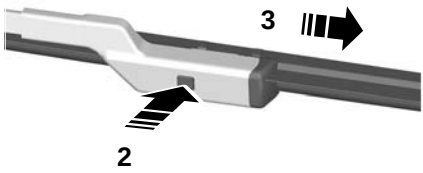
2. Position the wiper blade at right angles to the wiper arm.
3. Disengage the wiper blade from the wiper arm.
4. Remove the wiper blade.

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

5. Install in the reverse order.

Changing the rear window wiper blades - 5-door

1. Lift the wiper arm.



E86457

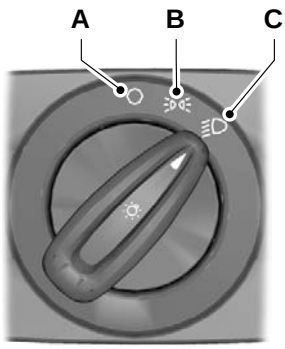
2. Press the locking button.
3. Remove the wiper blade.

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

4. Install in the reverse order.

LIGHTING CONTROL

Lighting control positions



E70718

A Off

B Side and tail lamps

C Headlamps

Parking lamps

CAUTION

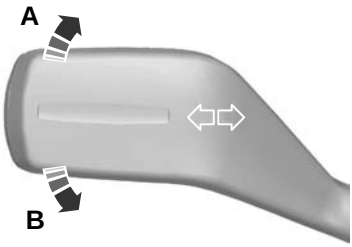
Prolonged use of the parking lamps will discharge the battery.

Switch off the ignition.

Both sides

Set the lighting control to position **B**.

One side

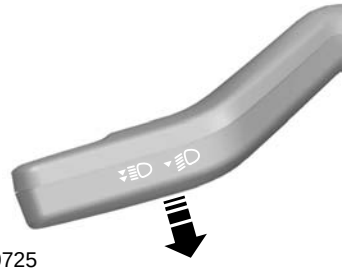


E75505

A Right-hand side

B Left-hand side

Main and dipped beam



E70725

Pull the lever fully towards the steering wheel 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.

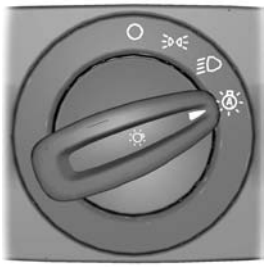
With all doors closed, but within the 30 second delay, opening any door will result in the three minute timer starting again.

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.

DAYTIME RUNNING LAMPS (DRL) (where fitted)

The lamps will illuminate when the ignition is on.

AUTOLAMPS (where fitted)



E70719

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

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

AUTOMATIC MAIN BEAM CONTROL (where fitted)

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.

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 activate and deactivate the system.

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

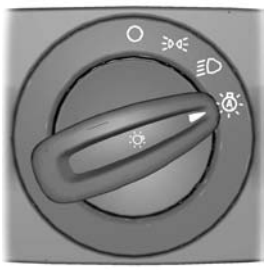
- It is dark enough to require the use of main beams and
- There is no traffic or street lighting ahead and
- Vehicle speed is greater than 40 km/h.

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.
- 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 82). See **Autolamps** (page 51).



E70719

Turn the switch to the autolamps position.

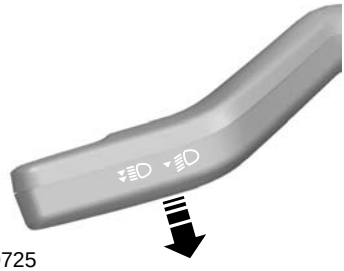
Note: The system may take a short time to initialise after first switching the ignition on, especially in very dark conditions. The main beam will not automatically switch on during this period.

Setting the system sensitivity

The system has three sensitivity levels which can be accessed via the information display. See **Information displays** (page 82).

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



E70725

Use the main beam lever to switch between main beam 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 (where fitted)



E70721

WARNING

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

REAR FOG LAMPS



E70720

WARNINGS

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

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

ADJUSTING THE HEADLAMPS - VEHICLES WITH: ADAPTIVE FRONT LIGHTING/XENON HEADLAMPS (where fitted)

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

HEADLAMP LEVELLING

Note: Vehicles with Xenon headlamps are equipped with automatic headlamp levelling.



E70722

A Raised headlamp beams

B Lowered headlamp beams

You can adjust the level of the headlamp beams according to the vehicle load.

Recommended headlamp levelling switch positions

Load		Load in luggage compartment	Switch position
Front seats	Rear seats		
1 - 2	-	-	0
1 - 2	-	-	0
1 - 2	3	-	1
1 - 2	3	Max[1]	3
1	-	Max[1]	4

[1] See **Vehicle Identification** (page 196)

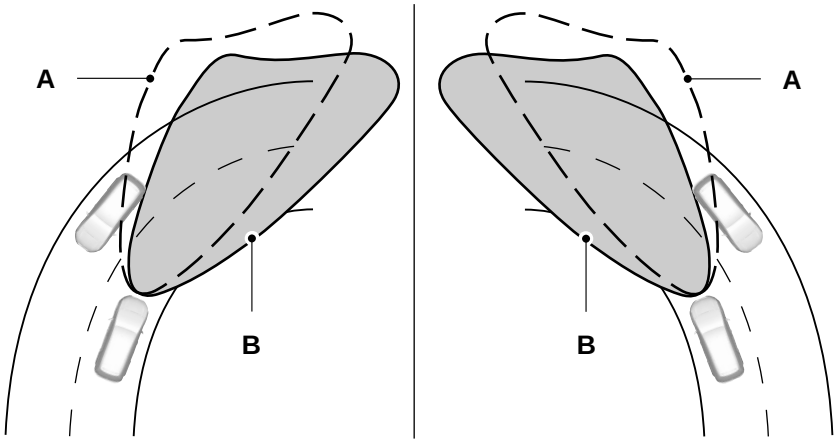
HAZARD WARNING FLASHERS

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



For item location: See **Quick start** (page 11).

ADAPTIVE FRONT LIGHTING SYSTEM (AFS) (where fitted)



E72897

A without AFS

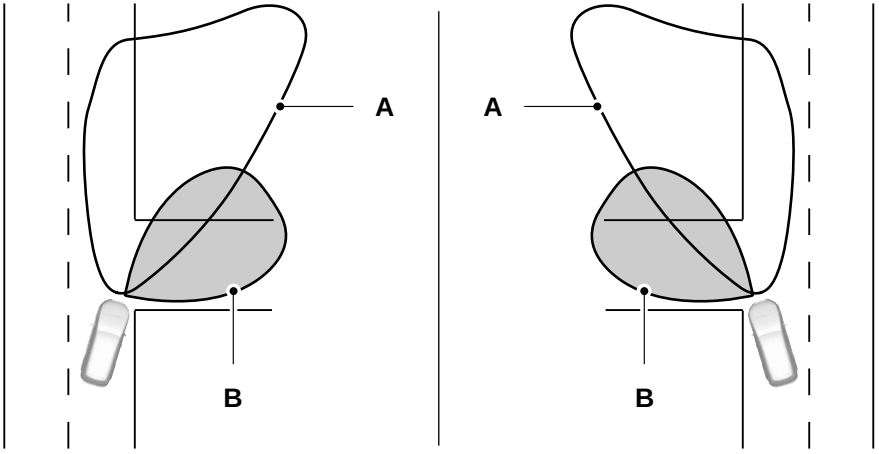
B with AFS

The AFS adjusts the headlamp dipped beam depending on vehicle direction and speed. It improves visibility when you are driving at night and helps to reduce headlamp glare for oncoming drivers.

The system will not operate when the vehicle is stationary, when you have switched on the daytime running lamps or when you have selected reverse gear.

A message will appear in the information display if the system malfunctions. See **Information messages** (page 91). The headlamps will move to a fixed central or dipped position. Have the system checked as soon as possible.

Cornering lamps



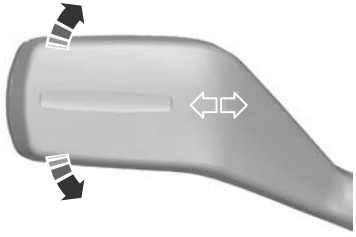
E72898

A Headlamp beam

B Cornering lamp beam

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

DIRECTION INDICATORS

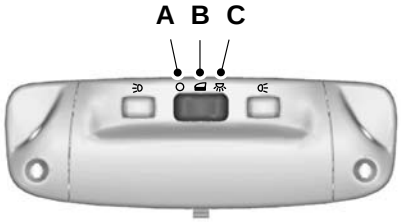


E70727

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

INTERIOR LAMPS

Courtesy lamp



E71945

A Off

B Door contact

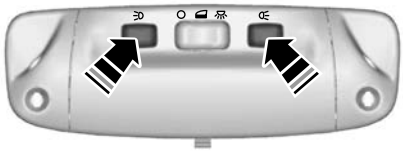
C On

If you set the switch to position **B**, the courtesy lamp 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, the courtesy lamp will go off automatically after some time to prevent the vehicle battery from discharging. To switch it back on, switch on the ignition for a short time.

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

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

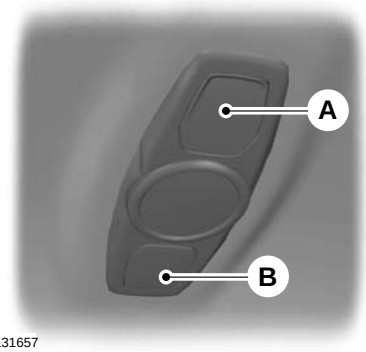
Reading lamps (where fitted)



E71946

If you switch off the ignition, the reading 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.

LED interior lighting (where fitted)



E131657

A Individual lamp on and off switch

B Master on and off switch

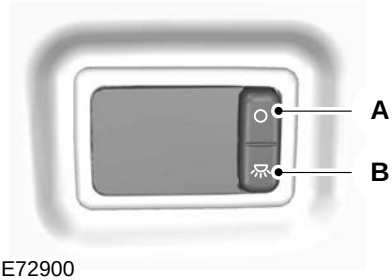
You can control all lamps using switch **B**.

Note: If all lamps have been switched on by the driver's control, they cannot be switched off independently.

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.

If you press and hold switch **B** for 3 seconds all lamps will stay off regardless of the doors or luggage compartment lid position. Press the switch briefly again to reverse.

Vanity mirror lamps (where fitted)



E72900

A Off

B On

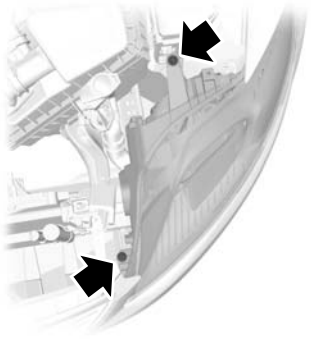
If you switch off the ignition, the vanity mirror lamps will go off automatically after a short time to prevent the vehicle battery from discharging. To switch them back on, switch on the ignition for a short time.

REMOVING A HEADLAMP

WARNING

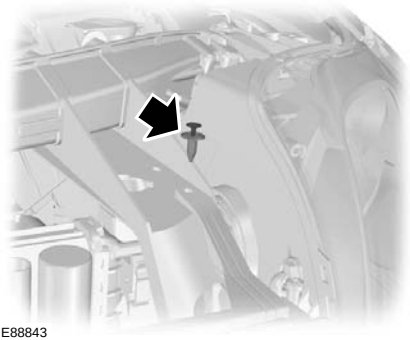
Have Xenon bulbs changed by a trained technician. There is a risk of electric shock.

1. Open the bonnet. See **Opening and closing the bonnet** (page 177).



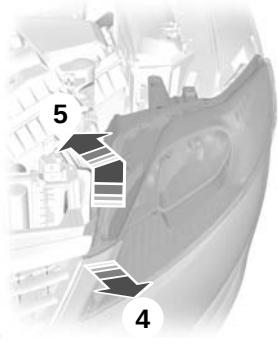
E85995

2. Remove the screws.



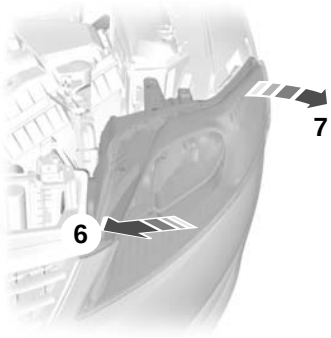
E88843

3. Remove the plastic screw and retainer.



E85996

4. Carefully pull the corner of the grille and bumper towards the front of the vehicle.
5. Carefully lift the corner of the headlamp and push it as far as possible towards the back of the vehicle.



E88982

6. Carefully pull the headlamp towards the centre of the vehicle, behind the grille and bumper, to disengage it from the lower outer fixing point.
7. Remove the headlamp.

CAUTION

When fitting the headlamp, take care not to damage the locating points.

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

Note: When fitting the headlamp, tighten the front screw first and then the rear screw.

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 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 68).

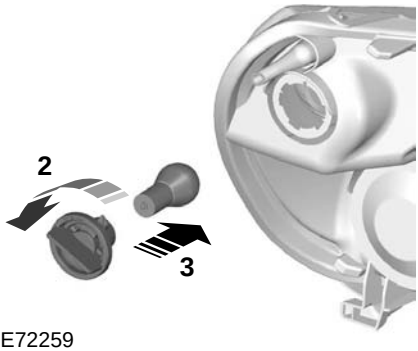
Note: The following instructions describe how to remove the bulbs. Fit replacements in the reverse order unless otherwise stated.

Headlamp

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

Direction indicator

1. Remove the headlamp. See **Removing a headlamp** (page 59).

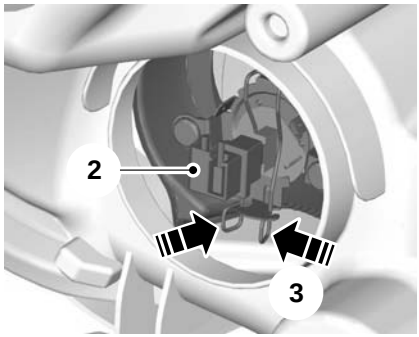


E72259

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

Headlamp main beam

1. Remove the headlamp. See **Removing a headlamp** (page 59).

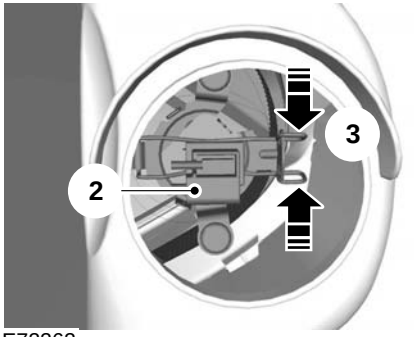


E72261

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

Headlamp dipped beam

1. Remove the headlamp. See **Removing a headlamp** (page 59).

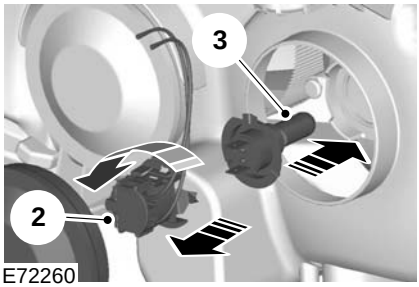


E72262

2. Turn the bulb holder anti-clockwise and remove it.
3. Remove the bulb.

Cornering lamp

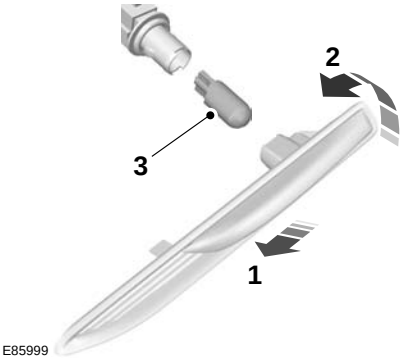
1. Remove the headlamp. See **Removing a headlamp** (page 59).



E72260

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

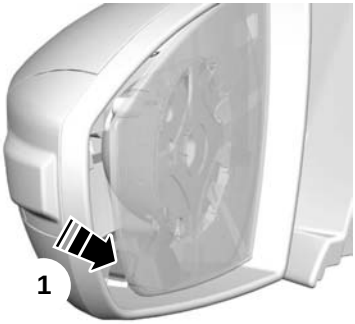
Side repeaters



E85999

1. Carefully remove the side repeater.
2. Hold the bulb holder, turn the housing anti-clockwise and remove it.
3. Remove the bulb.

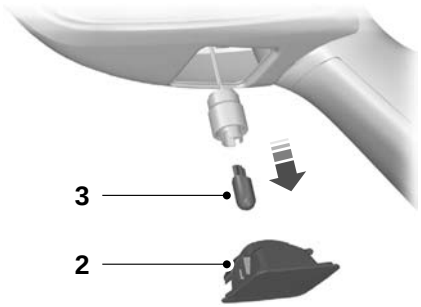
Approach lamp



E72264

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

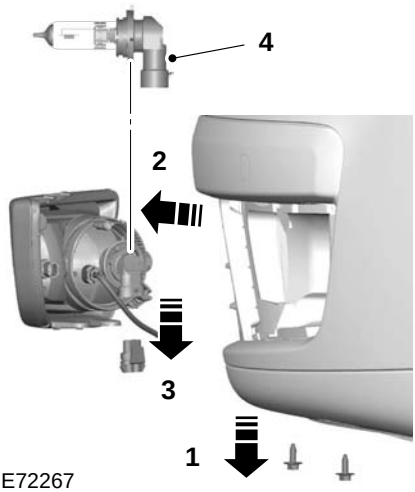
1. Insert a screwdriver into the gap between the mirror housing and the mirror glass and release the metal retaining clip.



E72265

2. Remove the lamp.
3. Remove the bulb.

Front fog lamps



E72267

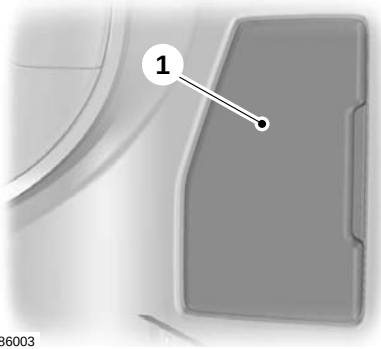
Note: You cannot separate the fog lamp bulb from the bulb holder.

Note: Do not remove the screws.

1. Loosen the screws.
2. Remove the lamp.
3. Disconnect the electrical connector.
4. Turn the bulb holder anti-clockwise and remove it.

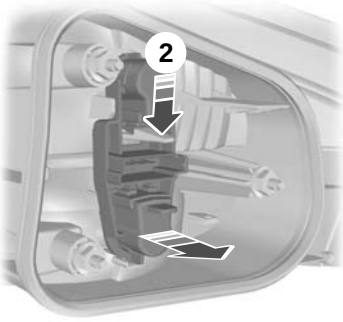
Rear lamps

Direction indicator, tail and brake lamp



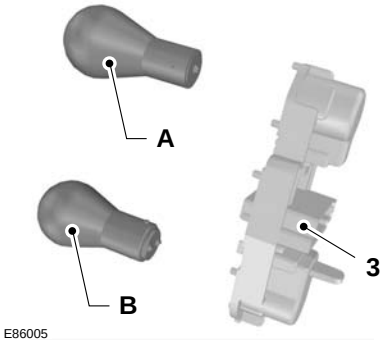
E86003

1. Remove the trim panel.



E86004

2. Unclip the bulb holder



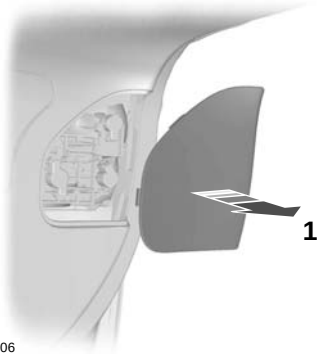
E86005

A Direction indicator

B Tail and brake lamp

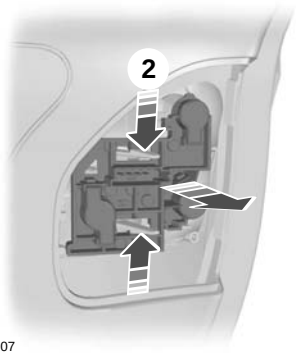
3. Gently press the bulb into the bulb holder, turn it anti-clockwise and remove it.

Reversing lamp, tail lamp and fog lamp



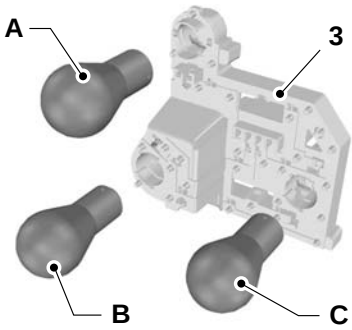
E86006

1. Remove the trim panel.



E86007

2. Unclip the bulb holder.



E86008

A Reversing lamp

B Tail lamp

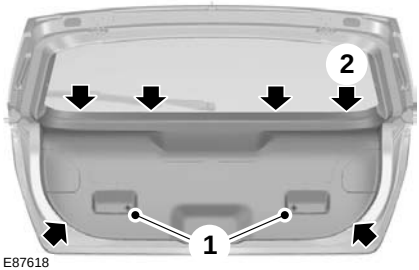
C Fog lamp

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

Central high mounted brake lamp

Remove the trim panel

5-door



E87618

1. Remove the screws.
2. Detach the clips.

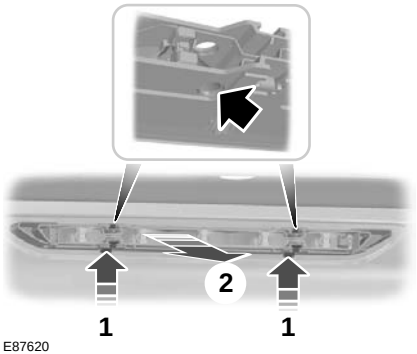
Wagon



E87619

1. Detach the clips.

Remove the lamp



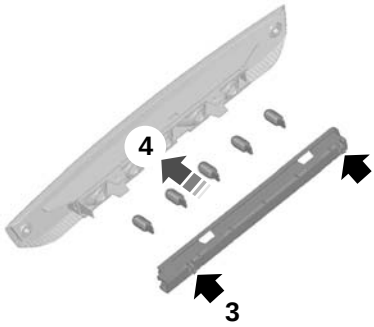
E87620

1. Insert a suitable object into the holes.
2. Carefully pull the lamp towards the front of the vehicle to release the spring clips.



E86002

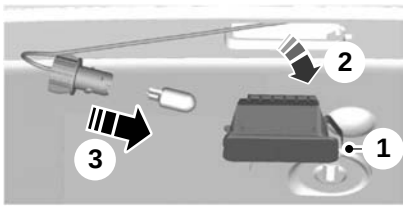
3. Remove the lamp.



E79601

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

Number plate lamp

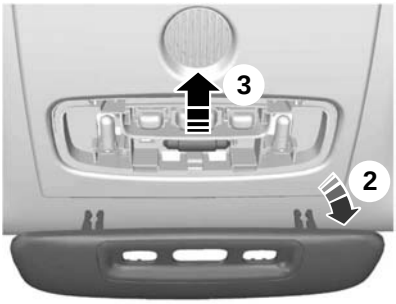


E72789

1. Carefully release the spring clip.
2. Remove the lamp.
3. Remove the bulb.

Interior lamp

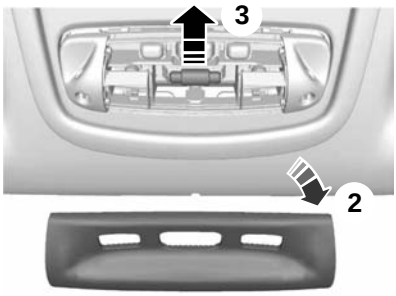
Vehicles without interior sensors



E72788

1. Carefully prise out the lens.
2. Remove the lens.
3. Remove the bulb.

Vehicles with interior sensors

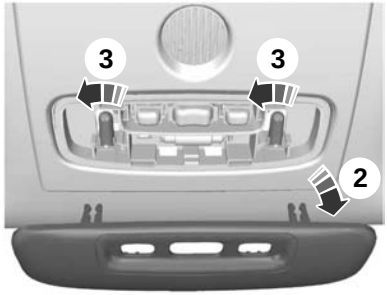


E72787

1. Carefully prise out the lens.
2. Remove the lens.
3. Remove the bulb.

Reading lamps

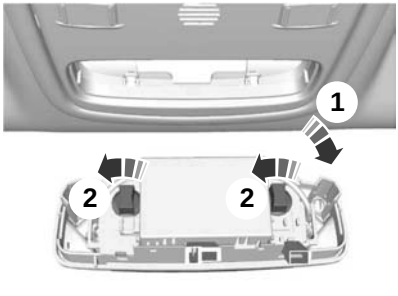
Vehicles without interior sensors



E72796

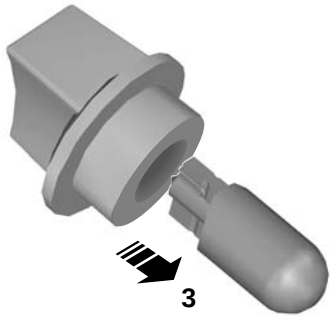
1. Carefully prise out the lens.
2. Remove the lens.
3. Remove the bulb.

Vehicles with interior sensors



E72786

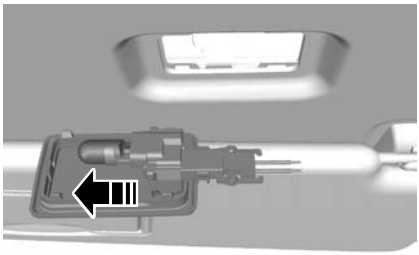
1. Carefully prise out the lamp.
2. Turn the bulb holder anti-clockwise and remove it.



E73939

3. Remove the bulb.

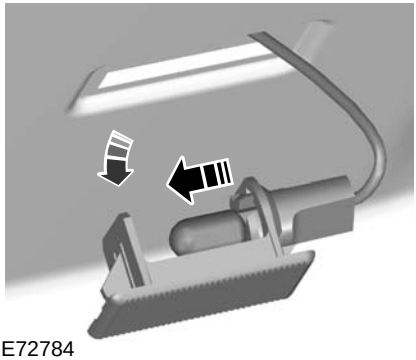
Vanity mirror lamp



E72785

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

Luggage compartment 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
Cornering lamp	H1	55
Side repeater	W5W	5
Approach lamp	W5W	5
Front fog lamp	H8	35
Side lamp	W5W	5
Rear direction indicator	PY21W	21
Rear fog lamp	H21W	21
Reversing lamp	P21W	21
Number plate lamp	W5W	5
Interior lamp	Festoon	10
Reading lamp	BA 9s	5
Vanity mirror lamp	W5W	5
Luggage compartment lamp	W5W	5

ELECTRIC 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.

Note: You can operate the windows for several minutes after you switch off the ignition. They will be deactivated as soon as a door is opened.

Note: If you operate both the switch on the relevant door and the switch for that window on the driver's door at the same time, the window will stop moving.

Switch on the ignition to operate the electric windows.

Global opening and global closing

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

See **Global opening and closing** (page 37)

Note: Global opening and global closing will open or close the windows automatically only on vehicles equipped with four electric windows.

Note: Global closing will only operate if you have set the memory correctly for each window.

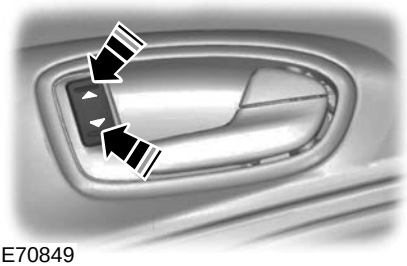
Driver's door switches



E121510

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

Front and rear passengers' door switches



E70849

Opening and closing the windows automatically

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

Safety switch for rear windows

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



E121511

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

The light in the switch illuminates 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

CAUTION

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, for example, 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 a properly trained technician.

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:

1. Lift the switch until the window is fully closed. Hold the switch lifted for one more second.
2. Release the switch and lift it again, two or three times, for one more second.

3. Open the window and try to close it automatically.
4. Reset and repeat procedure if the window does not close automatically.

Safety mode

WARNING

The anti-trap function is not active during this procedure.

If the system detects a malfunction, it enters a safety mode. The windows will move for only about 0.5 seconds at a time and then stop again. Close the windows by pressing the switch again when the windows stop moving. Have this checked immediately.

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

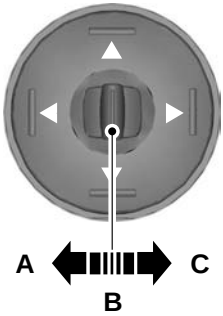
Folding

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



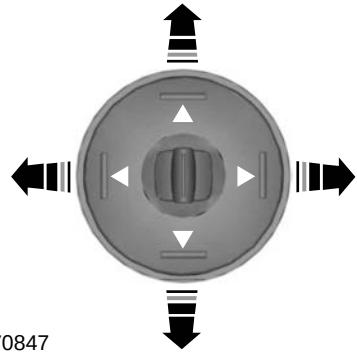
E70846

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 106)

Electric folding mirrors (where fitted)

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.

Reverse mirror dipping

Depending on the switch position (**A** or **C**), the relevant exterior mirror will dip whenever you select reverse gear, giving you a view of the kerb.

Note: You can disable this feature by leaving the switch in position **B**.

The exterior mirror will return to the original position:

- If the vehicle speed exceeds 10 km/h.
- Approximately 10 seconds after reverse gear has been disengaged.
- If the switch is returned to position **B**.

When you first use this feature, the mirror will dip to a preset position. This position can be adjusted using the following sequence:

1. Turn the ignition on. Do not start the engine.
2. Select the desired exterior mirror (**A** or **C**).
3. Select reverse gear, the selected exterior mirror will adjust to a preset position.
4. Adjust the mirror to the required dipped position.
5. Disengage reverse gear.

The settings will be stored automatically.

AUTO-DIMMING MIRROR (where fitted)



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 (where fitted)

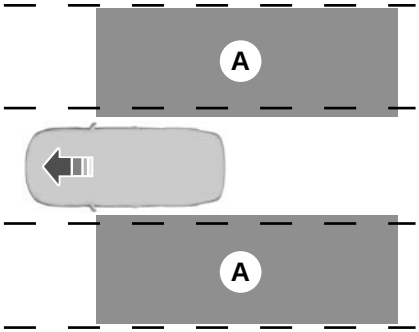
Blind spot information system (BLIS)

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 or cyclists.

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

The system is a convenience feature that aids the driver in detecting vehicles that may have entered the blind spot zone (A). The detection area is on both sides of the vehicle extending rearwards from the exterior mirrors to approximately 3 metres (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 D and N.

The system is only active when you exceed 10 km/h. 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.

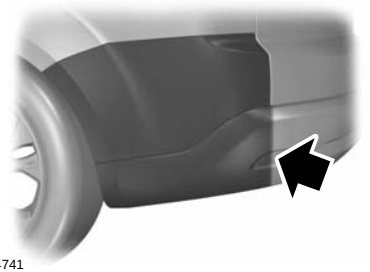
Note: Vehicles that pass through the blind zone quickly (typically less than 2 seconds) will not trigger the alert.

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.
- 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 82).

When you turn the system off no further alerts will be received. The BLIS warning indicator will illuminate. See **Warning lamps and indicators** (page 78).

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 us may not correctly be detected. Switch the system off to avoid false alerts. See **Information displays** (page 82).

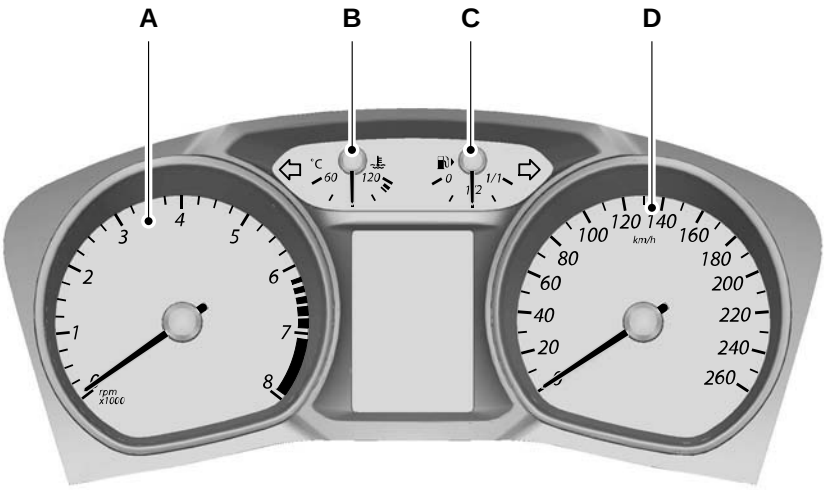
If the vehicle is fitted with a trailer tow module approved by us, the system will detect a connected trailer and deactivate.

A confirmation message will be shown in the information display. See **Information messages** (page 91).

The BLIS warning indicator will illuminate. See **Warning lamps and indicators** (page 78).

GAUGES

Type 1



E72984

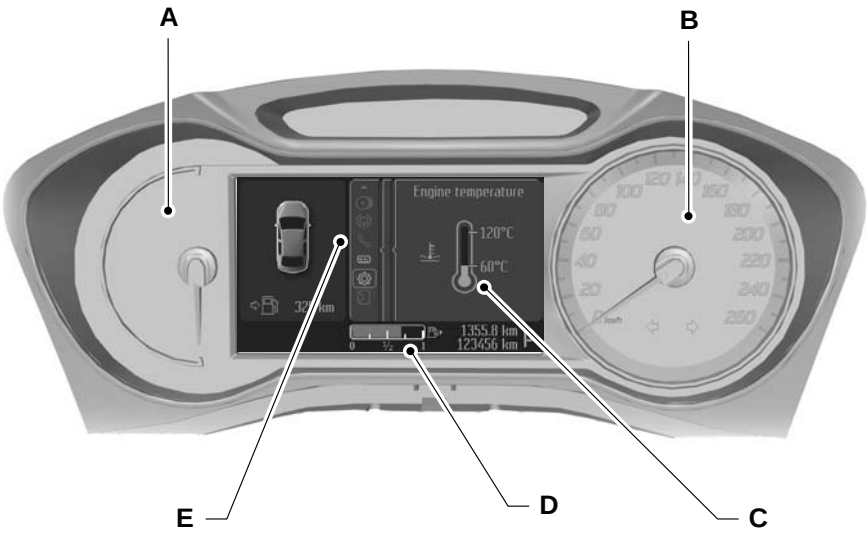
A Tachometer

B Engine coolant temperature gauge

C Fuel gauge

D Speedometer

Type 3



E130765

A Tachometer

B Speedometer

C Engine coolant temperature gauge

D Fuel gauge

E Message centre. See **Information displays** (page 82).

Engine coolant temperature gauge

Note: On type 3 this gauge is shown within the message centre and will not be displayed unless required. See **Information displays** (page 82).

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

CAUTION

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

If the needle moves towards 120°C, 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 181).

Fuel gauge

Note: On type 3 this gauge is shown within the message centre.

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

WARNING LAMPS AND INDICATORS

The following warning lamps and indicators will illuminate briefly when you switch the ignition on to confirm that the system is operational:

- ABS
- Airbag
- Blind spot monitor
- Brake system
- Coolant temperature
- Engine
- Frost
- Ignition
- Oil pressure
- Dynamic Stability control (DSC)

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 while 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 switched off or in conjunction with a message. See **Blind spot monitor** (page 73). See **Information messages** (page 91).

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.

Coolant temperature 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 coolant level. See **Engine coolant check** (page 181).

Direction indicators



Flashes during operation. A sudden increase in the rate of flashing warns of a failed indicator bulb. See **Changing a bulb** (page 60).

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.

Forward alert indicator



It will illuminate when this feature is active. See **Forward alert function** (page 145).

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 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 and 0°C. It will glow red when the temperature is below 0°C .

Glow plug indicator


See **Starting a diesel engine** (page 121).

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.

Lane departure warning indicator


It will illuminate when this feature is switched off or in conjunction with a message. The indicator will go out when you switch the system back on or when you switch the ignition off. See **Lane departure warning** (page 151). See **Information messages** (page 91).

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 91).

Oil pressure warning lamp

CAUTION


Do not resume your journey if the oil pressure warning lamp illuminates despite the oil level being correct. Have the system checked by a properly trained technician immediately.


If the lamp stays on after starting or illuminates during a journey, 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 180).

Rear fog lamp indicator


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

Seat belt reminder


See **Seat belt reminder** (page 31).

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 (DSC/ESP) warning lamp



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.

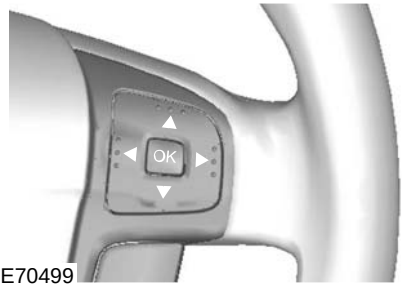
If you switch DSC off, the warning lamp will illuminate. The lamp will go out when you switch the system back on or when you switch the ignition off.

AUDIBLE WARNINGS AND INDICATORS

Switching the chimes on and off

You can deactivate certain chimes.

To set which chimes should sound:



E70499

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

GENERAL INFORMATION

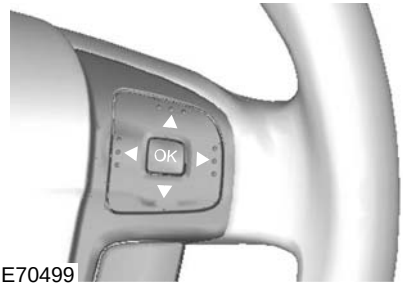
WARNING

Do not operate the information display controls when the vehicle is moving.

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 buttons on your steering wheel. Corresponding information is displayed in the information display.

Controls



E70499

Press the **up** and **down** arrow buttons:

- To scroll through the trip computer displays
- To scroll through and highlight the options within a menu.

Press the **right** arrow button:

- To enter the main menu from the trip computer displays
- 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).

Note: The system will return to the trip computer displays automatically if you do not press any button for a period of time.

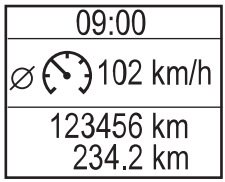
Press the **OK** button to choose and confirm a setting.

Instrument cluster functions

Function	Type 1	Type 3
Trip computer	X	X
Information messages	X	X
Clock setup	X	X
Display settings	-	X
CD control	-	X
CD changer control	-	X
Radio control	-	X
Phone Control	-	X
Auxiliary input control	-	X

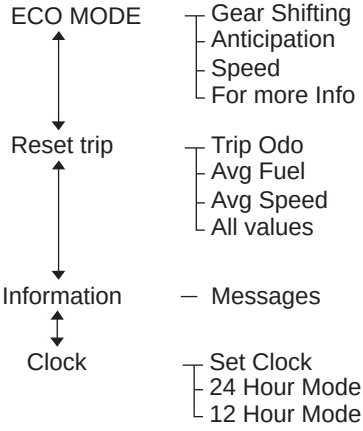
Type 1

Press the **up** and **down** arrow buttons on the steering wheel to scroll through the trip computer displays. See **Trip computer** (page 88).



E80604

Menu Structure



E131626

Type 3



E88048

Use the controls to scroll through the menu displays.

Device list

The highlighted icon shows the current menu in use.

CD

CD changer

Radio

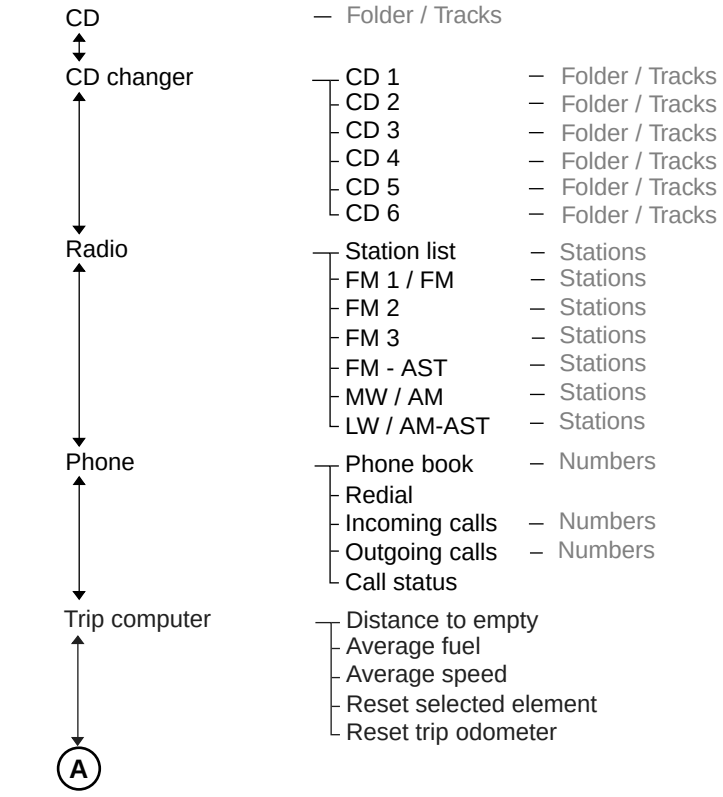
Phone

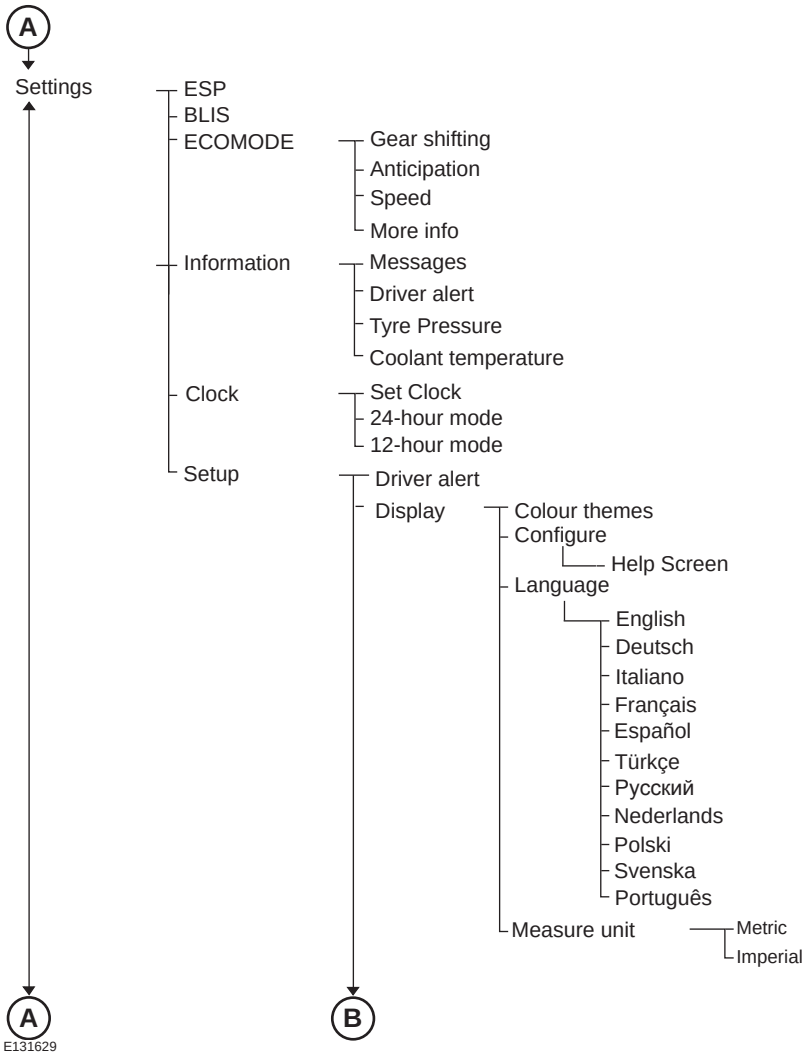
Trip computer

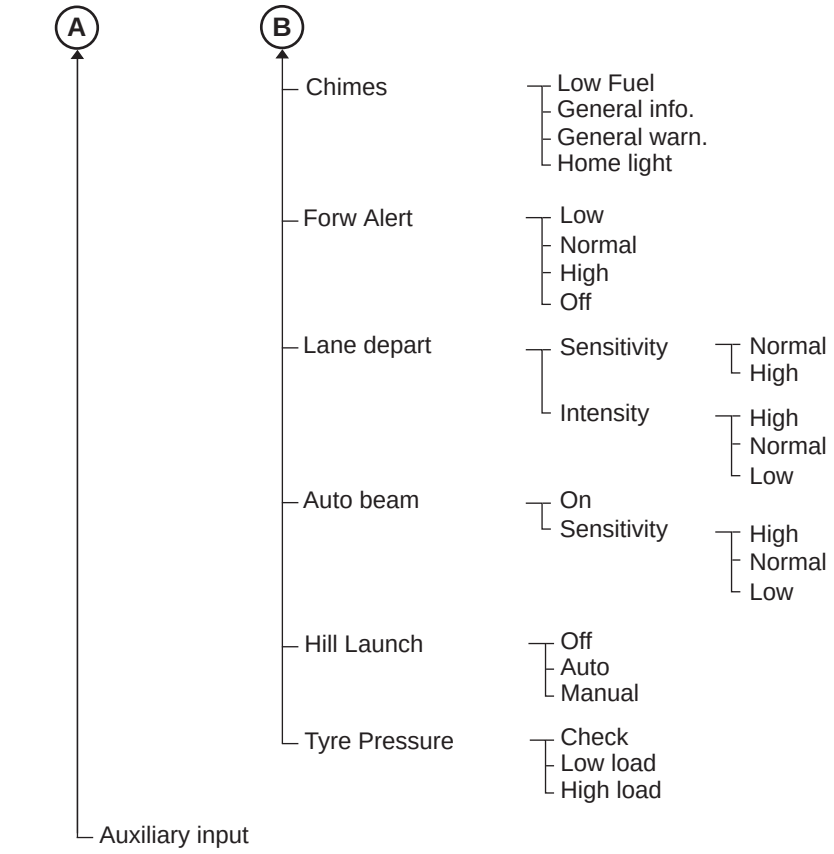
Settings

Auxiliary Input

Menu structure




A
Settings
ESP
BLIS
ECOMODE
Gear shifting
Anticipation
Speed
More info
Information
Messages
Driver alert
Tyre Pressure
Coolant temperature
Clock
Set Clock
24-hour mode
12-hour mode
Setup
Driver alert
Display
Colour themes
Configure
Help Screen
Language
English
Deutsch
Italiano
Français
Español
Türkçe
Русский
Nederlands
Polski
Svenska
Português
Measure unit
Metric
Imperial
A
B
E131629


A
B
Chimes
Low Fuel
General info.
General warn.
Home light
Forw Alert
Low
Normal
High
Off
Lane depart
Sensitivity
Normal
High
Intensity
High
Normal
Low
Auto beam
On
Sensitivity
High
Normal
Low
Hill Launch
Off
Auto
Manual
Tyre Pressure
Check
Low load
High load
Auxiliary input
E131630

TRIP COMPUTER

Odometer

Registers the total mileage of the vehicle.

Tripmeter

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.

Average fuel consumption

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

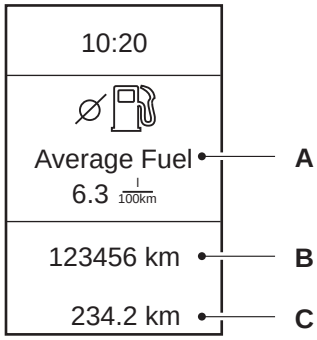
Average speed

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

Outside air temperature

Shows the outside air temperature.

Type 1



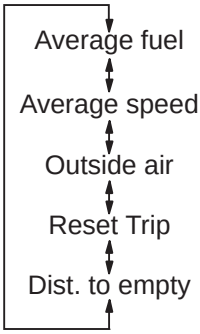
E74428

A Trip computer

B Odometer

C Tripmeter

The trip computer indicates the following information displays:



E74441

Press the **up** and **down** arrow buttons on the steering wheel to scroll through the trip computer displays.

Note: The position of the trip computer display may vary depending on the information shown in the display.

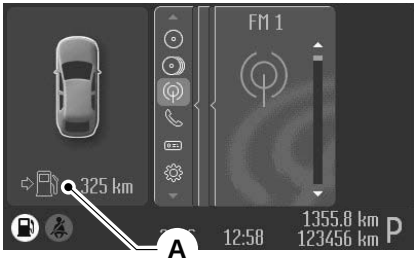
Resetting the trip computer using the main menu

To reset a particular display:

1. Press the right arrow button on the steering wheel to enter the main menu.
2. Highlight **Reset Trip** with the up and down arrow buttons and press the right arrow button.
3. Highlight the function to be reset.
4. Press the right arrow button to select the function.
5. Hold the **OK** button pressed.

To reset all three displays, select **All values** and hold the **OK** button pressed.

Type 3



E88049

A Trip computer

Press the **OK** button on the steering wheel to cycle through the different trip computer displays. To reset a value, press and hold the **OK** button.

Resetting the trip computer using the main menu

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. Press and hold the **OK** button.

PERSONALISED SETTINGS

The following information is displayed in the information display if you have selected it:

Help screen, radio and phone information

The help screen appears for a few seconds when you switch the ignition on.

If the radio or telephone is operating, information relating to this system is displayed in the information display.

To select which information is displayed in the information display:

Type 1

1. Press the right arrow button on the steering wheel to enter the main menu.
2. Highlight **Setup** with the up and down arrow buttons and press the right arrow button.
3. Highlight **Display** and press the right arrow button.
4. Highlight **Configure** and press the right arrow button.

5. To toggle the **Help screen**, **Radio Info** and **Phone Info** on and off, highlight the desired setting and press the **OK** button to confirm the setting.
6. Press the left arrow button to exit the menu. Hold the left arrow button pressed to return to the trip computer display.

Type 3

1. Highlight **Settings** with the up and down arrow buttons and press the right arrow button.
2. Highlight **Setup** with the up and down arrow buttons and press the right arrow button.
3. Highlight **Display** and press the right arrow button.
4. Highlight **Configure** and press the right arrow button.
5. To toggle the **Help screen**, highlight the desired setting and press the **OK** button to confirm the setting.

Language

A choice of eleven languages are available:

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

Type 1

1. Press the right arrow button on the steering wheel to enter the main menu.
2. Highlight **Setup** with the up and down arrow buttons and press the right arrow button.
3. Highlight **Display** and press the right arrow button.
4. Highlight **Language** and press the right arrow button.
5. Highlight the desired setting and press the **OK** button to confirm the setting.
6. Press the left arrow button to exit the menu. Hold the left arrow button pressed to return to the trip computer display.

Type 3

1. Highlight **Settings** with the up and down arrow buttons and press the right arrow button.
2. Highlight **Setup** with the up and down arrow buttons and press the right arrow button.
3. Highlight **Display** and press the right arrow button.
4. Highlight **Language** and press the right arrow button.
5. Highlight the desired setting and press the **OK** button to confirm the setting.

Units of measure

Note: The outside air temperature is only displayed in degrees Celsius and cannot be set to degrees Fahrenheit.

To select metric or imperial units:

Type 1

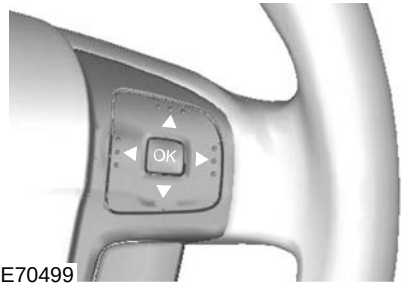
1. Press the right arrow button on the steering wheel to enter the main menu.

2. Highlight **Setup** with the up and down arrow buttons and press the right arrow button.
3. Highlight **Display** and press the right arrow button.
4. Highlight **Measure Unit** and press the right arrow button.
5. Highlight the desired setting and press the **OK** button to confirm the setting.
6. Press the left arrow button to return to exit the menu. Hold the left arrow button pressed to return to the trip computer display.

Type 3

1. Highlight **Settings** with the up and down arrow buttons and press the right arrow button.
2. Highlight **Setup** with the up and down arrow buttons and press the right arrow button.
3. Highlight **Display** and press the right arrow button.
4. Highlight **Measure Unit** and press the right arrow button.
5. Highlight the desired setting and press the **OK** button to confirm the setting.

INFORMATION MESSAGES



E70499

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

With instrument cluster type 3, 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.

Message symbols


See Owner's handbook.


Have the system checked at the next service.


Have the system checked as soon as possible.


Stop your vehicle as soon as it is safe to do so.

Viewing current messages

Type 1

1. Press the right arrow button on the steering wheel to enter the main menu.
2. Highlight **Information** with the up and down arrow buttons and press the right arrow button.
3. Highlight **Messages** and press the right arrow button.
4. Use the up and down buttons to view the current messages.

Type 3

1. Press the right 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 **Information** with the up and down arrow buttons and press the right arrow button.
4. Highlight **Messages** and press the right arrow button.
5. Use the up and down buttons to view the current messages.

Airbag

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

Alarm

Message	Indicator	Action
Alarm triggered	amber	See **Alarm** (page 43).
Alarm system service reqd.	-	Have the system checked by a properly trained technician.

Automatic main beam control/Lane departure warning/Driver alert

Message	Indicator	Action
Front camera Clean screen	amber	The front camera sensor has reduced visibility. Clean the windscreen.
Front camera malfunction	amber	The front camera sensor has malfunctioned. Have this checked as soon as possible.
Front camera not available	amber	The affected systems are temporarily unavailable, and should resume after a few minutes.
Driver fatigue Rest suggested	amber	Take a rest break soon.
Driver fatigue Rest now	red	Stop and rest as soon as it is safe to do so.
Lane departure warn. malfunct.	amber	The system has malfunctioned. Have this checked as soon as possible.

Battery and charging system

Message	Indicator	Action
Overvoltage: 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.
Low battery	amber	Have the system checked by a properly trained technician as soon as possible.

Blind spot monitor

Message	Indicator	Action
BLIS sensor blocked	amber	See **Blind spot monitor** (page 73).
BLIS right sensor malfunction	amber	Have the system checked by a properly trained technician as soon as possible.
BLIS left sensor malfunction	amber	Have the system checked by a properly trained technician as soon as possible.
BLIS malfunction	amber	Have the system checked by a properly trained technician as soon as possible.
BLIS inactive Trailer attach'd	amber	See **Blind spot monitor** (page 73).

Cruise control and adaptive cruise control (ACC)

Message	Indicator	Action
Cruise control active	-	See **Cruise control** (page 139).
Cruise control standby	-	See **Cruise control** (page 139).
ACC unavailable	-	See **Adaptive cruise control (ACC)** (page 141).
ACC malfunction	amber	Have the system checked by a properly trained technician as soon as possible.
Clean radar sensor	amber	See **Adaptive cruise control (ACC)** (page 141).
Forward Alert malfunction	amber	Have the system checked by a properly trained technician as soon as possible.

Doors open

Message	Indicator	Action
Driver door open	red	Vehicle is moving. Stop the vehicle as soon as safely possible and close.
Driver side rear door open	red	Vehicle is moving. Stop the vehicle as soon as safely possible and close.
Passenger door open	red	Vehicle is moving. Stop the vehicle as soon as safely possible and close.
Passenger side rear door open	red	Vehicle is moving. Stop the vehicle as soon as safely possible and close.
Luggage comp. open	red	Vehicle is moving. Stop the vehicle as soon as safely possible and close.
Bonnet open	red	Vehicle is moving. Stop the vehicle as soon as safely possible and close. See **Opening and closing the bonnet** (page 177).

Engine immobiliser

Message	Indicator	Action
Immobiliser active	red	See **Engine immobiliser** (page 42).

Hill start assist

Message	Indicator	Action
Hill launch not available	amber	Have the system checked by a properly trained technician.
Hill launch assist active	-	See **Hill start assist** (page 134).
Hill launch assist off	-	See **Hill start assist** (page 134).
Please use park brake !	amber	See **Hill start assist** (page 134).

Keyless system

Message	Indicator	Action
Steering malfunction	red	Have this checked as soon as possible.
Key not detected	amber	See **Keyless entry** (page 39).
Car operative Press STOP	amber	The engine is still running. Switch the ignition off. See **Keyless starting** (page 118).
Key outside car	amber	See **Keyless entry** (page 39).
Key battery low	amber	See **Changing the remote control battery** (page 33).
Steering locked - Retry	-	See **Steering wheel lock** (page 120).

Lighting

Message	Indicator	Action
Front lights malfunction	amber	Have the system checked by a properly trained technician as soon as possible.
Low 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 60).
Rear fog light: Bulb fault	-	One or both of the rear fog lamp bulbs have blown. Check the rear fog lamp bulbs. See **Changing a bulb** (page 60).
Stop lamps: Bulb fault	-	One or both of the brake lamp bulbs have blown. Check the brake lamp bulbs. See **Changing a bulb** (page 60).
Trailer stop!: 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!: 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	Indicator	Action
Engine malfunction	red	Have the system checked by a properly trained technician as soon as possible.
Check engine oil level	amber	See **Engine oil check** (page 180).
Water detected in fuel	amber	Have the system checked by a properly trained technician as soon as possible.
Low washer fluid level	-	See **Washer fluid check** (page 182).
Service oil	-	Have the system checked by a properly trained technician.

Occupant protection

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

Parking brake

Message	Indicator	Action
Park brake applied	amber	See **Parking brake** (page 131).
Park brake applied	red	See **Parking brake** (page 131).

Power steering

Message	Indicator	Action
Power steering malfunction	amber	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.

Stability control (DSC/ESP)

Message	Indicator	Action
ESP malfunction	-	Have the system checked by a properly trained technician as soon as possible.
ESP off	-	See **Using stability control** (page 133).

Transmission

Message	Indicator	Action
Transmission malfunction	red	Have the system checked by a properly trained technician immediately.
Transmission over-temperature	amber	Have the system checked by a properly trained technician immediately.

Tyre pressure monitoring system

Message	Indicator	Action
Check ..... tyre!	red	The tyre indicated has continued to deflate. Check the tyre and inflate it to the recommended pressure. See **Technical specifications** (page 195).
Check tyre pressures	red	One or more of the tyres are significantly under inflated. This message may be displayed after a new sensor has been installed. Check the tyres and inflate them to the recommended pressure. See **Technical specifications** (page 195).
Check ..... tyre	amber	The tyre indicated is significantly under-inflated. Check the tyre and inflate it to the recommended pressure. See **Technical specifications** (page 195).
Tyre monitor malfunction	amber	You have installed a temporary spare wheel. Install a correctly inflated full size wheel with a sensor as soon as possible. When a malfunction occurs, the system may not be able to detect or signal low tyre pressure.
		Up to three sensors have malfunctioned, an unapproved accessory is interfering with the system or a general malfunction has been detected. Have the system checked by a properly trained technician as soon as possible. When a malfunction occurs, the system may not be able to detect or signal low tyre pressure.
Inflate tyres for high speed	amber	The tyre pressures are not suitable for driving at 160 km/h (100 mph). Inflate the tyres to the recommended pressure. See **Technical specifications** (page 195). This message will be displayed for only a few seconds with a low tyre pressure warning.
Tyre sensors not detected	-	You have installed wheels and tyres that do not have sensors. The tyre pressures will not be monitored.
		All sensors have malfunctioned or an unapproved accessory is interfering with the system. Have the system checked by a properly trained technician as soon as possible.

Voice control

Message	Indicator	Action
Voice control Please speak	-	See **Voice control** (page 227).
Voice control not recognised	-	See **Voice control** (page 227).
Voice control not allowed	-	See **Voice control** (page 227).

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.

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.

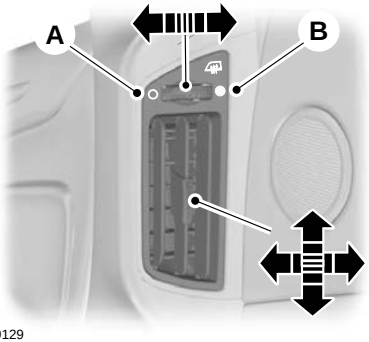
AIR VENTS

Front air vents



E71942

Rear air vents



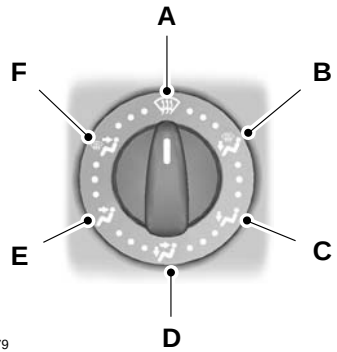
E89129

A Open

B Close

MANUAL CLIMATE CONTROL

Air distribution control



E71379

A Windscreen

B Footwell and windscreen

C Footwell

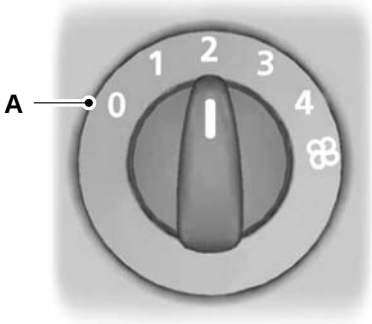
D Face level and footwell

E Face level

F Face level and 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



E71377

Ventilation



E71378

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

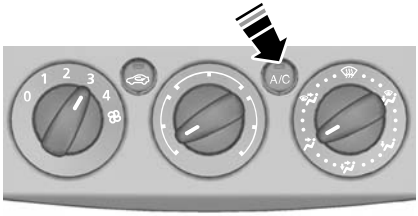
Air conditioning

Switching the air conditioning on and off

A/C

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



E71380

Cooling the interior quickly



E71381

Defrosting and demisting the windscreen



E71382

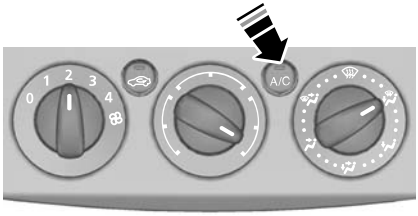
When the temperature is above 4°C, the air conditioning will switch on automatically. Make sure that the blower is on. The indicator in the switch will illuminate during defrosting and demisting.

If you move the air distribution control to a position other than **A**, 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 position **A**.

If necessary, switch the heated windows on. See **Heated windows and mirrors** (page 106).

Reduce interior air humidity



E71383

AUTOMATIC CLIMATE CONTROL (where fitted)



E91390

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

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



E91391

You can set the temperature between 15.5°C and 29.5°C in steps of 0.5°C. In position LO, 15°C, the system will switch to permanent cooling. In position HI, 30°C, 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 same temperature will be set for 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 using 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's and passenger's side temperatures independently of each other. The temperatures are shown in the display. You can set a difference of up to 4°C.

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

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



Press the **MONO** button. **MONO** is shown in the display, and the passenger's side temperature will be adjusted to the driver's side temperature.

Blower



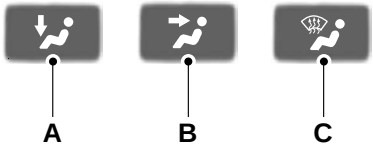
Use the buttons to adjust the blower speed.

The blower setting is shown 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.

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 button to change between automatic mode and recirculated air.

Note: When the system is in auto mode and the interior and exterior air 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 automatically re-select automatic mode.

Switching the automatic climate control off



Press the **OFF** 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



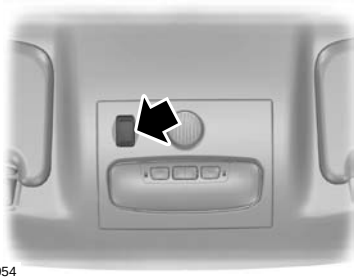
Heated rear window



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 (where fitted)



E78054

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.

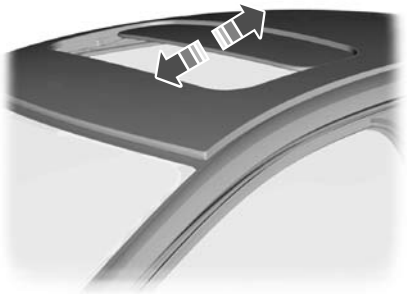
Note: The electric sunroof can also be operated with the ignition off via the global opening and global closing function. See **Global opening and closing** (page 37).

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.

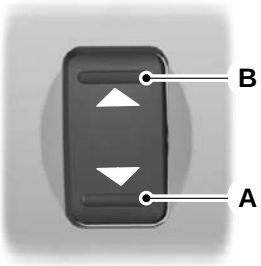
Switch on the ignition to operate the electric sunroof.

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

Opening and closing the sunroof



E72188

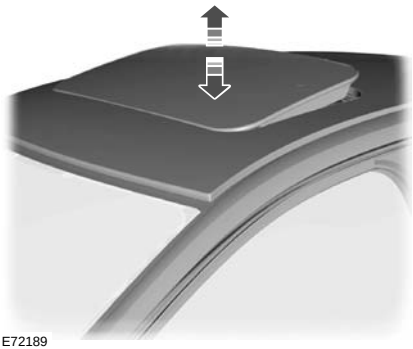


E72185

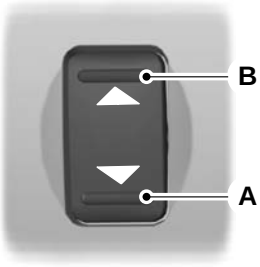
A Press to close

B Press to open

Tilting the sunroof



E72189



E72185

A Press to open

B Press to close

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, eg. 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

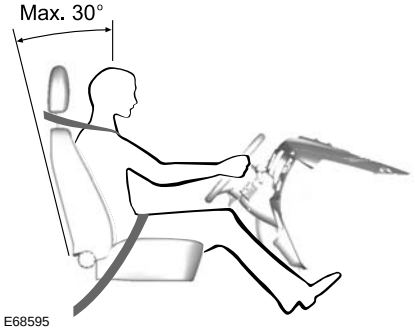

The anti-trap function is not active during this procedure. Make sure that there are no obstacles in the way of the closing sunroof.

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.

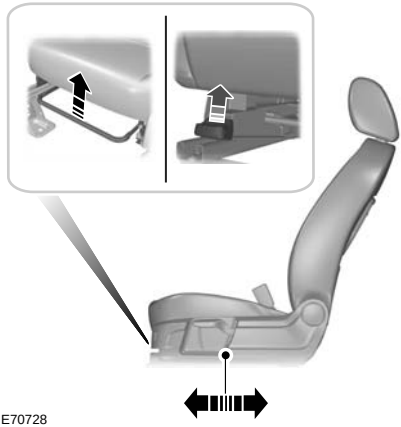
When you use them properly, the seat, head restraint, seat belt and airbags will provide optimum protection in the event of a collision. We recommend that you:

- 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 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 seatbelt 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


E70728

WARNING

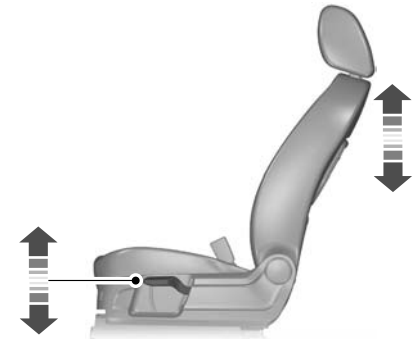
Rock the seat backwards and forwards after releasing the lever to make sure that it is fully engaged in its catch.

Adjusting the lumbar support



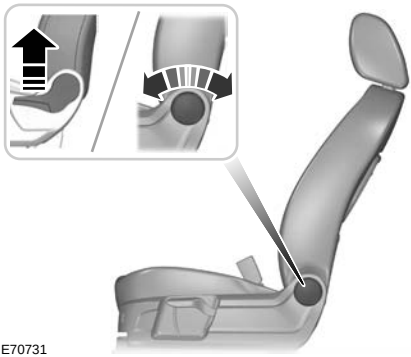
E70729

Adjusting the height of the driver's seat



E70730

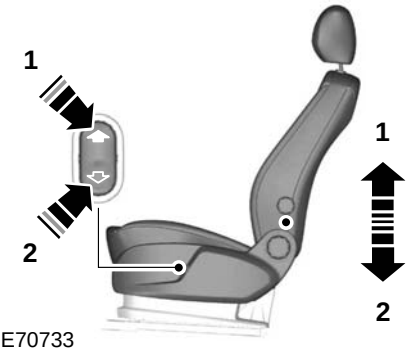
Adjusting the angle of the seatback



E70731

ELECTRIC SEATS (where fitted)

2-way electric seat



E70733

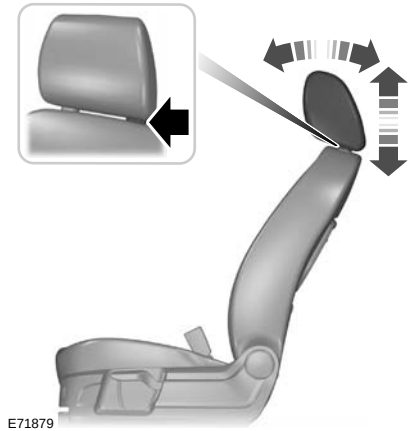
HEAD RESTRAINTS

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.



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.

Removing the head restraint

Press the locking buttons and remove the head restraint.

REAR SEATS

WARNINGS

When folding the seatbacks down, 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 seatbacks down

CAUTION

Lower the head restraints.



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

Creating a level load floor

WARNING

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

CAUTION

Lower the head restraints.



E86612

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

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.

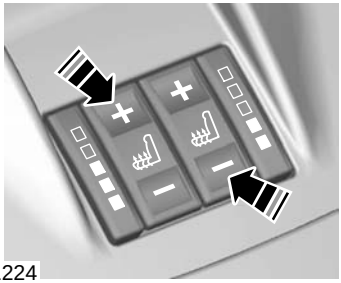
HEATED SEATS (where fitted)

CAUTION

Operating this function with the engine off will drain the battery.



E70601



E71224

Note: The settings are stored when you switch off the ignition.

INSTRUMENT LIGHTING DIMMER (where fitted)



E70723

CLOCK

Note: See **General information** (page 82).

1. From the main menu, select the clock function.
2. Select the option required.
3. Press **OK**.
4. Using the right, left, up and down arrow buttons, select and change the value.
5. Press **OK**.

CIGAR LIGHTER

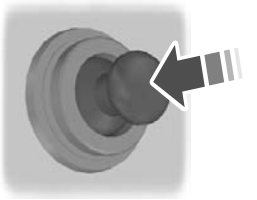
CAUTIONS

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: Switch the ignition on to use the cigar lighter. You can also use it for up to 30 minutes after you have switched the ignition off.

Note: You can use the socket to power 12 volt appliances that have a maximum current rating of 15 Amperes. Use only Ford accessory connectors or connectors specified for use with SAE standard sockets.

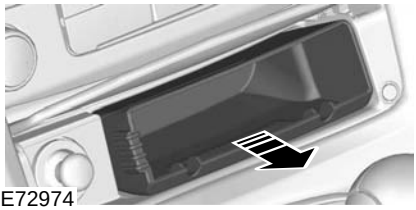


E72972

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

ASHTRAY

Front ashtray



E72974

To empty, pull out the complete ashtray.

Rear ashtray



E73705

To remove the ashtray, open it, press it down against the spring and remove it.

GLASSES HOLDER (where fitted)



E131605

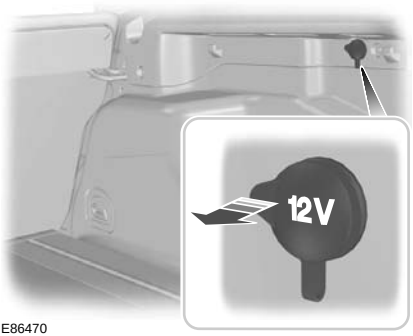
AUXILIARY POWER SOCKETS

CAUTION

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

Note: You can use the socket when the ignition is switched off.

Note: You can use the socket to power 12 volt appliances that have a maximum current rating of 15 Amperes. Use only Ford accessory connectors or connectors specified for use with SAE standard sockets.



E86470

CUP HOLDERS

WARNING

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

STORAGE COMPARTMENTS

WARNING

Do not drive with any storage compartment lid open. Make sure that you secure the lid before setting off.

CAUTION

Do not keep heat-sensitive items and liquids in any storage compartment.

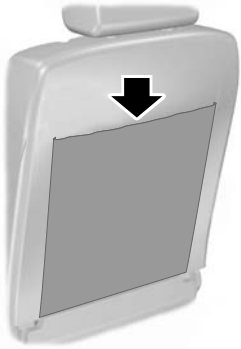


E73704



E72905

MAP POCKETS



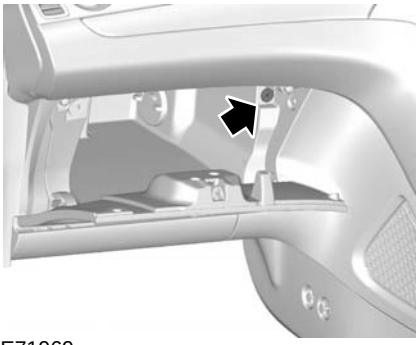
E74686

FLOOR MATS

WARNING

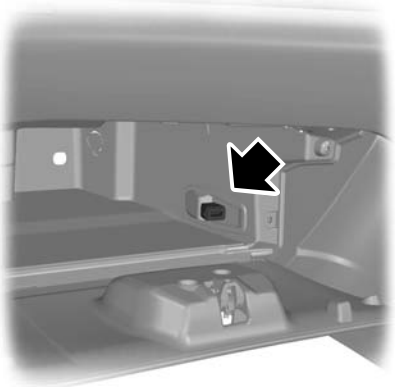
When using the floor mats, always make sure the floor mat is properly secured using the appropriate fixings and positioned so that it does not interfere with the operation of the pedals.

AUXILIARY INPUT (AUX IN) SOCKET



E71969

USB PORT (where fitted)



E104423

See **Connectivity** (page 245).

GENERAL INFORMATION

General points on starting

If the battery has been disconnected the vehicle may exhibit some unusual driving characteristics for approx. 8 kilometres 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 **Using booster cables** (page 185).

IGNITION SWITCH

WARNING

Never return the key to the 0 position 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.

KEYLESS STARTING (where fitted)

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 120).

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

Starting with automatic transmission

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

1. Make sure the transmission is in **P** or **N**.
2. Fully depress the brake pedal.
3. Press the start 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 brake pedal until engine cranking begins.

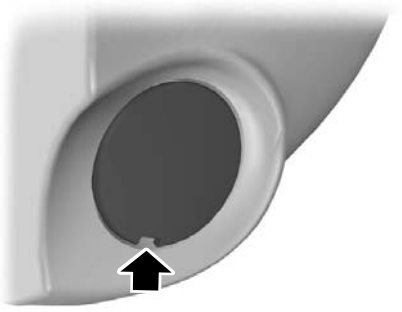
Failure to start

The passive starting system will not function if:

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

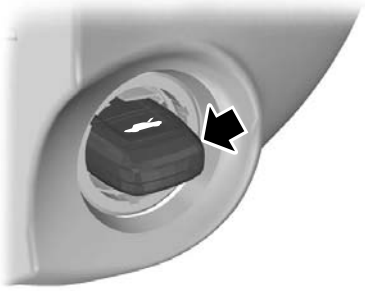
If you are unable to start your vehicle carry out the following procedure.

Type 2



E87381

1. Carefully prise out the cover.



E85767

2. Insert the key into the key holder.
3. With the key in this position you can use the start 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.

1. Move the selector lever to position **P**.
2. Press the start 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 start button for two seconds, or press three times within three seconds.

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.

Deactivating the steering wheel lock

Switch the ignition on, or press the brake pedal.

STARTING A PETROL ENGINE

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

Cold or hot engine

CAUTION

When the temperature is below -20°C, switch the ignition on for at least one second before starting the engine. This will make sure that the maximum fuel pressure is established for starting the engine.

Note: Do not touch the accelerator pedal.

1. Select park or neutral.
2. Fully depress the brake pedal.
3. Start the engine.

If the engine does not start within 15 seconds, wait for a short period and try again.

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

If you have difficulty starting the engine when the temperature is below -25°C, press the accelerator pedal between ¼ to ½ of its travel and try again.

Flooded engine

1. Select park or neutral.
2. Fully depress the accelerator pedal and hold it there.
3. Fully depress the brake pedal.
4. Start the engine.

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.

If the engine is cold then the idle speed will automatically be increased in order to heat the catalytic converter as quickly as possible. This ensures that vehicle emissions are kept 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

Note: When the temperature is below -15°C, you may need to crank the engine for up to 25 seconds. If you consistently operate the vehicle in such temperatures, we recommend that you have an engine block heater fitted.

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.

1. Select park or neutral.
2. Fully depress the brake pedal.
3. Start the engine.

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 or dry grass or other combustible material. The regeneration process requires very high exhaust gas temperatures and the exhaust will radiate a considerable amount of heat during and after regeneration, and after you have switched the engine off. This is a potential fire hazard.

CAUTION

Avoid running out of fuel.

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, occasional trips with the following conditions could assist the regeneration process:

- Drive your vehicle, preferably on a main road or motorway, for up to 20 minutes.
- Avoiding prolonged idling, but always observing 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.

Eco mode (where fitted)

PRINCIPLE OF OPERATION

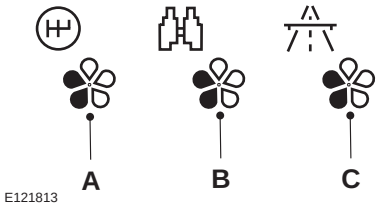
The system assists the driver to drive more efficiently by constantly monitoring characteristics of gear changing, anticipation of traffic conditions and speeds on motorways and open roads.

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



E121813

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 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 82).

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

The engine in your Mondeo has been optimised for operation on **95 octane unleaded** petrol that meets the specification defined by **EN 228**, or equivalent.

Your Mondeo can operate using 91 octane unleaded, however if you choose to do so, you may notice some minor loss of performance, economy and increase engine noise.

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

CAUTIONS

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

Your vehicle may use petrol that contains up to 10% ethanol. Do not use petrol containing more than 10% ethanol in your vehicle. Use of petrol containing more than 10% ethanol may be damaging to your vehicle and may affect your vehicle's warranty.

Owners should note that the use of petrol containing ethanol can be expected to increase the fuel consumption of your vehicle.

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.

Diesel - winter driving

Diesel fuel purchased in the city and coastal regions often has different cold temperature properties than diesel sold in Alpine regions. Wax may form in the vehicle's fuel lines if the vehicle is left outside overnight or for a number of hours in below zero temperatures.

This means that the vehicle will not start or run correctly until the wax has melted. To avoid this problem, if a prolonged or overnight stay is planned in an alpine region then it is strongly recommended that the vehicle carry enough fuel to get to the Alpine region and is then refuelled locally so that at least 50% of the fuel volume is Alpine mix diesel.

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

Victoria

Bright, Corryong and Mansfield

NSW

Jindabyne, Thredbo, Tumut, Talbingo, Adaminaby and Cooma.

Please confirm current availability at the time of your trip.

CATALYTIC CONVERTER

WARNING

Do not park your vehicle over dry leaves or dry grass. The exhaust will continue to radiate a considerable amount of heat after you have switched the engine off. This is a potential fire hazard.

Driving with a catalytic converter

CAUTIONS

Avoid running out of fuel.

Do not crank the engine for long periods.

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

Do not push-start or tow-start your vehicle. Use booster cables. See **Using booster cables** (page 185).

Do not switch the ignition off when driving.

FUEL FILLER FLAP

WARNINGS

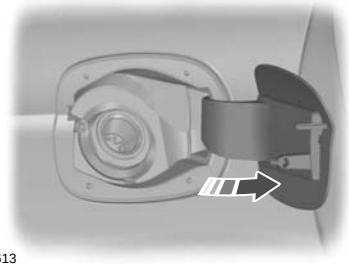
Take care when refuelling to avoid spilling any residual fuel from the fuel pipe nozzle.

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

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 20 centimetres.

Note: Central locking also locks and unlocks the fuel filler flap. See **Locking and unlocking** (page 35).



E86613

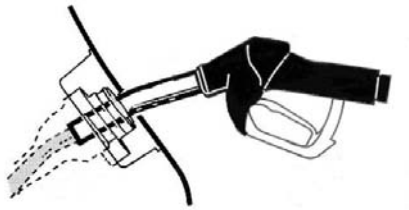
Press the flap to open it. Open the flap fully until it engages.

When you insert the fuel pipe nozzle, a spring loaded inhibitor will open if the correct size nozzle is detected. This will prevent filling up with the wrong fuel.

WARNING

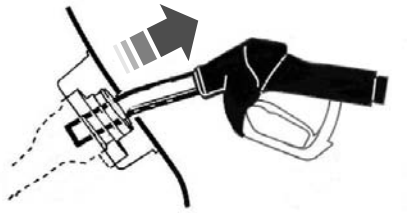
Stop refuelling after the fuel nozzle stops the second time. Additional fuel will fill the expansion space in the fuel tank which could lead to fuel overflowing. Fuel spillage could be hazardous to other road users.

Insert the fuel pipe nozzle up to the first notch on the nozzle, and keep it in position on the fuel filler opening.



WARNING

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



Slightly raise the fuel nozzle to remove it.

Vehicles with diesel engine

A funnel is located in the spare wheel well. Use this when refilling with a fuel can.

REFUELLING

CAUTION

Do not attempt to start the engine if you have filled the fuel tank with the incorrect fuel. This could damage the engine. Have the system checked by a properly trained technician immediately.

Low fuel level warning light



The warning light illuminates when there is enough fuel in the tank for the vehicle to travel 80km. This is calculated based on the current average fuel consumption. See **Distance to empty** (page 88) or **Average fuel consumption** (page 88).

Filling up

WARNINGS

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

- Place the approved fuel container on the ground.
- Do not fill the container whilst in the vehicle or utility tray.
- Keep the nozzle in contact with the fuel container whilst filling.

AUTOMATIC TRANSMISSION

Selector lever positions



E80836

P Park

R Reverse

N Neutral

D Drive

S Sport mode and manual shifting

WARNING

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

Note: A cold engine has a higher idle speed. This will increase the tendency for your vehicle to **creep** when you have selected a drive gear.

Press the button on the selector lever to select reverse and park.

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

Park

WARNINGS

Select park only when your vehicle is stationary.

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

WARNING

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

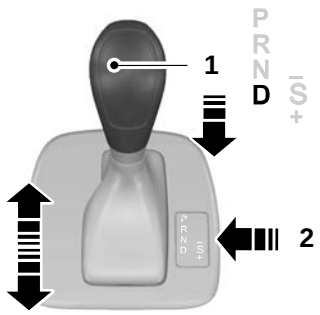
Neutral

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

Select drive to shift automatically through the forward gears.

Sport mode and manual shifting



E80837

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

Note: When you select position S, a gear change may occur depending on the accelerator pedal position in relation to actual vehicle speed.

Activate sport mode by moving the selector lever to position S. Sport mode will remain active until you shift manually up or down the gears.

Select manual shifting to shift manually through the forward gears. Push the selector lever forwards to shift down and pull it backwards to shift up.

Drive modes

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

Hints on driving with an automatic transmission

Moving off

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

Stopping

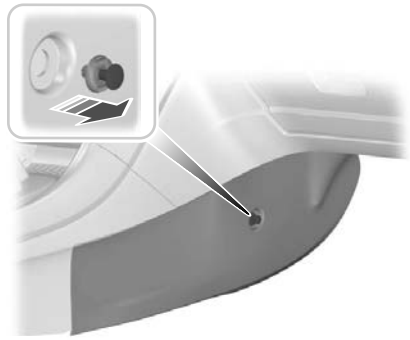
1. Release the accelerator pedal and press the brake pedal.
2. Apply the parking brake.

Kickdown

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

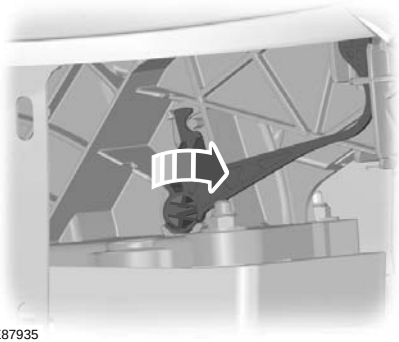
Emergency park position release lever

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



E87934

1. Remove the centre console side panel.



E87935

Note: The lever is yellow.

2. Insert a flat-bladed screwdriver into the slot and turn the screwdriver clockwise 90 degrees.

PRINCIPLE OF OPERATION

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 ABS

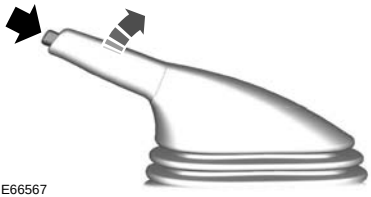
When the ABS is operating, the brake pedal will pulse. This is normal. Maintain pressure on the brake pedal.

The ABS will not eliminate the dangers inherent 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

Applying the parking brake



E66567

WARNING

Make sure that the parking brake is applied before you release the lever.

Note: Do not press the release button when you apply the parking brake.

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

Parking on a hill

If you have to park facing uphill, select first gear and turn the front wheels away from the kerb. If you have to park facing downhill, select reverse gear and turn the front wheels towards the kerb.

Releasing the parking brake

1. Press the brake pedal firmly.
2. Pull the parking brake lever upwards slightly, press the release button and push the lever downwards.

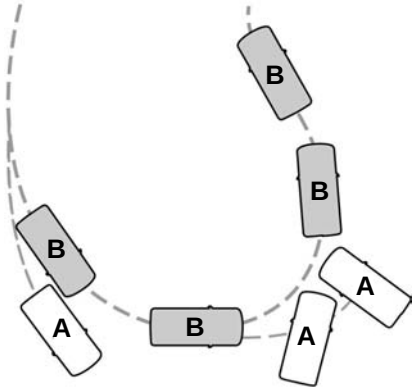
PRINCIPLE OF OPERATION

Dynamic stability control (DSC/ESP)

Note: Dynamic stability control (DSC) is also known as Electronic stability control (ESC) or Electronic stability program (ESP).

WARNINGS

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



E72903

A without DSC

B with DSC

The DSC/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 if the wheels spin when you accelerate. This improves your ability to pull away on slippery roads or loose surfaces, and improves comfort by limiting wheel spin in hairpin bends.

Stability control (DSC/ESP) warning lamp

While driving, it flashes during activation of the system. See **Warning lamps and indicators** (page 78).

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.

USING STABILITY CONTROL

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

Vehicles with stability control (DSC/ESP) switch



Press and hold the switch for one second. The switch will illuminate. A message will be shown in the display. See **Information messages** (page 91).

Press the switch again to turn the system on.

For item location: See **Quick start** (page 11).

Vehicles without stability control (ESP) switch

Turn the system off and on using the information display. See **Information displays** (page 82).

Hill start assist (where fitted)

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 two to three seconds 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.

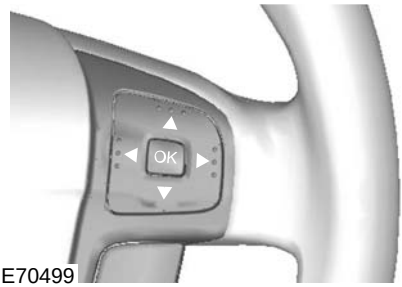
WARNING

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

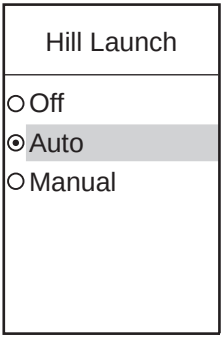
USING HILL START ASSIST

The system can operate in either automatic or manual mode. If you select automatic mode, the system is activated automatically when the vehicle is on a slope and you press the brake pedal. If you select manual mode, you must activate the system using the brake pedal.

To set the system mode:



E70499



E74629

1. Press the right arrow button on the steering wheel to enter the main menu.
2. Highlight **Setup** with the up and down buttons and press the right arrow button.
3. Highlight **Hill Launch** and press the right arrow button.
4. Highlight the desired setting and press the **OK** button to confirm the setting. If **Off** is selected, the HLA is switched off and cannot be activated either automatically or manually.

5. Press the left arrow button to exit the menu. To return to the trip computer display directly, hold the left arrow button pressed.

Note: When the system is in manual activation mode, only use the system when pulling away uphill on gradients greater than 3%. If the vehicle is on the flat or on a downhill slope, an active system will make it difficult to pull away smoothly.

Activating the system

WARNINGS

You must remain in the vehicle once you have activated the system. Any attempt to leave the vehicle will deactivate the system automatically.

The system is active only if the message **Hill Launch Assist active** is displayed in the information display. During all times you are responsible for controlling the vehicle, supervising the system and intervening, if required.

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

- The engine is running.
- The HLA is switched on (automatic or manual mode).
- The parking brake is fully disengaged.
- On vehicles with manual transmission, the clutch pedal is pressed.
- On vehicles with automatic transmission, the driver door is closed.
- No failure mode is present.

To activate the system in automatic mode:

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 and the right driving direction is selected (first gear if the vehicle is pointing uphill, reverse gear if the vehicle is pointing downhill), the system will be activated automatically. **Hill Launch Assist active** will appear in the display.
3. When you remove your foot from the brake pedal, the vehicle will remain on the slope without rolling away for approximately two to three seconds.
4. Pull away using the accelerator and clutch pedal. The brakes will be released automatically.

To activate the system in manual mode:

1. Press the brake pedal to bring the vehicle to a complete standstill. Keep the brake pedal depressed.
2. Quickly jab the brake pedal further until **Hill Launch Assist active** appears in the display. The system is now active.
3. When you remove your foot from the brake pedal, the vehicle will remain on the slope without rolling away for approximately two to three seconds.
4. Pull away using the accelerator and clutch pedal. The brakes will be released automatically.

WARNING

When the system is active and the system detects a failure, the system is deactivated and the message **Please use park brake!** followed by **Hill Launch A. not available** will be displayed. The vehicle is still safe to be driven and can be repaired during the next service. The message **Hill Launch A. not available** will also be displayed with manual activation during a failure or if one of the activation criteria is not met. If you have switched the system off, no messages will be displayed.

Deactivating the system

To deactivate the system, perform one of the following:

- Apply the parking brake.
- Wait for two to three seconds 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.

Hill Launch Assist off will appear in the instrument cluster display.

Parking aid (where fitted)

PRINCIPLE OF OPERATION

WARNING

The parking aid 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.

Take particular care when reversing with a tow ball arm or rear fitted accessories e.g. a bicycle carrier, as the rear parking aid will only indicate the distance from the bumper to the obstacle.

If you use a high pressure spray to wash your vehicle, only spray the sensors briefly from a distance not less than 20 centimetres.

Note: On vehicles fitted with a tow ball arm, the 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.

USING THE PARKING AID

Switching the parking aid on and off

Note: The parking aid switches off automatically when you start the engine or when you exceed 16 km/h.

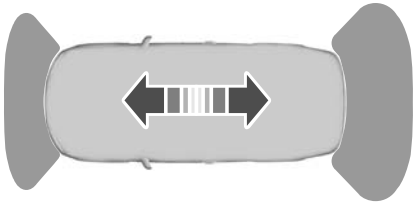
Note: The front and rear sensors are always activated or deactivated together.

The parking aid is per default off. To switch the parking aid on, press the switch in the instrument panel or select reverse gear.

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

To turn it off, press the switch again.

Manoeuvring with the parking aid



E72902

Note: If a high pitch warning tone sounds for three seconds and the light in the switch is flashing, it indicates a malfunction. The system will be disabled. Have the system checked by properly trained technicians.

You will hear an intermittent tone at a distance of up to approximately 150 centimetres between the obstacle and rear bumper, 80 centimetres between the obstacle and front bumper and 50 centimetres to the side. Decreasing the distance accelerates the intermittent tone. A continuous tone will start at a distance of less than 30 centimetres.

You will hear an alternating tone from the front and rear if obstacles are closer than 30 centimetres to the front and rear bumpers.

PRINCIPLE OF OPERATION

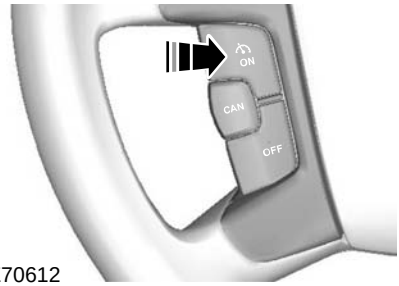
Cruise control allows you to control your speed using the switches on the steering wheel. You can use cruise control when you exceed 30 km/h.

USING CRUISE CONTROL

WARNING

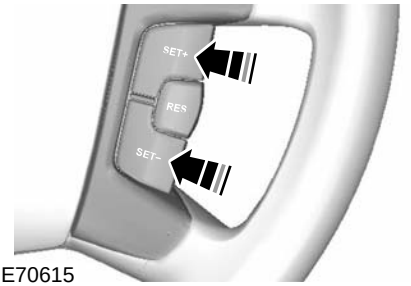
Do not use cruise control in heavy traffic, on twisty roads or when the road surface is slippery.

Switching cruise control on



E70612

Setting a speed



E70615

Press the **SET+** switch or the **SET-** switch to store and maintain your current speed. The cruise control indicator illuminates.

Changing the set speed

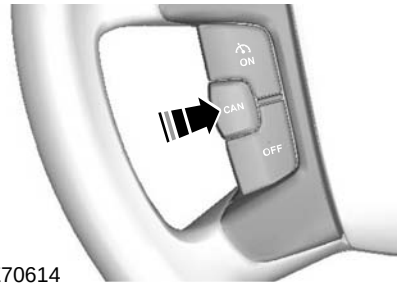
WARNING

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 **RES** 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.

Press the **SET+** switch or the **SET-** switch to accelerate or decelerate.

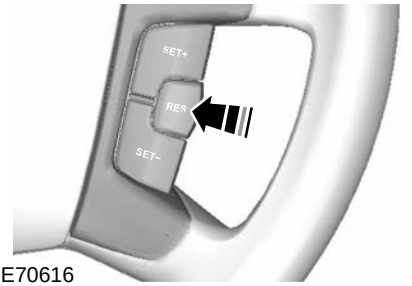
Cancelling the set speed



E70614

Press the brake pedal or the **CAN** switch. The system will no longer control your speed. The cruise control indicator will go off but the system will retain the speed that you previously set.

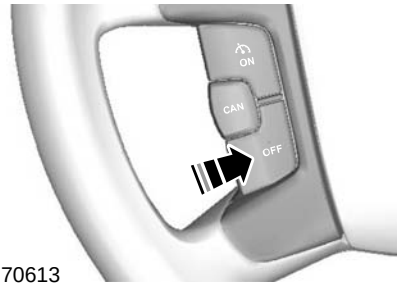
Resuming the set speed



E70616

Press the **RES** switch. The cruise control indicator illuminates and the system will attempt to resume the speed that you previously set.

Switching cruise control off



E70613

Press the **OFF** switch. The system will not retain the speed that you previously set. The cruise control indicator will go off.

Adaptive cruise control (ACC) (where fitted)

PRINCIPLE OF OPERATION

The adaptive cruise control 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.

WARNINGS

Adaptive cruise control 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 145). You must intervene if the system does not detect a vehicle in front.

Adaptive cruise control cannot cover all traffic, weather and road conditions.

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 adaptive cruise control does not brake for slow or stationary vehicles.

When ACC is activated, you may hear some unusual sounds during automatic braking. This is normal and caused by the automatic braking system.

The adaptive cruise control 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.

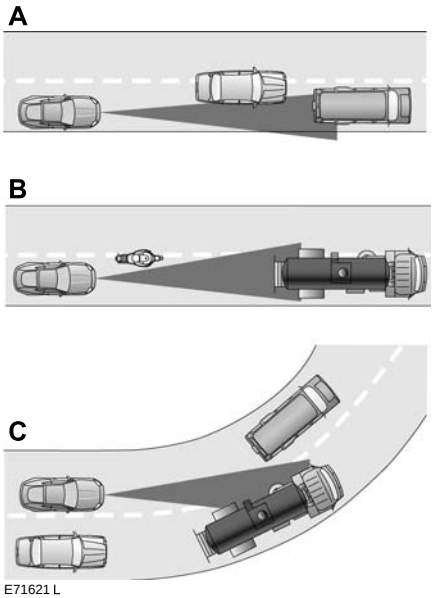
The radar sensor is mounted behind the front grille, immediately to the right of the Ford badge (when viewed from the front of the vehicle).

When using ACC, follow the strict guidelines below:

- 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.
- It is your responsibility to stay alert, drive safely and be in control of the vehicle at all times.
- 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.
- Do not use ACC 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.

Detection beam issues



E71621 L

Detection issues can occur:

- When driving on a different line to the vehicle in front (**A**).
- With vehicles that edge into your lane that can only be detected once they have moved fully into your lane (**B**). Motorcycles may be detected late, or not at all.
- There may be issues with the detection of vehicles in front when going into and coming out of a bend (**C**). The detection beam will not follow sharp curves in the road.

WARNING

In these cases ACC may brake late or unexpectedly. The driver should stay alert and intervene if required

Automatic braking with ACC

Adaptive cruise control 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.

WARNING

You must take immediate action once alerted, as the ACC braking will not be sufficient to keep a safe distance to the vehicle in front.

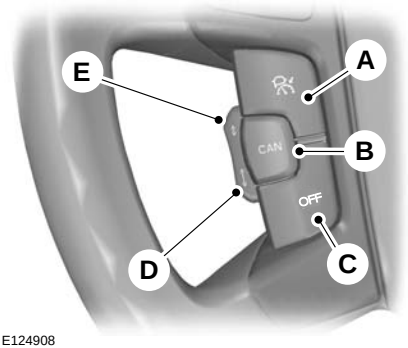
USING ACC

The system is operated by adjustment controls mounted on the steering wheel. The system is deactivated when the brakes or clutch are used, the gear selector is moved to a neutral position or if the accelerator pedal is depressed for a longer period. The system will change to standby mode, allowing you full manual control of the vehicle.

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. ACC override is displayed in the information display.

Adaptive cruise control (ACC) (where fitted)

Vehicles without speed limiter



E124908

A ACC on

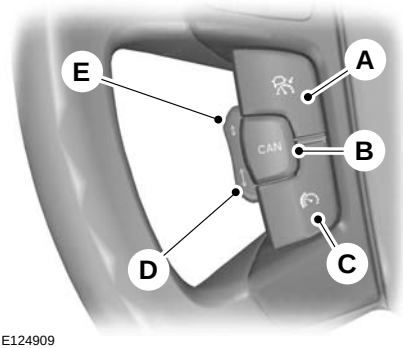
B ACC cancel

C ACC off

D ACC gap increase

E ACC gap decrease

Vehicles with speed limiter



E124909

A ACC on/off

B ACC cancel

C Speed limiter on/off

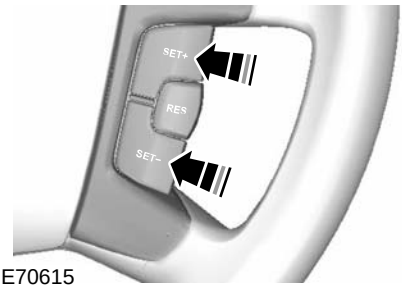
D ACC gap increase

E ACC gap decrease

Switching ACC on

Press switch **A**. The system is set to standby mode and **Standby** is displayed in the information display.

Setting a speed



E70615

Note: The system must be in **Standby** mode.

Press the **SET+** switch or the **SET-** switch to select your desired cruise speed. The speed is displayed in the information display and stored as the set speed. The **ACC** indicator illuminates.

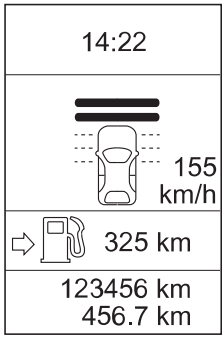
Note: Vehicle speed may be increased and decreased at intervals of 5 km/h. Smaller increases of 1 km/h may be set by pressing the **RES** switch.

Changing the set speed

Press the **SET+** switch or the **SET-** switch to accelerate or decelerate.

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.

Setting the vehicle gap

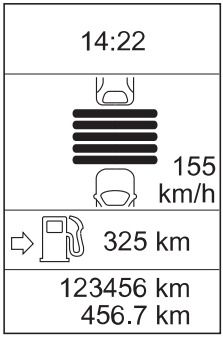


E82311

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 denotes the smallest gap and five bars indicate 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.

Press 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. The recommended gap setting is three to five bars.

Note: The gap setting is time dependant and therefore the distance will automatically adjust with your speed. For example on a gap setting of three bars, the time gap is 1.8 seconds. This will mean that at a speed of 100 km/h, the distance to the vehicle in front will be maintained at 50 metres.

CAUTION

Use the appropriate gap setting in accordance with local traffic regulations.

Cancelling ACC

Press the brake pedal, or switch **B**. The system will return to standby mode but will retain the set speed and gap in the memory. The **ACC** indicator will go off.

Resuming ACC

Press the **RES** switch. The **ACC** indicator illuminates and the system will resume with the previously set speed and vehicle gap setting if conditions permit.

Switching ACC off

Vehicles without speed limiter

Press switch **C**.

Note: Pressing switch **C** does not return the system to standby mode. The stored speed is not retained.

Note: To temporarily deactivate the system press switch **B**.

Vehicles with speed limiter

Press switch **A**.

Note: Pressing switch **A** does not return the system to standby mode. The stored speed is not retained.

Note: To temporarily deactivate the system press switch **B**.

Automatic deactivation

The system is dependent on various other safety systems, for example ABS and DSC/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 **ACC cancel** is displayed in the information display. 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
- Wheels lose traction
- Brake temperature is high, for example when driving on mountainous or hilly roads
- Engine speed is too low
- Radar sensor is covered
- Parking brake or electric parking brake (EPB) is applied.

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 the dynamic stability control (DSC/ESP) has been manually switched off.

FORWARD ALERT FUNCTION

The system assists you by warning of the risk of a collision, and reducing the severity of a collision with a vehicle in front. This works by using two methods:

- You are alerted to a potential collision so you may brake earlier than normal.

- Brake support is activated to enable full braking effectiveness.

The collision alerts will only occur if the system is switched on, however the brake support is always on and cannot be turned off. Warnings are both visual and audible. Brake support is activated automatically if necessary to reduce the collision speed. The brake support system only reduces the collision speed if you brake immediately once alerted.

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.

The system alerts you by warning chimes and a visual warning in the information display. See **Information messages** (page 91).

When forward alert is activated a red flashing warning triangle is displayed in the information display. See **Warning lamps and indicators** (page 78).

The system does not operate in all driving situations and traffic, weather and road conditions.

The radar sensor detects vehicles in front that are driving in the same direction as you. If the risk of collision still increases after the initial warning then brake support is activated. Brake support prepares the brake system for rapid braking and the brakes are applied gently, which may be noticed as a slight jerk. 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.

CAUTION

Warnings may be triggered late, be absent or triggered unnecessarily if the traffic situation means that the radar sensor cannot accurately detect a vehicle in front. The system uses the same radar sensors as adaptive cruise control (ACC) and therefore has the same limitations. See **Principle of operation** (page 141).

Note: The system may be used with or without the ACC system being activated.

Switching forward alert on/off

See **General information** (page 82).

Adjusting the warning sensitivity

You may adjust the system warning sensitivity using the buttons on the steering wheel. See **General information** (page 82).

This controls how early the visual and audible warning is activated.

Speed limiter (where fitted)

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.

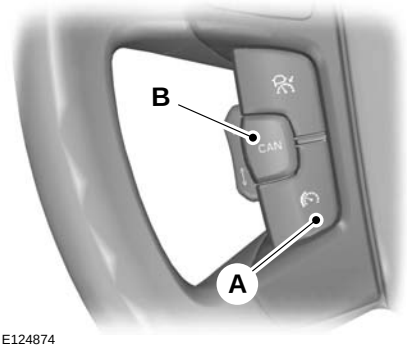
The system allows you to set a speed, to which the vehicle then becomes limited. The set speed will become the effective maximum speed of the vehicle, but with the option to temporarily exceed this limit if required.

USING THE SPEED LIMITER

The system is operated by adjustment controls mounted on the steering wheel.

Press button **A** to switch the system on and off. The information display will prompt for a speed to be set.

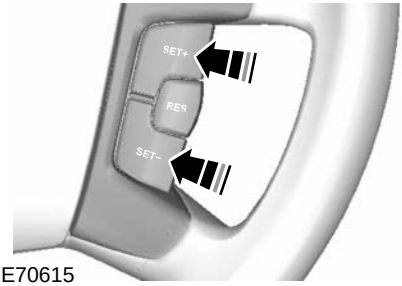
Note: The set speed limit can be intentionally exceeded for a short period if required, for example when overtaking.



E124874

Setting the speed limit

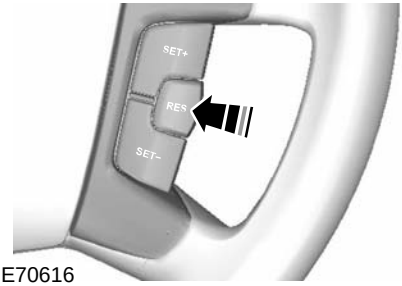
Use the cruise control switches to alter the maximum speed setting.



E70615

Press the **SET+** switch or the **SET -** switch to select your desired speed limit. The speed is indicated in the information display and stored as the set speed.

Press button **B** to cancel the limiter and place it in standby mode. The information display will confirm deactivation by showing the set speed crossed out.



E70616

Press the **RES** button to resume the limiter. The information display will confirm the system is active by showing the set speed again.

Intentionally exceeding the speed limit

Depress the accelerator hard close to the full pedal travel and the limit will temporarily deactivate. The system will reactivate once the vehicle speed drops below the set speed.

System warnings

If the set limit is accidentally exceeded 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.

Driver alert (where fitted)

PRINCIPLE OF OPERATION

WARNINGS

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

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

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

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

CAUTIONS

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

Windscreen repairs must not be carried out in the immediate area surrounding the camera sensor.

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

The system may not operate in areas during roadworks construction.

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

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

Note: The system calculates an alertness score at vehicle speeds above approximately 65 km/h.

Note: The system is intended as a driver aid when driving on fast main roads and motorways.

The system automatically monitors your driving behaviour using various inputs including the front camera sensor.

If the system detects that you are becoming drowsy or there is a deterioration in your driving, the system will alert you.

USING DRIVER ALERT

Switching the system on and off

Note: The system status will remain unchanged during ignition cycles.

Activate the system using the information display. See **Information displays** (page 82).

Once activated the system will calculate your alertness level based upon your driving behaviour in relation to the lane markings, and other factors.

The warning system is in two stages. At first the system issues a temporary warning that a rest should be taken. This message will only appear for a short time.

If a rest is not then taken a further warning may be issued which will remain in the information display until cancelled.

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

Driver alert (where fitted)

System display

Note: The system will not issue warnings below approximately 65 km/h.

When active the system will run automatically in the background and only issue warnings if required. You can view the status at any time using the information display.

Select **Information** then **Driver Alert** to show the status screen in the information display.

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



E131358

Alertness level is fine, no rest required.



E131359

Alertness level is critical, indicating that a rest should be taken as soon as safely possible.

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

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

Lane Departure Warning (where fitted)

PRINCIPLE OF OPERATION

WARNINGS

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

If the camera sensor becomes blocked the system may not function.

Lane markings may not always be properly tracked by the sensor. Other structures or objects may sometimes be incorrectly detected as a lane marking, resulting in a false or missed warning.

CAUTIONS

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

If you drive too closely to vehicles ahead the system may not be able to track the lane markings properly.

The system may not operate in areas during roadworks construction.

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

Windscreen repairs must not be carried out in the immediate area surrounding the camera sensor.

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

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

Note: The system is intended as a driver aid when driving on fast main roads and motorways.

Note: The system may not operate during hard braking or acceleration, and when you are intentionally steering the vehicle.

Note: The system will only operate above vehicle speeds of approximately 65 km/h.

The system will automatically detect and track the lane markings on the road. If it detects that the vehicle is unintentionally drifting towards the lane boundaries then a visual warning will be displayed in the information display. There is also a warning given in the form of a vibration felt through the steering wheel.

A camera sensor is centrally mounted behind the windscreen of the vehicle and monitors conditions continuously to alert you of unintentional lane drifting at high speeds.

Intentional crossing of lanes coupled with use of the correct direction indicator will not activate the system.

Note: The system will operate with only one tracked lane marking, or two if the road has multiple lanes visible to the camera.

USING LANE DEPARTURE

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 78).

Note: The system status and settings will remain unchanged during ignition cycles.

Activate the system using the switches on the indicator stalk.



E131360

A Lane departure warning on

B Lane departure warning off

Setting the steering wheel vibration level

The system has three intensity levels which can be set using the information display. See **General information** (page 82).

Setting the system sensitivity

You can adjust how quickly the system warns you of a dangerous situation. The system has two sensitivity levels which can be set using the information display. See **Information displays** (page 82).

System warnings

Once activated the system will display the status of the vehicle in relation to the lane markings.



E131361

A column of dots or circles are displayed either side of the vehicle graphic, representing the lane markings.



E131362

The system will only operate above vehicle speeds of approximately 65 km/h. At speeds lower than this the system will be inactive and lane markings are shown as a series of circles.

Lane Departure Warning (where fitted)



E131363

Once active the system will show detected lane markings as two columns of solid dots.

The dots are colour coded as follows:

- Green - The system is ready to warn you if an unintentional lane departure may occur.
- Red - The vehicle is approaching or is too close to the detected lane boundary. Take immediate safe action to reposition the vehicle.
- Grey - Right or left-hand lane boundary is suppressed. This may be due to a number of factors, but most commonly if the turn indicator for that side has been activated or if the camera is not tracking a lane marking.

Instances where a lane boundary may be suppressed:

- Lane markings on the road may not be detected by the camera sensor.
- The direction indicator for that side of the vehicle is on.
- During hard acceleration and braking, or if direct steering is applied.
- If ABS or Stability Control (DSC/ESP) is active.
- Narrow lane width.

If the dots turn red or a vibration is felt through the steering wheel you must take immediate and safe action to align the vehicle and correct any unintended lane drift.

GENERAL INFORMATION

WARNINGS

Use load securing straps to an approved standard.

Make sure that you secure all loose items properly.

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

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

Do not exceed the maximum front and rear axle loads for your vehicle. See **Vehicle identification** (page 196).

Heavy loads, when placed in the passenger compartment, should be on folded rear seats as shown. See **Rear seats** (page 112).

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 ANCHOR POINTS

5-door



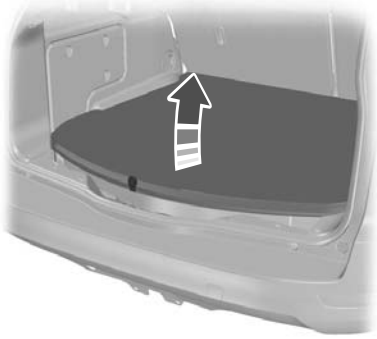
E86913

Wagon



E86912

REAR UNDER FLOOR STORAGE

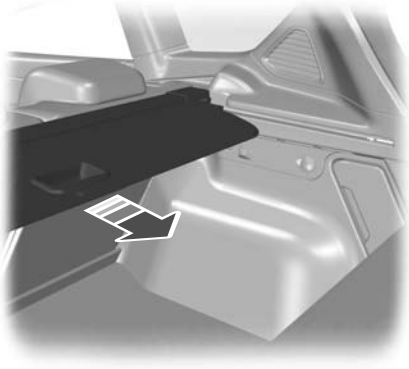


E87689

LUGGAGE COVERS

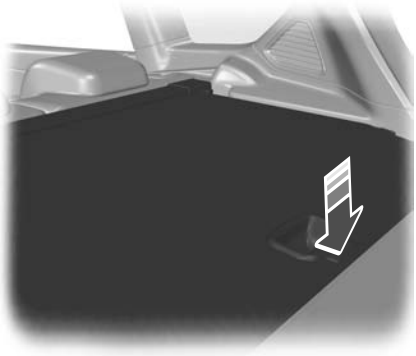
WARNING

Do not place objects on the luggage cover.



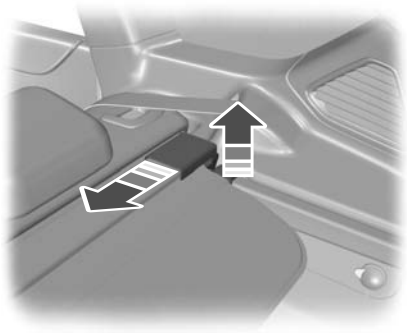
E112571

Pull out the cover until it locks.



E112572

Release it from the retaining points by pressing below the handle. Let it roll slowly back into the case.



E112588

To remove or install the cover, push either end of the case inwards.

ROOF RACKS AND LOAD CARRIERS

Roof rack

WARNINGS

If you use a roof rack, the fuel consumption of your vehicle will be higher and you may experience different driving characteristics.

Read and follow the manufacturer's instructions when you are fitting a roof rack.

CAUTION

Do not exceed the maximum permissible roof load of 75 kilograms (including the roof rack).

Check the security of the roof rack and tighten its fittings as follows:

- Before starting
- After driving 50 kilometres
- At 1,000 kilometres intervals.

To minimise wind noise when the roof rack is not in use, cross rails should be moved rearwards and placed together. To reduce fuel consumption, cross rails should be removed when not in use.

DOG GUARD

CAUTION

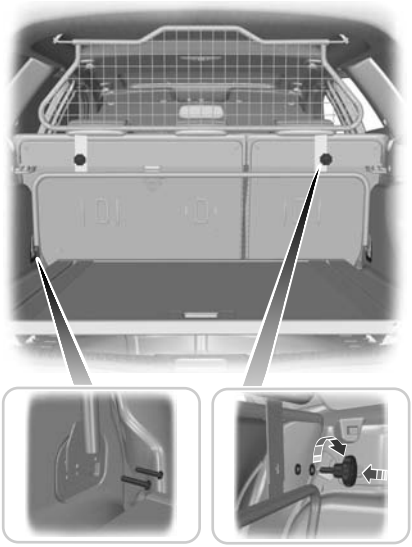
Keep a distance of at least one centimetre between the dog guard and the seats in front of it.

Installing behind the rear seats



E86848

1. Push the ends of the bar on the grille towards each other and insert them into the retainers on the roof. Push the bar forwards into the narrow section of the retainers.



E104424

2. Remove two screws from both the luggage anchor points. See **Luggage anchor points** (page 154).
3. Attach the lower bar to the grille with the hand wheels. Do not tighten the hand wheels.
4. Attach the dog guard lower bar to the luggage anchor points, secure with the new supplied screws.
5. Tighten the hand wheels.

Remove in the reverse order.

TOWING A TRAILER

WARNINGS


Do not exceed 100 km/h.


The rear tyre pressures must be increased by 0.2 bar (3 psi) above specification. See **Technical specifications** (page 195).


Do not exceed the maximum gross train weight stated on the vehicle identification plate. See **Vehicle identification** (page 196).


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

CAUTION


Do not exceed the maximum permissible nose weight, i.e. vertical weight on the tow ball of 120kg on petrol and 160kg on diesel.

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

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

In high altitude regions above 1,000 metres (3,281 feet), the stipulated maximum permitted gross train weight must be reduced by 10% for every additional 1,000 metres (3 281 feet).

Steep gradients

WARNING


The overrun brake on a trailer is not controlled by ABS.

Standard duty towpack (1200kg)

Equipment required

- Ford approved towbar
- Ford approved gooseneck
- Ford approved trailer wiring kit
- Ford approved trailer wiring module
- Ford approved towball

Heavy duty towpack (1600kg)

Equipment required

- Ford approved towbar
- Ford approved load levelling kit
- Ford approved gooseneck
- Ford approved trailer wiring kit
- Ford approved trailer wiring module
- Ford approved towball

Load limits

Vehicle		Braked/ Unbraked Trailer[1]
5-door	2.3L Duratec-HE	1200kg/750kg
	2.0L Duratorq-TDCi	1600kg[2]/750kg
Wagon	2.3L Duratec-HE	1200kg/750kg
	2.0L Duratorq-TDCi	1600kg[2]/750kg

[1] Subject to State and Territory regulations

[2] When fitted with a genuine Ford heavy duty towpack with load levelling kit.

The weight of the trailer and all its load and equipment (gross trailer weight) must not be greater than the load limits shown in the table.

The weight on the towball must not be greater than 120kg on petrol and 160kg on diesel. The load imposed on the rear tyres of the towing vehicle must not exceed the maximum rear axle load of 1190kg.

General equipment advice

Load the trailer so that the weight on the towball is 10% of the towed weight to avoid overloading the vehicle and detracting from its handling.

Torque the towball retaining nut to 175Nm (130 lb ft), or to the manufacturer's specification and check the torque frequently.

If the towball tongue or the towball obscures the registration number plate or is a hazardous projection, remove it from the vehicle when not in use.

Booster springs or 'Super Lift' shock absorbers do not increase the load capacity of the vehicle.

To retain the benefits of the Ford vehicle warranty, do not exceed the load limits.

Vehicle operation

The behaviour of your vehicle will change while towing a trailer. If your trailer runs off the paved highway surface onto the road shoulder, resist the temptation to quickly turn the steering wheel to bring the trailer back onto the road.

Instead, allow the left wheels of the vehicle to also run off onto the shoulder (if safe) then wait for the right conditions to steer the vehicle the vehicle back onto the road. This should reduce any abrupt swerving reaction.

Ford approved load levelling kits are required for use with the Ford heavy duty towpack.

RUNNING-IN

Tyres

WARNING

New tyres need to be run-in for approximately 500 kilometres. During this time, you may experience different driving characteristics.

Brakes

WARNING

Avoid heavy use of the brakes and clutch if possible for the first 150 kilometres in town and for the first 1,500 kilometres on motorways.

Engine

CAUTION

Avoid driving too fast during the first 1,500 kilometres. Vary your speed frequently and change up through the gears early. Do not labour the engine.

GENERAL DRIVING POINTS - VEHICLES WITH: SPORTS SUSPENSION

The distance between the underside of your vehicle and the ground is reduced compared to other models. Drive with extreme care to avoid damage to your vehicle.

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 mm and at a maximum speed of 10 km/h. Extra caution should be exercised when driving through flowing water.

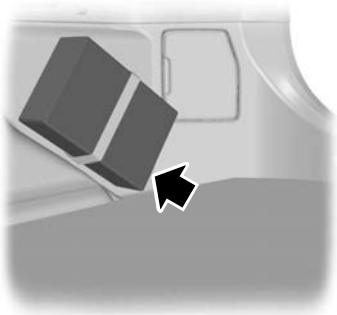
When driving in water, maintain a low speed and do not stop the vehicle. After driving through water, and as soon as it is safe to do so:

- 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

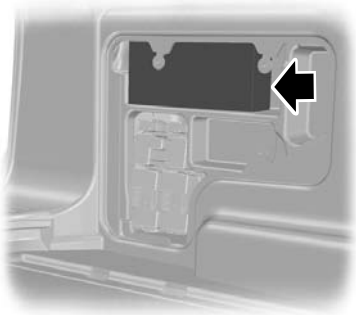
Space is provided in the luggage compartment.

5-door



E87655

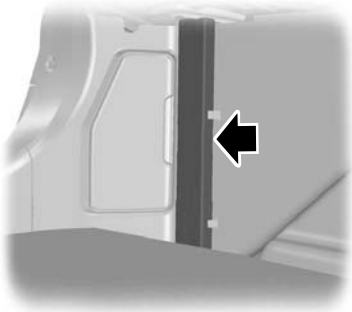
Wagon



E87656

WARNING TRIANGLE

5-door



E87657

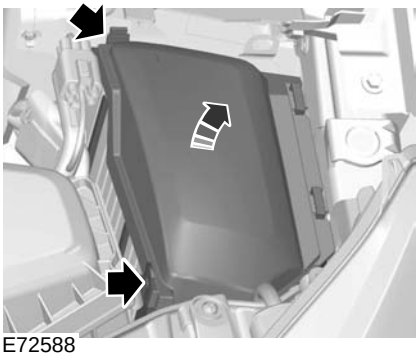
Space is provided in the luggage compartment.

Wagon

Space is provided under the carpet. See **Rear under floor storage** (page 155).

FUSE BOX LOCATIONS

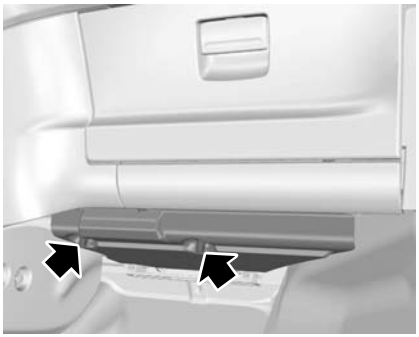
Engine compartment fuse box



E72588

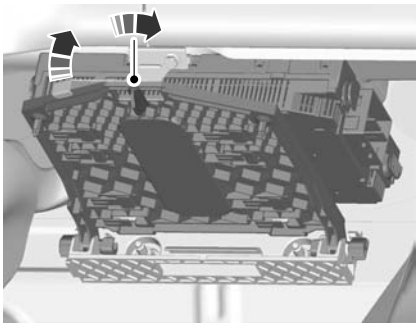
Central fuse box

All vehicles



E72589

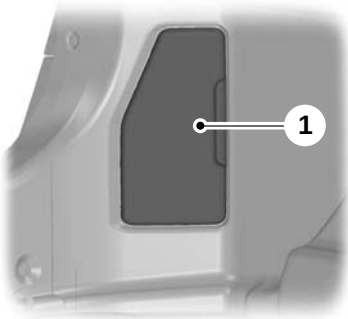
1. Loosen the screws.



E72590

2. Turn the knob through 90 degrees and release the fuse box from the retaining bracket.
3. Lower the fuse box and pull it towards you.
4. Install in the reverse order.

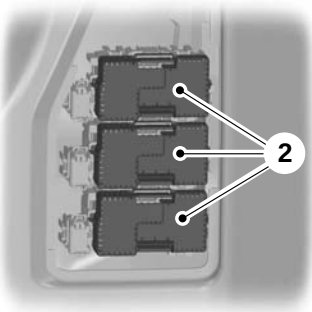
Rear fuse box - 5-door



E87481

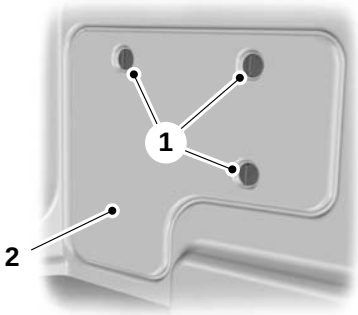
1. Remove the cover.

2. Remove the relevant fuse box cover.



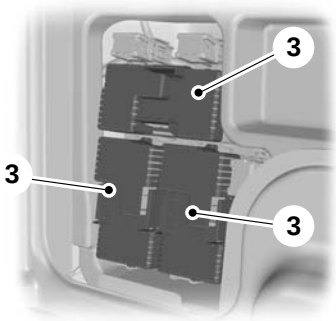
E87482

Rear fuse box - Wagon



E87479

1. Release the catches.
2. Remove the cover.



E87480

3. Remove the relevant fuse box cover.

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.

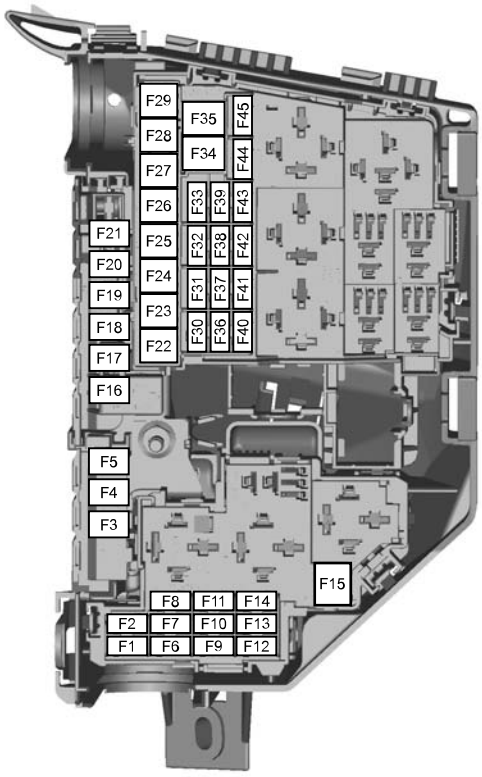
Note: You can identify a blown fuse by a break in the filament.

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



E75525

Fuse	Ampere rating	Circuits protected
F1	10	Transmission control module (AWF21)
F1	15	Transmission control module (MPS6)
F2	5	Glow plug monitoring (diesel engines)
F2	5	Vaporiser glow plug monitoring (2.0L Duratorq-TDCi Stage V)

Fuses

Fuse	Ampere rating	Circuits protected
F3	70 [1]	Engine cooling fan - twin fan (2.3L Duratec-HE)
F3	80 [1]	Electric hydraulic power steering (EHPAS) (2.0L Duratorq-TDCi)
F4	60	Glow plugs
F5	60	Engine cooling fan
F6	10	HEGO sensors 1 (engine management), variable valve timing (engine management), CMS sensor, Oxygen sensor
F6	20	Vaporiser glow plug
F7	5	Relay coils
F8	10	Powertrain control module
F8	20	Powertrain control module (2.0L Duratorq-TDCi Stage V)
F9	10	MAF Sensor, Swirl Control Valve , Fuel Injectors, CCV PTC Heater, Variable Intake Valve, Variable Exhaust Valve (engine management)
F9	5	Fuel pump vaporiser (2.0L Duratorq-TDCi Stage V)
F10	10	Engine control module
F11	10	PCV Valve, VCV Valve, Water in Fuel Sensor, Sonic Purge Valve, Swirl Control Valve, Variable Intake Valve, EGR Valve, IVVT Oil Control Valve (engine management)
F11	5	MAF sensor, Water in Fuel Sensor (2.0L Duratorq-TDCi Stage V), Active grille shutter
F12	10	EGR Throttle, Variable Turbo Control Valve, Coil on Plug; Canister Purge Valve, Power Steering Pressure Switch (engine management)
F12	5	Relay coils (2.0L Duratorq-TDCi Stage V)
F13	15	Air conditioning relay
F14	15	Diesel filter heater (2.0L Duratorq-TDCi Stage V)
F14	20	Brake vacuum pump
F14	10	HEGO sensors (2.2L Duratorq-TDCi Stage V)
F15	40	Starter relay

Fuses

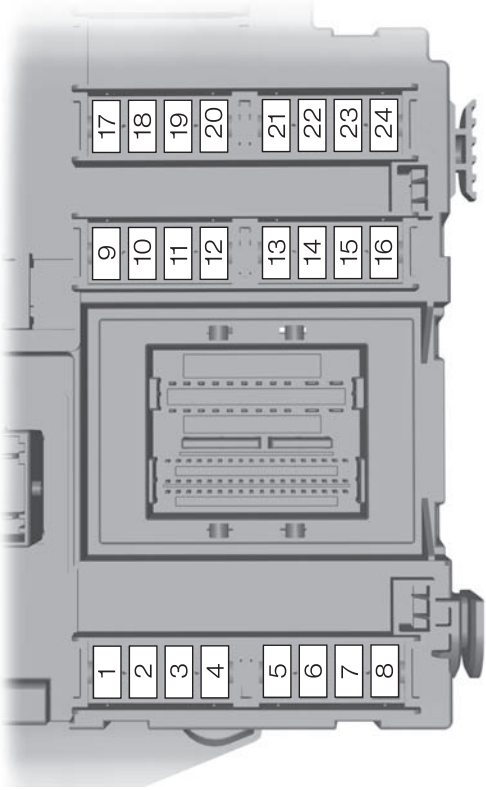
Fuse	Ampere rating	Circuits protected
F16	80	Diesel auxiliary heater (PTC)
F17	60	Central fuse box supply A
F18	60	Central fuse box supply B
F19	60	Rear fuse box supply C
F20	60	Rear fuse box supply D
F21	–	Not used
F22	30	Windscreen wiper module
F23	30	Heated rear window
F24	30	Headlamp washer
F25	30	ABS valves
F26	40	ABS pump
F27	30	Fuel fired heater
F28	40	Heater blower
F29	–	Not used
F30	–	Not used
F31	15	Horn
F32	5	Fuel fired heater - remote control
F33	5	Light switch module, engine compartment fuse box coils
F34	40	Heated windscreen (left-hand side)
F35	40	Heated windscreen (right-hand side)
F36	5	ABS
F37	10	Heated front washer jets
F38	5	Adaptive cruise control (ACC)
F39	15	Adaptive front lighting system (AFS)
F40	–	Not used
F41	20	Instrument panel
F42	10	Engine control module, transmission control module, electric hydraulic power steering (EHPAS) 15 feed.
F43	5	Headlamp levelling, adaptive front lighting system (AFS)

Fuses

Fuse	Ampere rating	Circuits protected
F44	-	Not used
F45	15	Rear window wiper

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

Central fuse box



E124888

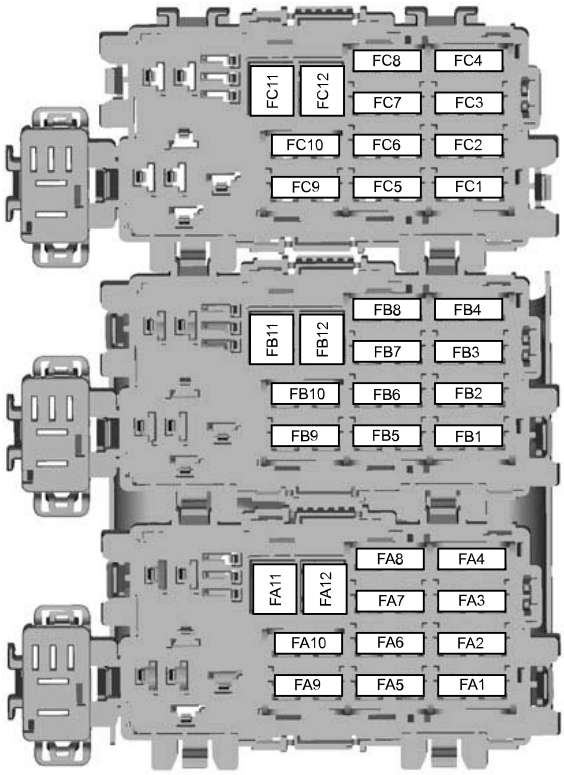
Fuse	Ampere rating	Circuits protected
F1	7.5	Steering wheel module
F2	5	Instrument cluster
F3	10	Interior lamps
F4	5	Engine immobiliser
F5	7.5	Adaptive cruise control (ACC)
F6	5	Rain sensor

Fuses

Fuse	Ampere rating	Circuits protected
F7	15	Cigar lighter
F8	10	Fuel filler flap unlock supply
F9	15	Windscreen washers - rear
F10	15	Windscreen washers - front
F11	10	Luggage compartment release supply
F12	10	Fuel filler flap lock supply
F13	20	Fuel pump
F14	5	Remote frequency receiver, Interior motion sensor
F15	5	Ignition switch
F16	5	Battery backup sounder (alarm system), OBD II (board computer diagnostics)
F17	5	Steering wheel vibration actuator
F18	10	SRS (airbag) supply
F19	7.5	ABS, yaw rate sensor (ESP), electric parking brake (EPB), accelerator pedal supply
F20	7.5	Electronic feed, electronic fuse, Auto-dimming mirror, lane departure warning
F21	15	Audio system (including voice control)
F22	5	Brake lamp switch
F23	20	Sunroof
F24	5	Steering column unit, climate control module

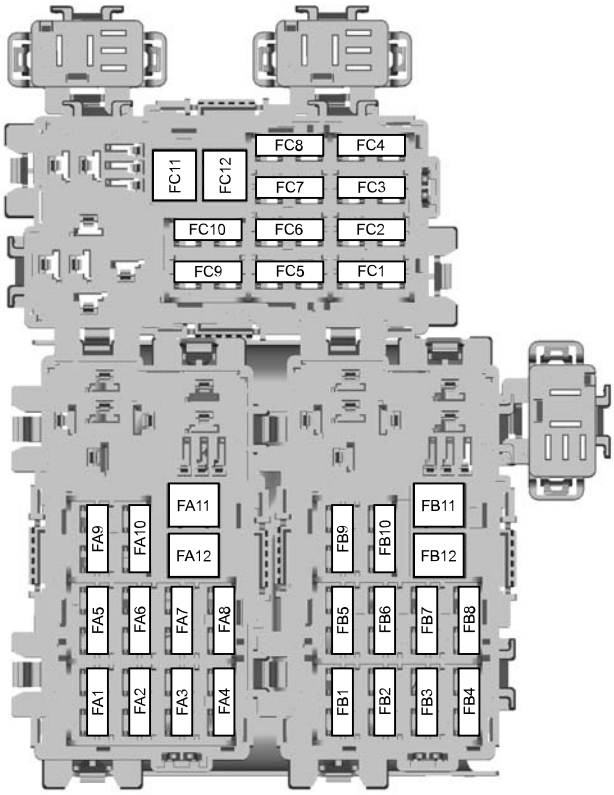
Rear fuse box

5-door



E87483

Wagon



E75526

Fuse	Ampere rating	Circuits protected
FA1	25	Door module (left-hand front) (window up/down, central locking, electric folding mirror, heated mirror)
FA2	25	Door module (right-hand front) (window up/down, central locking, electric folding mirror, heated mirror)
FA3	25	Door module (left-hand rear) (window up/down)
FA4	25	Door module (right-hand rear) (window up/down)
FA5	10	Rear locking (without rear door modules)

Fuses

Fuse	Ampere rating	Circuits protected
FA6	15	Auxiliary power socket
FA7	5	Relay coils
FA8	20	Keyless vehicle module
FA9	–	Not used
FA10	30	Electric driver's seat
FA11	20	Accessories, trailer module
FA12	–	Not used
FB1	5	Parking aid module, Blind spot information system (BLIS)
FB2	15	Suspension module
FB3	15	Heated driver's seat
FB4	15	Heated front passenger seat
FB5	15	Left-hand rear heated seat
FB6	-	Not used
FB7	15	Right-hand rear heated seat
FB8	-	Not used
FB9	30	Electric front passenger seat
FB10	10	Anti-theft alarm horn
FB11	–	Not used
FB12	–	Not used
FC1	-	Not used
FC2	-	Not used
FC3	-	Not used
FC4	-	Not used
FC5	7.5	CD changer, rear seat entertainment system
FC6	-	Not used
FC7	5	Seat memory function module
FC8	20	Keyless entry
FC9	20	Audio amplifier

Fuses

Fuse	Ampere rating	Circuits protected
FC10	10	Sony audio system
FC11	–	Not used
FC12	–	Not used

TOWING POINTS

Towing eye location

The screw-in towing eye is located in the spare wheel well.

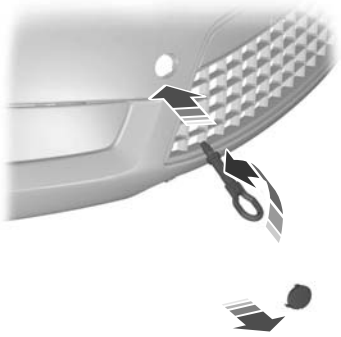
The towing eye must always be carried in the vehicle.

Installing the towing eye

CAUTION

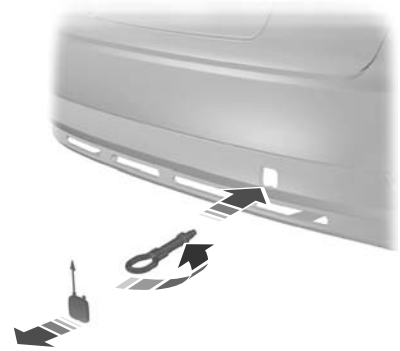
The screw-in towing eye has a **left-hand thread**. Turn it **anti-clockwise** to install it. Make sure that the towing eye is fully tightened.

Front towing eye



E87280

Rear towing eye



E87282

TOWING THE VEHICLE ON FOUR WHEELS

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 servo and the power steering pump do 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.

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

Select neutral when your vehicle is being towed.

Drive off slowly and smoothly without jerking the vehicle that is towing.

Vehicles with automatic transmission

CAUTIONS

If a speed of 20 km/h and a distance of 20 kilometres is to be exceeded the drive wheels must be lifted clear of the ground.

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

Do not tow your vehicle backwards.

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

Do not tow your vehicle if the ambient temperature is below 0°C.

GENERAL INFORMATION

Have your vehicle serviced regularly to help maintain its roadworthiness and resale value. 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 180).
- Brake fluid level. See **Brake fluid check** (page 182).
- Washer fluid level. See **Washer fluid check** (page 182).
- Tyre pressures (when cold). See **Technical specifications** (page 195).
- Tyre condition. See **Tyre care** (page 192).

Monthly checks

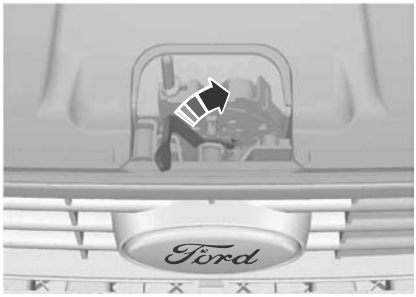
- Engine coolant level (engine cold). See **Engine coolant check** (page 181).
- Pipes, hoses and reservoirs for leaks.
- Power steering fluid level. See **Power steering fluid check** (page 182).
- Air conditioning operation.
- Parking brake operation.
- Horn operation.
- Tightness of wheel nuts. See **Technical specifications** (page 195).

OPENING AND CLOSING THE BONNET

Opening the bonnet

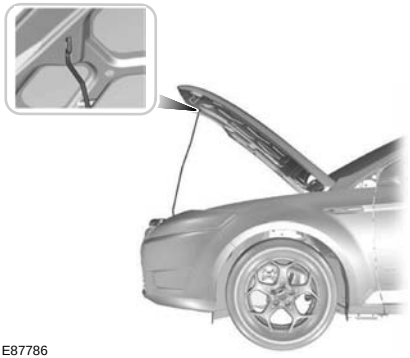


E73698



E87785

Raise the bonnet slightly and move the catch towards the left-hand side of the vehicle.



E87786

Open the bonnet and support it with the strut.

Closing the bonnet

WARNING

Make sure that the bonnet is closed properly.

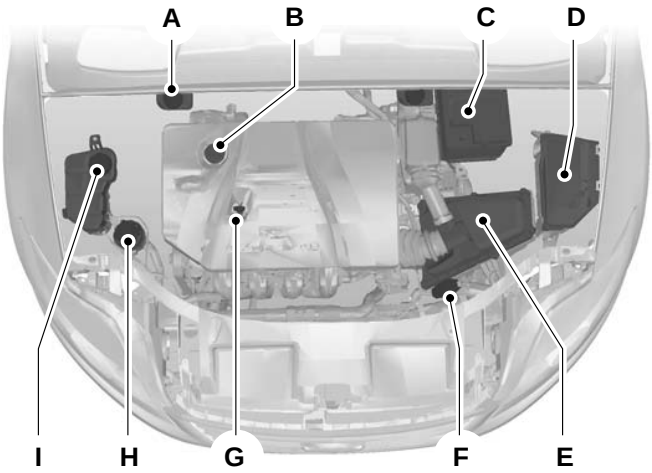
Lower the bonnet and allow it to drop from under its own weight for the last 20 – 30 centimetres.

ENGINE COMPARTMENT OVERVIEW

Item	Description
A	Brake fluid reservoir. See **Brake fluid check** (page 182)
B	Engine oil filler cap[1]. See **Engine oil check** (page 180)
C	Battery. See **Using booster cables** (page 185)
D	Engine compartment fuse box. See **Fuse specification chart** (page 164)
E	Air cleaner. No maintenance necessary.
F	Screen washer fluid reservoir. See **Washer fluid check** (page 182)
G	Engine oil dipstick[1]. See **Engine oil check** (page 180)
H	Power steering fluid reservoir. See **Power steering fluid check** (page 182)
I	Engine coolant reservoir. See **Engine coolant check** (page 181)

[1] The filler caps and the engine oil dipstick are coloured for easy identification.

2.3L Duratec-HE (MI4)



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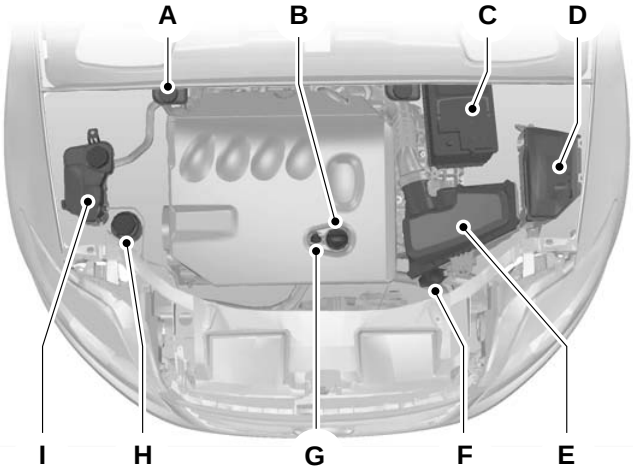
2.0L Duratorq-TDCi (DW) Diesel



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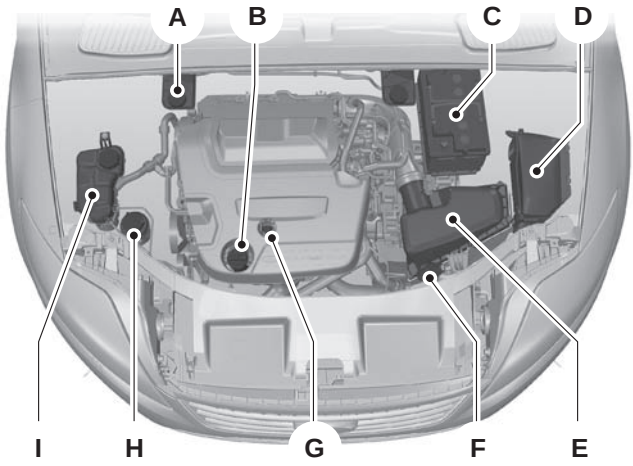

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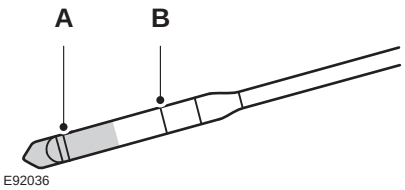
ENGINE OIL DIPSTICK

2.3L Duratec-HE (MI4)

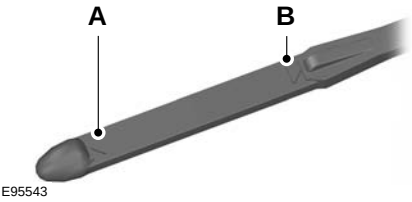


E92036

A MIN

B MAX

2.0L Duratorq-TDCi (DW) Diesel



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 5,000 kilometres.

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.

CAUTION

Do not top up further than the **MAX** mark.

Top up with fluid that meets the Ford specification. See **Customer assistance, warranty and service guide** (Page 27).

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 **Customer assistance, warranty and service guide** (Page 27).

BRAKE FLUID CHECK

WARNINGS

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.

Top up with fluid that meets the Ford specification. See **Customer assistance, warranty and service guide** (Page 27).

POWER STEERING FLUID CHECK

WARNING

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

CAUTION

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

If the level is at the **MIN** mark, top up immediately.

Topping up

Remove the filler cap.

CAUTION

Do not top up further than the **MAX** mark.

Top up with fluid that meets the Ford specification. See **Customer assistance, warranty and service guide** (Page 27).

WASHER FLUID CHECK

The front and rear washer systems are supplied from the same reservoir.

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.

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.

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.

USING BOOSTER CABLES

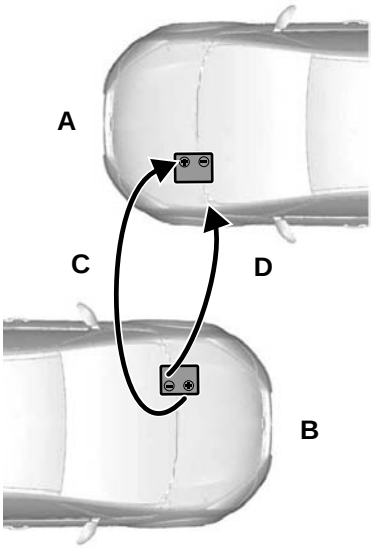
CAUTIONS

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 186).

CAUTIONS

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

Make sure that the cables are clear of any moving parts.

To start the engine

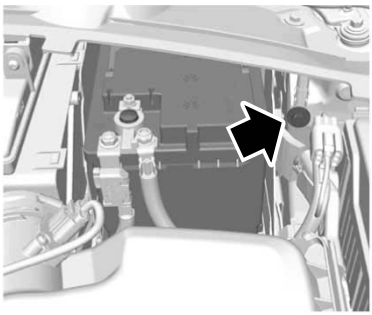
1. Run the engine of vehicle **B** at moderately high speed.
2. Start the engine of vehicle **A**.
3. Run both vehicles for a minimum of three minutes before disconnecting the cables.

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.

BATTERY CONNECTION POINTS



E114494

CAUTION

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

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.

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

Vehicles with a temporary spare wheel

WARNINGS

Do not exceed 80 km/h.

Drive the shortest possible distances.

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

Do not use snow chains on this type of wheel.

Do not carry out any tyre repairs on a temporary spare wheel.

CAUTION

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

Note: Your vehicle may exhibit some unusual driving characteristics.

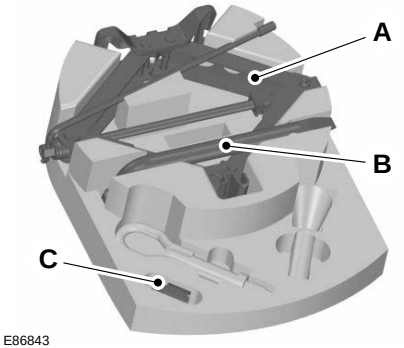
Vehicle jack

WARNINGS

The jack supplied with this vehicle is only intended for changing wheels.

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.



E86843

A Jack

B Wheel brace

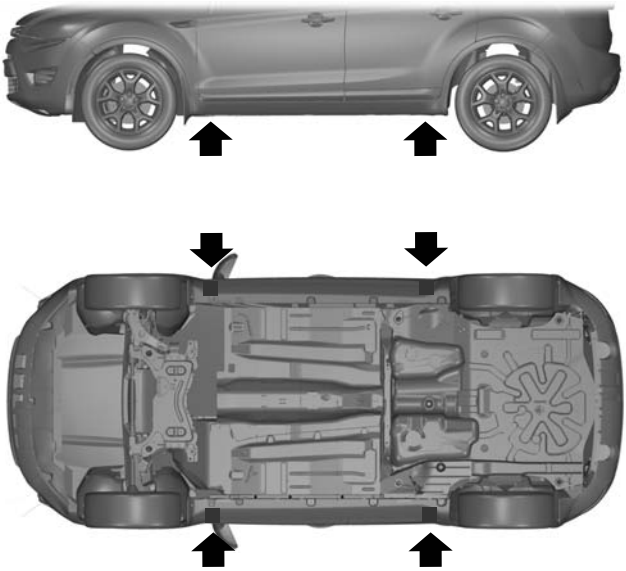
C Space for locking wheel nut key

Your vehicle jack and wheel brace are located in the spare wheel well.

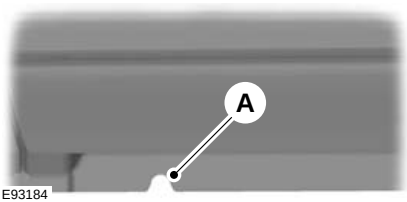
Jacking and lifting points

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.



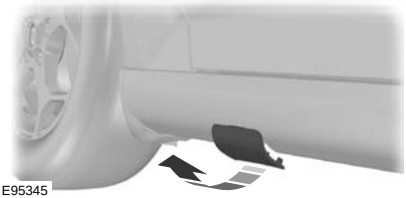
E92658



E93184

Indentations in the sills **A** show the location of the jacking points.

Vehicle with side skirts



E95345

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.

The screw-in towing eye is located in the spare wheel well.



E122502

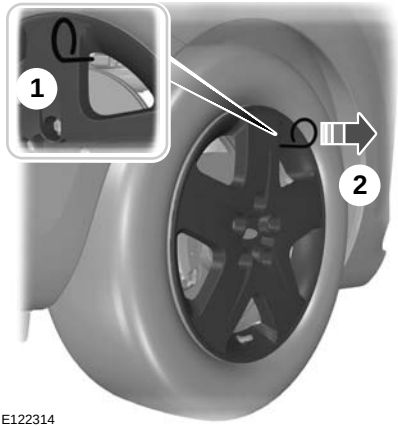
Insert the screw-in towing eye into the wheel brace.

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.

Your vehicle 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.

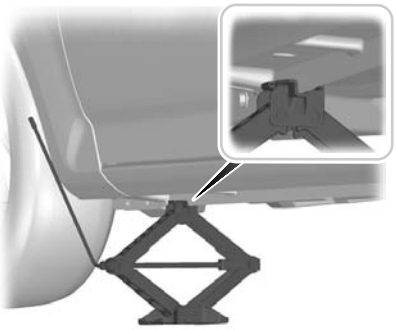
1. Ensure the screwthread is adequately lubricated before use.
2. The jack should be used on level firm ground wherever possible.
3. Apply the park brake fully.
4. It is recommended that the wheels of the vehicle should be chocked, and no person should remain in a vehicle being jacked.



E71948

5. Slacken the wheel nuts.

6. Install the jack to the flange.



E92932

7. No person should place any portion of their body under a vehicle that is supported by a jack.

WARNINGS

Do not get under a vehicle that is supported by a jack.



The jack supplied with this vehicle is only intended for changing wheels.

8. Jack up the vehicle until the tyre is clear of the ground.
9. 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 196).

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

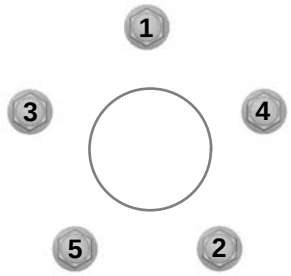
Do not install alloy wheels using wheel nuts designed for use with steel wheels.

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.



E75442

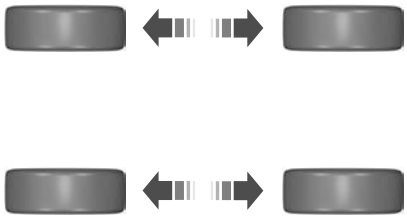
3. Partially tighten the wheel nuts in the sequence shown.
4. Lower the vehicle and remove the jack.
5. Fully tighten the wheel nuts in the sequence shown. See **Technical specifications** (page 195).
6. Install the hub cap or cover using the ball of your hand.

WARNING

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

Note: If the spare wheel is different in size or construction to the road wheels, have this replaced 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 5,000 and 10,000 kms.

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 SNOW CHAINS

WARNINGS


Do not exceed 50 km/h.


Do not use snow chains on snow-free roads.


Only fit snow chains to specified tyres. See **Technical specifications** (page 195).

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 (DSC/ESP)

Vehicles with stability control (ESP) may exhibit some unusual driving characteristics which can be avoided by switching the system off. See **Using stability control** (page 133).

TYRE PRESSURE MONITORING SYSTEM (where fitted)

WARNINGS


The system does not relieve you of your responsibility to regularly check the tyre pressures.


The system will only provide a low tyre pressure warning. It will not inflate the tyres.


The system may take longer to detect low pressure in the tyres if you have fitted snow chains.


Do not drive on significantly under-inflated tyres. This may cause the tyres to overheat and fail.


Under-inflation reduces fuel efficiency, tyre tread life and may also affect your ability to drive the vehicle safely.

CAUTIONS


Do not bend or damage the valves when you are inflating the tyres.


Have tyres installed by properly trained technicians.

Note: After changing the tyres or sensors the system will take a few minutes to reset. During this period the system is operational but a warning lamp may appear.

The system monitors the pressure in the tyres using sensors located on the wheels and a receiver located in your vehicle.

When the system detects low pressure in the tyres, a warning message is displayed in the information display. See **Information messages** (page 91).

If a low pressure warning message is displayed in the information display, check the tyre pressures as soon as possible and inflate them to the recommended pressure. See **Technical specifications** (page 196). If this happens frequently, have the cause determined and rectified as soon as possible.

Checking the tyre pressures

Note: If the tyre pressures are greater than or equal to 3.3 bar (48 lbf/in²), you will see the + symbol below the pressure value. The system only measures pressure up to 3.3 bar (48 lbf/in²). The + symbol indicates that the tyre pressures may be higher.

Note: Type 3 instrument clusters have a slightly different menu structure. Select **Settings** first to access **Information**.

1. Press the right arrow button on the steering wheel to enter the main menu.
2. Highlight **Information** with the up and down buttons and press the right arrow button.
3. Highlight **Tyre Pressures** with the up and down buttons and press the right arrow button.
4. Highlight the desired setting and press the **OK** button to confirm the setting.
5. Press the left arrow button to exit the menu. Hold the left arrow button pressed to return to the trip computer display.

Setting the vehicle load

Note: Type 3 instrument clusters have a slightly different menu structure. Select **Settings** first to access **Setup**.

Correct tyre pressure settings depend on vehicle load. See **Technical specifications** (page 195). The system can only detect low pressure if you have entered the current vehicle load.

1. Press the right arrow button on the steering wheel to enter the main menu.
2. Highlight **Setup** with the up and down buttons and press the right arrow button.
3. Highlight **Tyre Pressures** with the up and down buttons and press the right arrow button.
4. Highlight the desired setting and press the **OK** button to confirm the setting.
5. Press the left arrow button to exit the menu. Hold the left arrow button pressed to return to the trip computer display.

TECHNICAL SPECIFICATIONS

Wheel nut torque

Wheel type	Nm (lb ft)
All wheels	140 (103)

Tyre pressures (cold tyres)

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

Up to 80 km/h

Variant	Tyre size	Normal load		Full load	
		Front	Rear	Front	Rear
		bar (psi)	bar (psi)	bar (psi)	bar (psi)
All	T125/90 R 16	4.2 (61)	4.2 (61)	4.2 (61)	4.2 (61)
Spare wheel when it differs from the other fitted wheels	215/55 R 16	3 (44)	3 (44)	3 (44)	3 (44)

Up to 160 km/h

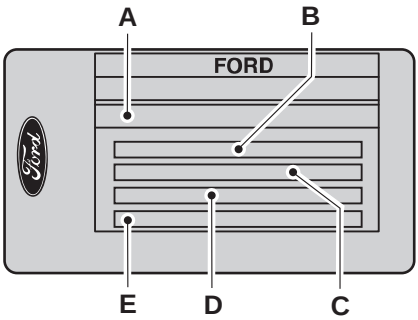
Variant	Tyre size	Normal load		Full load	
		Front	Rear	Front	Rear
		bar (psi)	bar (psi)	bar (psi)	bar (psi)
2.3L Duratec-HE	215/55 R16 *	2.2 (32)	2.2 (32)	2.5 (36)	2.9 (42)
2.3L Duratec-HE	215/50 R17	2.2 (32)	2.2 (32)	2.5 (36)	2.9 (42)
2.3L Duratec-HE	235/45 R18	2.2 (32)	2.2 (32)	2.5 (36)	2.9 (42)
2.0L Duratorq-TDCi	215/55 R16 *	2.4 (35)	2.2 (32)	2.5 (36)	2.9 (42)
2.0L Duratorq-TDCi	215/50 R17	2.4 (35)	2.2 (35)	2.5 (36)	2.9 (42)
2.0L Duratorq-TDCi	235/45 R18	2.4 (35)	2.2 (32)	2.6 (38)	3.0 (44)

* Only fit snow chains to specified tyres.

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

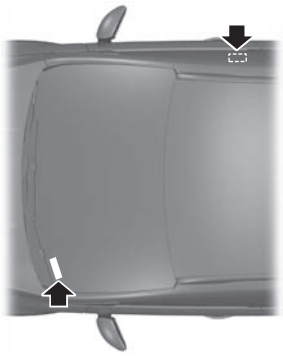
C Gross train weight

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 drivers door aperture at the bottom.

VEHICLE IDENTIFICATION NUMBER (VIN)



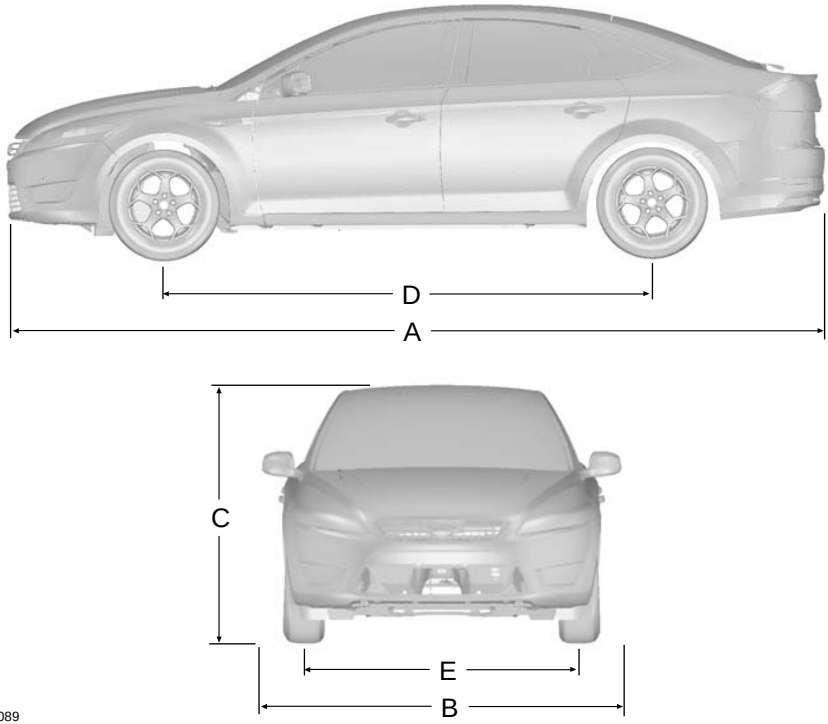
E87496

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

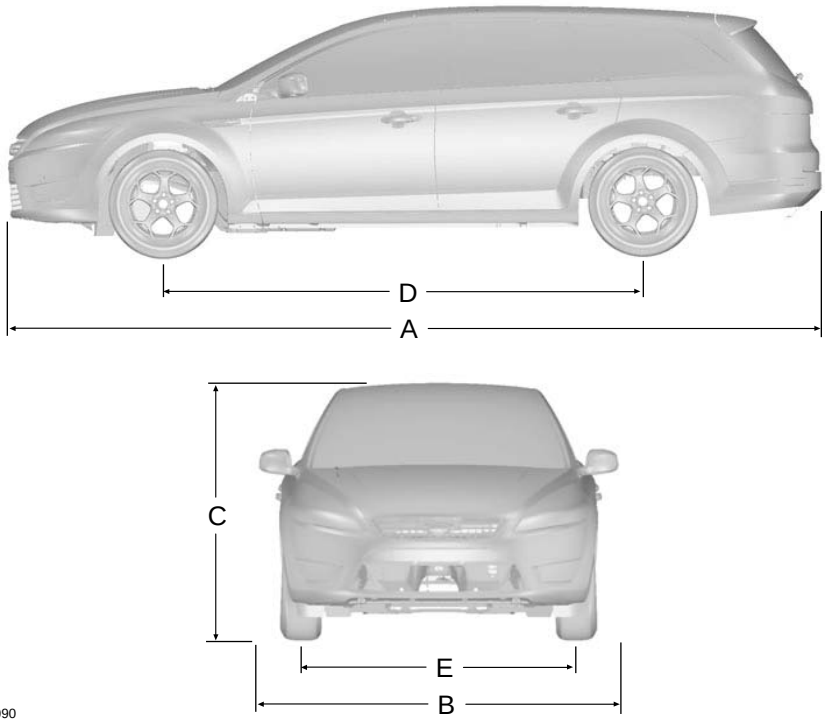
5-door



E87089

Item	Dimension description	Dimension in mm
A	Maximum length - without bumper styling kit	4784
A	Maximum length - with bumper styling kit	4800
B	Overall width including exterior mirrors	2092
C	Overall height at EC kerb weight	1460 - 1500
D	Wheelbase	2850
E	Front track	1579 - 1589
E	Rear track	1595 - 1605

Wagon



Item	Dimension description	Dimension in mm
A	Maximum length - without bumper styling kit	4837
A	Maximum length - with bumper styling kit	4858
B	Overall width including exterior mirrors	2 092
C	Overall height at EC kerb weight without roof bars	1 472 - 1 512
C	Overall height at EC kerb weight including roof bars	1 508 - 1 548
D	Wheelbase	2850
E	Front track	1579 - 1589
E	Rear track	1595 - 1605

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.

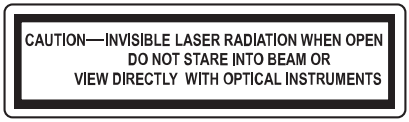
Dual format, dual sided discs (DVD Plus, CD-DVD format, adopted by the music industry, are thicker than normal CDs and consequently playback cannot be guaranteed in Ford and Sony CD audio units, and jamming could occur. Irregular shaped CDs and CDs with a scratch protection film or self adhesive labels 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 except Sony CD (but not the 6CD) are designed to play commercially pressed 12 cm audio compact discs only. The Sony CD unit will play 8 cm discs with a Sony approved adaptor fitted (CSA-8).

The audio unit may be damaged if unsuitable items like credit cards or coins are pushed inside the CD aperture.

Audio unit labels





Disc labels

Audio CD





MP3





AUDIO UNITS

6000CD



Sony 6CD (Generation 2)



SECURITY CODE

Most units incorporate a unique Keycode security number that must be entered before the unit will operate. Normally, the Ford Dealer does this during the pre-delivery inspection.

If the battery is disconnected for any reason, or the audio unit is removed from the vehicle, the Keycode must be re-entered before the unit will work again.

LOST SECURITY CODE

If you lose the Keycode, contact your dealer and supply details of your audio unit along with some proof of identity. Your Dealer will then obtain the correct code from Ford Motor Company.

ENTERING A SECURITY CODE

If 'CODE - - - -', 'CODE 0000' or 'Enter Keycode' appears in the display when you switch on the audio unit, you must enter the Keycode using the station preset buttons.

Sony 6CD

1. Press the numbered button corresponding to the first digit of your Keycode.
2. Press the numbered button corresponding to the second digit of your Keycode. Repeat for digits 3 and 4 in the same way.
3. If you make a mistake entering the code, you may re-enter the digits by continuing to select buttons 0-9. The display will advance from digit position 1 to 4 and then back again.
4. Make sure that the complete Keycode is correct before pressing either the * preset button or the button between the arrow buttons to confirm it.

6000CD

1. Press button 1 repeatedly until the first digit of your Keycode is shown in the display.
2. Press preset buttons 2, 3 and 4 in the same way for remaining three digits.
3. Make sure that the complete Keycode is correct before pressing preset button 5 to confirm it.

INCORRECT SECURITY CODE

Up to 10 Keycode entry attempts are allowed with various consequences if you get it wrong.

The number of attempts is shown in the display.

- If the display reverts to 'CODE' another entry attempt may be made immediately.
- If the display shows 'WAIT 30', the unit will be locked for 30 minutes. Wait until the timer counts down to zero. When 'CODE' is displayed, enter the Keycode again.
- After 10 incorrect attempts the unit will be permanently inoperative and "LOCKED' will be displayed. Contact your local Ford Dealer for help.

SETTING THE CLOCK AND DATE ON THE AUDIO UNIT

6000CD

Changing the date and time

- Press the CLOCK button to display the date and time.

Note: If you do not press another button within 30 seconds of pressing the CLOCK button, the display will return to its previous setting.

- Use the left or right arrow button to select the date or time value that you wish to change. The selected value will flash in the display.
- Turn the volume control to change the selected date or time value.
- Use the left or right arrow button to select additional date or time values that you wish to change.
- Turn the volume control to change the selected date or time value.
- Press the CLOCK button to exit and save the new date and time.

Note: If you do not press the CLOCK button within 30 seconds of changing a date or time value, the display will exit and save the new values automatically.

Tip: Press and hold the CLOCK button for more than two seconds to automatically select the hour value for winter or summer time adjustment.

12/24 hour format

- Press the MENU button repeatedly until a 12/24 hour clock display appears.
- Use the left or right arrow button to select the setting required.
- To confirm your selection allow the menu to time out or press the MENU button repeatedly to exit.

Sony 6CD

Changing the date and time

- Press the CLOCK button and use the left or right arrow button until the desired date/time setting display flashes.
- Use the up or down arrow button to make an adjustment, then press the left or right arrow button to select another date/time setting which flashes in the display. Repeat the adjustment procedure as necessary.
- Press the CLOCK button or the button between the arrow buttons to confirm and set.

12/24 hour format

- Press the MENU button and use the up or down arrow button until a 12/24 hour clock display appears.
- Use the left or right arrow button to select the setting required.
- Press the MENU button or the button between the arrow buttons to confirm your selection.

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.

VOLUME CONTROL

Use this control to raise or lower the volume of the current audio source at any time. When you make an adjustment, the display indicates the selected volume level.

BASS/TREBLE CONTROL

Both units have controls to adjust bass or treble response.

On Sony 6CD you may adjust these settings separately for each source (CD/ Radio/Aux).

- Press the button once for bass or twice for treble (Sony 6CD have a mid option between bass and treble - three key presses are required to access the treble setting).
- Use the volume control or on some units the left or right arrow button.
- On Sony 6CD use the up or down arrow button to make the necessary adjustment.

The display indicates the level selected.

BALANCE/FADE CONTROL

The FADE control is used to adjust the sound distribution from front to rear in vehicles equipped with rear speakers.

The BALANCE control is used to adjust the sound distribution between the left and right speakers.

- Press the button once for fade or twice for balance.
- Use the volume control or on some units the left or right arrow button to make the necessary adjustment.
- On Sony 6CD, use the up or down arrow button for fade adjustment, and the left or right arrow button for balance adjustment.

The display indicates the level selected.

PHONE MUTE CONTROL

- Where available, press the PHONE button to mute your audio unit.
- Press PHONE again to unmute.

STATION TUNING CONTROL

Seek tuning

Select a waveband and briefly press one of the arrow buttons. The unit will stop at the first station it finds in the direction you have chosen.

Manual tuning

Sony 6CD

- Briefly press the up or down arrow button to tune up or down the waveband in small increments. The display shows the frequency selected.

6000CD

- Press the MENU button until the MAN display appears.
- Then press one of the arrows 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.

Scan tuning

SCAN allows you to listen to 10 seconds of each station detected.

Sony 6CD

- Press the SCAN button. 'SCAN' flashes or 'SCANNING...' is shown in the display.
- Use the arrow buttons to scan left or right within a waveband.
- Press SCAN again to continue listening to a station.

6000CD

- Press the MENU button repeatedly until a SCAN display appears.
- Use the arrow buttons to scan up or down the selected waveband. 'SCAN' appears in the display.
- Depending on the audio unit, press the left or right arrow button or MENU again 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.

- Select a waveband.
- Tune to the station required.
- Press and hold one of the preset buttons. The audio unit will mute. When sound returns the station has been stored.

This can be repeated on each waveband and for each preset button.

Note: When you drive to another part of the country, FM 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.

AUDIO MENU CONTROL

Use the MENU button to access features that cannot be selected directly via one of the button controls. Press the MENU button for 'first level' features, or press and hold the MENU button for different 'second level' functions (not Sony 6CD units).

Features that are not available do not appear in the display.

6000CD

Main features		
First level features		Second level functions
During radio reception	During CD playback	During all functions
Manual tuning	Scan	Traffic local or distant
Scan tuning	Shuffle	AF
12/24 hour	Repeat	REG
AVC*	Comp	News
ADV menu	12/24 hour	CLIP
	AVC*	VID
	ADV menu	Bluetooth enable/disable

Note: The sequence in which features appear may vary from different audio units and vehicles.

Note: Second level functions (advanced) can also be entered by selecting 'ADV menu' from the first level menu.

* Automatic volume control.

Sony 6CD

Menu features	
During radio reception	During CD playback
12/24 hour	12/24 hour
CLIP ON/OFF	CLIP ON/OFF
News ON/OFF	News ON/OFF
AVC*	AVC*
AF	AF
TA** volume	TA** volume
Traffic local or distant	Traffic local or distant
Regional ON/OFF	Shuffle
	Repeat
	Comp ON/OFF

* Automatic volume control.

** Traffic announcement.

Note: The sequence in which features appear may vary for different audio units and vehicles.

WAVEBAND BUTTON

Press the AM/FM or 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.

AUTOSTORE CONTROL

AutoStore can be used to store the stations with the strongest signals available, either from the FM waveband or from both AM and FM on Sony.

- Press and hold the AM/FM, AST or RADIO button.
- The sound mutes and 'AUTOSTORE' display appears while the unit searches through the frequencies.
- When the search is complete, sound is restored and the strongest signals are stored on the AutoStore presets.

Note: AutoStore will store the 10 strongest signals available and overwrite the previously stored stations.

Note: The AutoStore waveband can also be used to store stations manually in the same way as other wavebands.

TRAFFIC INFORMATION CONTROL

Many stations 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 the TA button. A 'TA-D' or 'TA-L' 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 and display 'TP SEEK' while doing so. If it cannot locate such a station, 'Not Found' will be displayed.

'TP' appears within a box when you are tuned to a station providing traffic from a linked radio data system (RDS) or enhanced other network (EON) station.

When traffic information is broadcast, it will automatically interrupt normal radio or CD playback and 'TRAFFIC' or 'NEWS' will appear in the display.

If the traffic signal weakens, 'TP' will flash in the display. Press the left or right arrow button to find another station.

Note: If this happens during CD playback or, on certain models, with the radio volume set to zero, the unit will retune automatically to another traffic station.

If a non-traffic station is selected or recalled using a preset button, the audio unit will remain on that station unless:

- TA is turned off, then on again.
- On certain models, the volume control is set to zero for four minutes after which the audio unit will retune to another traffic station.

Local or distant traffic

The number of RDS or EON traffic announcements may become excessive in some areas so there is an option to select between local traffic information and all available information.

Sony 6CD

- Press the MENU button and use the up or down arrow button to select the TA display.
- Use the left or right arrow button to select the setting required.
- Press the MENU button to confirm your selection.

6000CD

- Press and hold the MENU button until the display changes.
- Press the MENU button repeatedly until a TA display appears.
- Use the left or right arrow button to select either local ('TA LOCAL') or distant ('TA DIST') traffic announcements. To confirm your selection allow the menu to time out or press the MENU button.
- 'TA-L or 'TA-D' appear in the display to show which has been selected.

Traffic announcement volume

Traffic announcements interrupt normal at a preset minimum level that is usually louder than normal listening volumes.

To adjust the preset volume:

- Press and hold the TA button.
- Use the volume control or, on Sony 6CD, the arrow buttons to make the necessary adjustment. 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 during the announcement.

Note: If you press TA 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.

- Press the MENU button repeatedly until an AVC display appears.
- Use the left or right arrow button, to adjust the AVC setting.
- On Sony 6CD, press the MENU button briefly and use the up or down arrow button to select an AVC display.
- Press the MENU button to confirm your selection or wait until the system times out.

AUDIO DISTORTION REDUCTION (CLIP)

When available CLIP automatically detects sound distortion and reduces the unit's volume level until the distortion has been eliminated. This means that whilst the display might change numerically when you raise the volume manually with the control, there may be no actual increase in sound.

- Press and hold the MENU button to reach the secondary MENU screen until the display changes. Then press the MENU button repeatedly until a CLIP display appears.
- Use the left or right arrow button, to turn the function on or off.
- On Sony 6CD, press the MENU button briefly and use the up or down arrow button to select a CLIP display.
- Press the MENU button to confirm your selection or wait until the system times out.

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.

Sony 6CD

- Press the MENU button briefly.
- Use the up or down arrow buttons until 'REGIONAL' is displayed.
- Use the left or right arrow buttons to turn the function on or off.

6000CD

- Press and hold the MENU button until the display changes.
- Repeatedly press the MENU button until 'REG' is displayed.

- Use the arrow buttons to turn the function on or off.

ALTERNATIVE FREQUENCIES

Many programmes 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.

With 'AF-ON' or 'AF-AUTO' 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. On certain units, 'Not Found' will be displayed.

With 'AF-MAN' selected, the unit operates in a similar way to 'AF-AUTO' or 'AF-ON', but only searches for an alternative frequency when prompted by pressing a preset button.

With 'AF-OFF' selected, the original stored frequency remains selected. In this mode, 'AF-OFF' will be displayed every time the unit is turned on.

Sony 6CD

- Press the MENU button and use the up or down arrow button to select an 'AF' display.
- Use the left or right arrow button to select the setting required.
- Press the MENU button to confirm your selection.

6000CD

- Press and hold the MENU button until the display changes.
- Press the MENU button repeatedly until an 'AF' display appears.
- Use the left or right arrow button to select the setting required.

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 alternates between the station name and 'NEWS'. News interrupts are broadcast at the same preset volume level as traffic announcements.

Sony 6CD

- Press the MENU button and use the up or down arrow button to select a 'NEWS' display.
- Use the left or right arrow button to select the setting required.

6000CD

- Press and hold the MENU button until a 'NEWS' display appears.
- Use the left or right arrow button to turn the function on or off.

LOADING COMPACT DISCS

6000CD

Always check if the CD slot is empty before inserting the CD.

Sony 6CD

To load a single CD:

- Press and release the LOAD button. 'PLEASE WAIT' appears in the display.
- When this changes to 'PLEASE LOAD', insert a CD, label side up, into the audio unit.
- A numbered disc icon flashes in the display and 'LOADING' and 'READING CD' will appear as the disc is loaded into the first available space.
- The disc icon revolves to confirm the disc is loaded, and playback starts automatically.

To load more than one CD:

- Press and hold the LOAD button. 'INSERT ALL' and then 'PLEASE WAIT' appear in the display.
- When this changes to 'PLEASE LOAD', insert a CD, label side up, into the audio unit. You can select a location by pressing a button between 1 and 6 when 'PLEASE LOAD' is being shown in the display.
- 'LOADING' appears with a disc location icon, followed by 'PLEASE LOAD' again, and this repeats until a maximum of six discs have been loaded.
- Playback starts from the last disc inserted.
- If the LOAD button is pressed after six discs have already been loaded, 'ALL CDs FULL' will appear in the display.

EJECTING COMPACT DISCS

WARNING

Under certain operating conditions it is possible for CDs to be very warm when ejected. Take care whilst removing.

Sony 6CD

- Press the eject button briefly, to eject the disc.
- 'PLEASE WAIT', 'EJECTING' and 'PLEASE REMOVE' appear in the display while a disc is being ejected. You can select a location by pressing a button between 1 and 6 when 'EJECTING' is being shown in the display.
- Playback resumes from the next available disc or, if no discs are inserted, 'NO CD' is displayed, and radio reception is restored as the eject button is pressed.

When ejected, discs are held in the audio unit ready for removal. If they are not removed, the disc will be reloaded automatically.

6000CD

Press the eject button at any time and remove the disc.

EJECTING MULTIPLE COMPACT DISCS

Sony 6CD

- Press and hold the eject button to eject all the discs that are loaded.
- 'EJECT ALL' followed by 'EJECTING' and 'PLEASE REMOVE' appear in the display, as each disc is ejected.
- When all discs have been ejected and removed, the radio reception is restored.

COMPACT DISC PLAYBACK

During radio reception, press the CD/AUX button once to start CD playback.

In single or multiple disc players where only one CD has been loaded, playback will start immediately the disc is loaded.

In multiple disc players, if two or more CDs are loaded one after the other, playback will start with the last CD loaded.

COMPACT DISC SELECTION

Sony 6CD

On Sony 6CD, when the CD button is pressed, playback will recommence from wherever it was last stopped.

If that disc is no longer available, playback will start from the next disc and then continue in ascending order, i.e. disc three follows disc two. When the disc in the highest loading position has been played, playback will continue with the disc in the lowest loading position and go through the same cycle.

You can, however, switch to a disc of your choice by pressing the preset button, which has the number corresponding to the disc you want to play. 'CHANGING CD' or 'READING CD' is displayed and an icon shows the disc selected.

The audio unit remembers which discs are available so it will not select a disc that it knows to be missing. If you select a missing disc using the preset buttons, 'NO CD' will be displayed and playback will continue from the current disc.

TRACK SELECTION

- Press the right arrow button once to move to the next track or press it repeatedly to access later tracks.
- Press the left arrow buttons 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 left arrow buttons repeatedly to select previous tracks.

FAST FORWARD/REVERSE

- Press and hold the left/right arrow 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.

Sony 6CD

- Press the MENU button and use the up or down arrow button to select a 'SHUFFLE' display.

- Use the left or right arrow button to select ‘SHUFFLE CD’ or ‘SHUFFLE OFF’.
- When an MP3 CD is playing, options include ‘SHUFFLE CD’, ‘SHUFF FOLDER’ to play all the tracks in a folder in random order, and ‘SHUFFLE OFF’.
- Use the left or right arrow button to select ‘SHUFFLE CD’, ‘SHUFFLE ALL’ to play all the tracks on all the loaded discs in random order, or ‘SHUFFLE OFF’.

6000CD

- Press the MENU button repeatedly until a ‘SHUF’ display appears.
- Use the left or right arrow button to select ‘SHUF ALL’ or ‘SHUFF CD’ (ALL = tracks on all CDs, CD = only the current disc)

With the function on, ‘SHUFFLE’ appears in the display as each new track is selected.

Use the left or right arrow button to select the next track to shuffle if required.

REPEAT COMPACT DISC TRACKS

Sony 6CD

- Press the MENU button and use the up or down arrow button to select a ‘REPEAT’ display.
- Use the left or right arrow button to select ‘REPEAT TRACK’ or ‘REPEAT OFF’.
- When an MP3 CD is playing, playback options are ‘REPEAT TRACK’, ‘REP FOLDER’ and ‘REPEAT OFF’.
- For the Sony 6CD, a further playback options is ‘REPEAT CD’.

Press the MENU button to confirm your selection.

6000CD

- Press the MENU button repeatedly until ‘REPEAT’ is displayed.
- Use the left or right arrow button to choose between OFF and TRK.

COMPACT DISC TRACK COMPRESSION

With this feature on, quieter music is boosted and louder music lowered to minimise repeated volume adjustments.

Sony 6CD

- Press the MENU button and use the up/down arrow buttons to select a ‘COMP’ display.
- Use the left/right arrow buttons to select ‘COMP ON’ or ‘COMP OFF’.
- Press the MENU button to confirm your selection.
- Compression remains selected, unless it is switched off.

6000CD

- Press MENU repeatedly until a ‘COMP’ display appears.
- Use the arrow button to turn the function on or off.

COMPACT DISC TRACK SCANNING

The SCAN function allows you to preview each track for 10 seconds.

Sony 6CD

Pressing the SCAN button will toggle the scan mode, according to which unit you are using and the type of CD currently playing.

- Press the SCAN button once to scan the first track of each CD loaded.
- Press the SCAN button again to scan all tracks on the CD currently playing.
- If an MP3 CD is loaded you have the option of scanning the folder.

6000CD

When selected, 'SCAN' appears briefly in the display at the start of each track.

- Press the MENU button repeatedly until a 'SCAN' display appears.
- Use the left or right arrow button to select between 'SCAN CD' and 'SCAN ALL'.
- Press the left or right arrow button again to continue listening to a track.

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

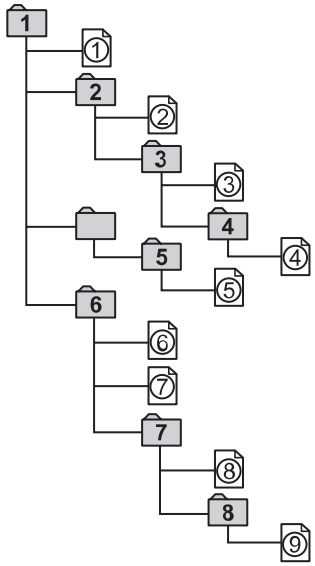
- If an MP3 file is in the disc, only MP3 file(s) play back and other data is skipped. (Audio CD data is not recognised.)
- If no MP3 file is in the disc, nothing is played back. (Audio CD data is not recognised.)

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.)



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 in the first folder, then the tracks in any folder(s) nested inside the first folder, then move onto the second folder, and so forth. For example, if folder 1 has folders 1a and 1b within it, and folder 2 contains folder 2a, the playing sequence will be folder 1, 1a, 1b, 2, 2a.

- Press the up/down arrow buttons to select another folder.
- Press the left/right arrow buttons to select another track (file) within the folder.

MP3 DISPLAY OPTIONS

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 repeatedly until the display required is shown.
- If the ID3 information selected is unavailable, 'NO MP3 TAG' appears in the display.

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. 'NO DISC NAME' or 'NO TRACK NAME' appears if no information has been encoded.

ENDING COMPACT DISC PLAYBACK

Sony 6CD

To restore radio reception on all units:

- Press the AM/FM or RADIO button.

Note: This will not eject the CD; the disc will merely pause at the point where radio reception was restored. CD playback can be resumed by pressing the CD button.

6000CD

- Press the waveband button to restore radio reception.
- Push the tape control buttons in to restore tape playback.

Note: Neither of these actions will eject the CD; the disc will merely pause at the point where radio or tape reception was restored.

To resume CD playback, press the CD button again.

AUXILIARY INPUT (AUX IN) SOCKET

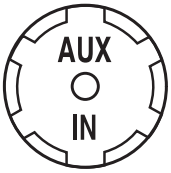
Note: For optimum performance when using any auxilliary device set the volume on the device high. This will reduce audio interference when charging the device via the vehicle power supply socket.

When fitted the Auxiliary input (AUX IN) socket permits an auxiliary device, such as a MiniDisc or MP3 player, to be linked into the vehicle audio system. Output can be played through the vehicle speakers.

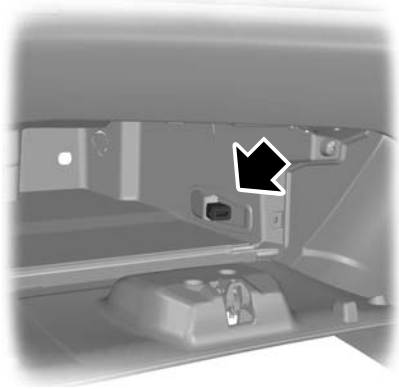
To connect an auxiliary device, plug it into the AUX IN socket using a 3.5 mm conventional audio jack connector.

Select the auxiliary input via the 'AUX' button and playback will be heard through the vehicle speakers. 'AUX' 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.



USB PORT (where fitted)



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See **Connectivity** (page 246).

AUDIO TROUBLESHOOTING

Audio unit display	Rectification
CD ERROR PLEASE CHECK CD	General error message for CD fault conditions, such as cannot read the CD, data-CD inserted, etc. Also, indicates possible mechanism fault on single CD unit. Ensure disc is loaded correct way up. Clean and retry, or replace disc with known music disc. If error persists contact your Ford dealer
NO CD NO CDS NO CD #	Message to indicate “No CD(s)” contained within the mechanism (single CD player empty, 6CD player or CD-changer completely empty, 6CD player or CD changer selected position number # empty). Load a disc into CD player
HIGH TEMP CD DRIVE HIGH TEMP	Ambient temperature too hot – unit will not work until it has cooled down.
SLOT FULL	Message to indicate that a CD is already loaded into a selected slot location in the 6CD audio unit during load operation. Eject CD from selected slot before attempting load operation, or select another slot location.
CDC FULL	Message to indicate that CDs are already loaded in all 6 slot locations in the 6CD audio unit during a load/load all operation. Eject CD(s) from CD unit before attempting load/load all operation
CDC CHECKING	Message to indicate the radio is starting the CDDJ
CDC ERROR	General error message for a fault conditions with mechanism of either the 6CD player or the CD changer. Ensure disc(s) is loaded correct way up. Clean and retry disc(s), or replace disc(s) with known music disc(s). If error persists contact your Ford dealer.
CODE ---- #	Message to prompt the user for the Keycode and indicate the number of input attempts. Displayed at power on after audio unit has had battery power supply interrupted. Enter keycode as described in chapter entitled Audio system security
WAIT ##:##	Message to inform the user to wait until next keycode entry attempt can be made. Follow instructions as described in section Audio system security

Audio troubleshooting

Audio unit display	Rectification
TRIES #	Message displayed when turning the audio unit on whilst in keycode entry mode. Indicates the number of incorrect input attempts. Follow instructions as described in chapter Audio system security
LOCKED	Message to inform user that radio security system has locked the radio after repeated incorrect keycode inputs. Contact your Ford dealer.
KEYCODE....	Display message to prompt the user for the keycode
INCORRECT	Message to inform the user that the entered keycode is incorrect. Follow instructions as described in chapter Audio system security
DATA CD	An incompatible CD has been inserted (for example not an audio CD or MP3 CD)
CD/CDDJ ERROR E5 CD DISC ERROR DRIVE FAULT	Internal fault. See your Ford Dealer.
E2 E3	Clean the disc and try again.
E4 CDDJ OVERHEAT	Ambient temperature too hot – unit will not work until it has cooled down.
NON AUDIO CD	CD ROM/MP3 disc inserted.
VIN ERROR	See your Ford Dealer.

GENERAL INFORMATION

CAUTION

Using the system with the engine off will drain the battery.

This section describes the functions and features of the Bluetooth mobile phone hands free system.

The Bluetooth mobile phone part of the system provides interaction with the audio system and your mobile phone. It allows you to use the audio system to make and receive calls without having to use your mobile phone.

Compatibility of phones

CAUTION

As no common agreement exists, mobile phone manufacturers are able to implement a variety of profiles in their Bluetooth devices. Because of this, an incompatibility can occur between the phone and hands-free system, which in some cases may significantly degrade the system performance. To avoid this situation, only recommended phones should be used.

Please visit the website **www.ford-mobile-connectivity.com** for full details.

TELEPHONE SETUP

Phonebook

After start up access to the phonebook list can be delayed for several minutes, depending upon the size.

Phonebook categories

Depending on your phonebook entry, different categories can be displayed in the audio unit.

For example:

M	Mobile
O	Office
H	Home
F	Fax

Note: Entries may be displayed without a category attachment.

The category can also be indicated as an icon:


Phone


Mobile


Home


Office


Fax

Making a phone an active phone

When using the system for the first time, no phone is connected to the system.

Bluetooth phone

After bonding a Bluetooth phone to the system, this becomes the active phone. For further information refer to the phone menu.

Select the phone from the active phone menu.

Turning the ignition and radio or navigation unit back on again, the last active phone is picked up by the system.

Note: In some cases the Bluetooth connection must also be confirmed on the phone.

Bond another Bluetooth phone

Bond a new Bluetooth phone as described in the requirements for a Bluetooth connection.

Phones stored in the system are accessible by using the phone list on the audio unit.

Note: A maximum of six devices may be bonded. If six Bluetooth devices have already been bonded, one of these has to be debonded in order to bond a new device.

BLUETOOTH SETUP

Before you can use your telephone with your vehicle it must be bonded to the vehicle telephone system.

Handling of phones

Up to six Bluetooth devices can be bonded to the vehicle system.

Note: If there is an ongoing call when the phone in use is selected as the new active phone, the call is transferred to the vehicle audio system.

Note: Even if connected to the car system, your phone can still be used in the usual way.

Requirements for Bluetooth connection

The following are required before a Bluetooth phone connection can be made.

1. The Bluetooth feature must be activated on the phone and on the audio unit. Make sure the Bluetooth menu option in the audio unit is set to **ON**. For information on phone settings, refer to your phone user guide.
2. In the Bluetooth menu on your phone, search for **Ford Audio** and select it.
3. Enter the code number shown on the vehicle display using the phone keypad. If no code number is shown on the display, enter the Bluetooth PIN number 0000 using the phone keypad. Now enter the Bluetooth PIN number shown on the vehicle display.
4. If your mobile phone asks you to authorize the automatic connection, select **YES**.

Note: A phone call will be disconnected if the audio unit is switched off. If the ignition key is turned to the off position the phone call will remain in progress.

TELEPHONE CONTROLS

Remote control

Voice, accept and reject button



E87662

1 Voice button

2 Accept and reject button

The **VOICE** button is used to activate or switch off the Voice control.

On vehicles with an accept and reject button, phone calls can be accepted and rejected by pressing the appropriate button.

Note: Some audio units have the accept and reject buttons on the front bezel. These operate in the same way.

USING THE TELEPHONE

This chapter describes the phone functions of the audio unit.

Note: Refer to your audio guide for details of the controls.

An active phone must be present.

Even if connected to the audio unit, your phone can still be used in the usual way.

Note: You can exit the phone menu by pressing any source button **CD**, **AM/FM** or **AUX**.

Making a call

Dialling a number using voice control

Phone numbers can be dialled using voice control. See **Telephone commands** (page 238).

Dialling a number using the address book

You can access your phone address book via Bluetooth. The entries will appear in the unit display.

1. Press the **PHONE** or the call accept button.
2. Press the **MENU** button.
3. Keep pressing the **MENU** button until **PHONEBOOK** appears.
4. Press the seek buttons to select the desired phone number.

Note: Press and hold the seek button to skip to the next letter in the alphabet.

5. Press the **PHONE** or the call accept button to dial the selected phone number.

Dialling a number using the address book - Sony radio

You can access your phone address book via Bluetooth. The entries will appear in the unit display.

1. Press the **PHONE** button.
2. Press the seek button until the phone book is shown.
3. Press the up/down arrow buttons to select the desired phone number.

Note: Press and hold the up/down arrow buttons to skip to the next letter in the alphabet.

4. Press the **PHONE** or the call accept button to dial the selected phone number.

Dialling a number using the telephone keypad

If you have an audio unit with a telephone keypad (buttons 0-9, * and #):

1. Press the call accept button. Press the **PHONE** button if you have a Sony radio.
2. Dial the number using the telephone keypad on the audio unit.
3. Press the call accept button.

Note: If you enter an incorrect digit whilst entering a phone number, press the seek left button to erase the last digit. A long press will erase the complete string of digits.

Press and hold **0** to enter a + digit.

Ending a call

Calls can be ended by pressing the call reject button.

Audio units without a telephone keypad can also end a call by pressing either **PHONE**, **CD**, **AM/FM** or **ON/OFF**, or by pressing the **MODE** button on the remote control.

Redialling a number

1. Press the **PHONE** or the call accept button.
2. Press the **MENU** button.
3. Select the **CALL OUT** list or the **CALL IN** list. On some audio units, select the **MISSED**, **INCOMING** or **OUTGOING** calls list.

Note: If the active phone does not provide a call out list, the last outgoing call number/entry can be redialled.

4. Press the seek button on the audio unit.
5. Press the **PHONE** or the call accept button to dial the desired phone number.

Redialling a number - Sony radio

1. Press the **PHONE** or the call accept button.
2. Press the seek button until the desired list is displayed.

Note: If the active phone does not provide a call out list, the last outgoing call number/entry can be redialled.

3. Press the up/down buttons to select the desired phone number.
4. Press the **PHONE** or the call accept button to dial the phone number.

Redialling the last dialled number - Sony radio

1. Press the call accept button.
2. Press the call accept button a second time to dial the number.

Receiving an incoming call

Accepting an incoming call

Incoming calls can be accepted by pressing either the call accept button, the **PHONE** button or the **MODE** button on the remote control.

Rejecting an incoming call

Incoming calls can be rejected by pressing the call reject button.

Audio units without a telephone keypad can also reject a call by pressing either **PHONE**, **CD**, **AM/FM** or **ON/OFF**.

Receiving a second incoming call

Note: The second incoming call function must be activated in your phone.

If there is an incoming call whilst there is an ongoing call, a beep will be heard and you will have the option to end the active call and to accept the incoming call.

Accepting a second incoming call

Second incoming calls can be accepted by pressing either the call accept button, the **PHONE** button, or the **MODE** button on the remote control.

Rejecting a second incoming call

Second incoming calls can be rejected by pressing the call reject button. Units without a telephone keypad can also reject a second incoming call by pressing the **CD** button, or the **AM/FM** button.

Muting the microphone

During a call, it is possible to mute the microphone. Whilst muted, confirmation will appear in the display.

Audio units with green call accept button

Press the call accept button. Press the button once again to turn this function off.

Audio units without green call accept button

Press the seek up or down button. Press the button once again to turn this function off.

Changing the active phone

Note: Phones must be bonded to the system before they can be made active.

Using the station storage button

Note: This process is only for audio units without a telephone keypad.

1. Press the **PHONE** button on the audio unit.
2. Press the preset number required (using the station preset buttons 1 - 6).

Using the audio unit menu

Note: After bonding a phone to the system, this becomes the active phone.

1. Press the **PHONE** or call accept button.
2. Press the **MENU** button on the audio unit.
3. Select the **ACTIVE PHONE** option on the audio unit.
4. Scroll through the different stored phones by using the seek buttons to display the bonded phones.
5. Press the **MENU** button to select the phone which is to be the active phone.

Debonding a bonded phone

A bonded phone can be deleted from the system at any time, unless a phone call is in progress.

1. Press the **PHONE** or call accept button.
2. Press the **MENU** button on the audio unit.
3. Select the **DEBOND** option on the audio unit.
4. Scroll through the different phones by using the seek buttons and display the phone to be debonded.
5. Press the **MENU** button to select the phone which is to be debonded.

Debonding a bonded phone - Sony radio

A bonded phone can be deleted from the system at any time, unless a phone call is in progress.

1. Press the **PHONE** button.
2. Press the up/down arrow buttons until you reach the **DEBOND** option.
3. Scroll through the different phones by using the seek buttons and display the phone to be debonded.
4. Press the **OK** button to be debond.

PRINCIPLE OF OPERATION

CAUTION

Using the system with the engine off will drain the battery.

Voice recognition enables operation of the system without the need to divert your attention from the road ahead in order to change settings, or receive feedback from the system.

Whenever you issue one of the defined commands with the system active, the voice recognition system converts your command into a control signal for the system. Your inputs take the form of dialogues or commands. You are guided through these dialogues by announcements or questions.

Please familiarise yourself with the functions of the system before using voice recognition.

Supported commands

The voice control system allows you to control the following vehicle functions:

- Bluetooth phone
- Radio
- CD Player/CD Changer
- External device (USB)
- External device (iPod)
- Automatic climate control

System response

As you work through a voice session the system will prompt you with a beep tone each time the system is ready to proceed.

Do not try to give any commands until the beep tone has been heard. The voice control system will repeat each spoken command back to you.

If you are not sure how to continue say “HELP” for assistance or “CANCEL” if you do not wish to continue.

The “HELP” function provides only a subset of the available voice commands. Detailed explanations of all possible voice commands can be found on the following pages.

Voice commands

All voice commands should be given using a natural speaking voice, as if speaking to a passenger or on the phone. Your voice level should be dependant on the surrounding noise level inside or outside the vehicle but do not shout.

USING VOICE CONTROL

System operation

The order and content of the voice controls are given in the following lists. The tables show the sequence of user voice commands and system responses for each available function.

<> Indicates a number or stored name tag to be inserted by the user.

Shortcuts

There are a number of voice command shortcuts available, which allow you to control some vehicle features without having to follow the complete command menu. These are:

- Phone: “MOBILE NAME”, “DIAL NUMBER”, “DIAL NAME”, and “REDIAL”
- CD player/CD changer: “DISC” and “TRACK”
- Automatic climate control: “TEMPERATURE”, “AUTO MODE”, “DEFROSTING/DEMISTING ON” and “DEFROSTING/DEMISTING OFF”
- Radio: “TUNE NAME”
- External device (USB): “TRACK”
- External device (iPod): “TRACK”

Start communicating with the system

Before you can start talking to the system you first have to press the **VOICE** or **MODE** button for each operation and wait until the system answers with a beep. See **Using Voice Control** (page 227).

Press the button again to cancel the voice session.

Name tag

The name tag functionality can support the phone, audio and navigation features by using the “STORE NAME” function. You can assign name tags to items such as favourite radio stations and personal phone contacts. See **Audio unit commands** (page 229). See **Telephone commands** (page 238).

- Store up to 20 name tags per function.
- The average recording time for each name tag is approximately 2-3 seconds.

AUDIO UNIT COMMANDS

CD Player

You can control playback directly by voice control.

Overview

The overview below shows the available voice commands. The following lists will give further information about the complete command menu in selected examples.

“CD PLAYER”
“HELP”
“PLAY”
“TRACK”*
“SHUFFLE ALL”
“SHUFFLE FOLDER”**
“SHUFFLE OFF”
“REPEAT FOLDER”**
“REPEAT TRACK”
“REPEAT OFF”

* Can be used as a shortcut.

** Only available if the CD contains audio data files like MP3 or WMA.

Track

You can choose a track on your CD directly.

Steps	User says	System answer
1	“CD PLAYER”	“CD PLAYER”
2	“TRACK”*	“TRACK NUMBER PLEASE”
3	“<a number between 1 and 99>”**	“TRACK <number>”

* Can be used as a shortcut.

** Additionally, numbers can be spoken as up to four single digits (for example “2”,”4”,”5” for track 245)

Shuffle all

To set random playback.

Steps	User says	System answer
1	“CD PLAYER”	“CD PLAYER”
2	“SHUFFLE ALL”	

CD Changer

Overview

The overview below shows the available voice commands. The following list will give further information about the complete command menu in selected examples.

“CD CHANGER”
“HELP”
“PLAY”
“DISC”
“TRACK”*
“SHUFFLE ALL”
“SHUFFLE CD”
“SHUFFLE FOLDER”**
“SHUFFLE OFF”
“REPEAT CD”
“REPEAT FOLDER”**
“REPEAT TRACK”
“REPEAT OFF”

* Can be used as a shortcut.

** Only available if the CD contains audio data files like MP3 or WMA.

Disc

If you have a CD changer you can choose a disc number.

Steps	User says	System answer
1	“CD CHANGER”	“CD CHANGER”
2	“DISC”*	“DISC NUMBER PLEASE”
3	“<a number between 1 and 6>”	“DISC <number>”

* Can be used as a shortcut.

Track

You can choose a track on your CD directly.

Steps	User says	System answer
1	“CD CHANGER”	“CD CHANGER”
2	“TRACK”*	“TRACK NUMBER PLEASE”
3	“<a number between 1 and 99>”**	“TRACK <number>”

* Can be used as a shortcut.

** Additionally, numbers can be spoken as up to four single digits (for example “2”, “4”, “5” for track 245).

Shuffle CD

To set random playback within the CD contents

Steps	User says	System answer
1	“CD CHANGER”	“CD CHANGER”
2	“SHUFFLE CD”*	

Radio

The radio voice commands support the functionality of the radio and allow you to tune radio stations by voice control.

Overview

The overview below shows the available voice control commands. The following lists will give further information about the complete command menu.

“RADIO”
“HELP”
“AM”
“FM”
“TUNE NAME”*
“DELETE NAME”
“DELETE DIRECTORY”
“PLAY DIRECTORY”
“STORE NAME”
“PLAY”

* Can be used as a shortcut

Tune frequency

This function allows you to tune your radio by voice commands.

Steps	User says	System answer
1	“RADIO”	“RADIO”
2	“AM”	“AM FREQUENCY PLEASE”
	“FM”	“FM FREQUENCY PLEASE”
3	“<frequency>”*	“TUNE <frequency>”

* The frequency may be entered in a variety of ways. Refer below for representative examples.

FM band: 87.5 - 108.0 in increments of 0.1

- “Eighty nine point nine” (89.9)
- “Ninety” (90.0)
- “One hundred point five” (100.5)
- “One zero one point one” (101.1)

- “One zero eight” (108.0)

AM/MW band: 531 - 1602 in increments of 9

AM/LW band: 153 - 281 in increments of 1

- “Five thirty one” (531)
- “Nine hundred” (900)
- “Fourteen forty” (1440)
- “Fifteen zero three” (1503)
- “Ten eighty” (1080)

Store name

If you have tuned a radio station, you can store it with a name in the directory.

Steps	User says	System answer
1	“RADIO”	“RADIO”
2	“STORE NAME”	“STORE NAME” “NAME PLEASE”
3	“<name>”	“REPEAT NAME PLEASE”
4	“<name>”	“STORING NAME” “<name> STORED”

Tune name

This function allows you call up a stored radio station.

Steps	User says	System answer
1	“RADIO”	“RADIO”
2	“TUNE NAME”*	“NAME PLEASE”
3	“<name>”	“TUNE <name>”

* Can be used as a shortcut.

Delete name

This function allows you to delete a stored radio station.

Steps	User says	System answer
1	“RADIO”	“RADIO”
2	“DELETE NAME”	“NAME PLEASE”
3	“<name>”	“DELETE <name>” “CONFIRM YES OR NO”
4	“YES”	“DELETED”
	“NO”	“COMMAND CANCELLED”

Play directory

This function allows you to let the system tell you all of the stored radio stations.

Steps	User says	System answer
1	“RADIO”	“RADIO”
2	“PLAY DIRECTORY”	“PLAY <DIRECTORY>”

Delete directory

This function allows you to delete all stored radio stations at once.

Steps	User says	System answer
1	“RADIO”	“RADIO”
2	“DELETE DIRECTORY”	“DELETE DIRECTORY”
3	“YES”	“RADIO DIRECTORY DELETED”
	“NO”	“COMMAND CANCELLED”

Play

This function switches the audio source to the radio mode.

Steps	User says	System answer
1	“RADIO”	“RADIO”
2	“PLAY”	

Auxiliary input

This function allows you to switch the audio source to the attached auxiliary input device.

Steps	User says	System answer
1	“EXTERNAL DEVICE”	“EXTERNAL DEVICE”
2	“LINE IN”	“LINE IN”

External devices - USB

These voice commands support the functionality of an external USB device which may be connected to the audio unit.

Overview

The overview below shows the available voice commands. The following lists will give further information about the complete command menu in selected examples.

“EXTERNAL DEVICE”, “USB”
“HELP”
“PLAY”
“TRACK”*
“PLAYLIST”**
“FOLDER”**
“SHUFFLE ALL”
“SHUFFLE FOLDER”
“SHUFFLE PLAYLIST”
“SHUFFLE OFF”
“REPEAT TRACK”
“REPEAT FOLDER”
“REPEAT OFF”

* Can be used as a shortcut.

** Playlists and folders activated by voice control must be assigned special filenames. See **Connectivity** (page 245).

USB play

This function allows you to switch the audio source to the attached USB device.

Steps	User says	System answer
1	“EXTERNAL DEVICE”	“EXTERNAL DEVICE”
2	“USB”	“USB”
3	“PLAY”	

USB track

You can choose a track on your USB device directly.

Steps	User says	System answer
1	“EXTERNAL DEVICE”	“EXTERNAL DEVICE”
2	“USB”	“USB”
3	“TRACK”	“TRACK NUMBER PLEASE”
4	“<a number between 1 and 99>”*	“TRACK <number>”

* Additional, numbers can be spoken as up to four single digits (for example “2”, “4”, “5” for track 245)

External devices - iPod

These voice commands support the functionality of an iPod which may be connected to the audio unit.

Overview

The overview below shows the available voice commands. The following lists will give further information about the complete command menu in selected examples.

“EXTERNAL DEVICE”, “IPOD”
“HELP”
“PLAY”
“TRACK”*
“PLAYLIST”**
“SHUFFLE ALL”
“SHUFFLE PLAYLIST”
“SHUFFLE OFF
“REPEAT TRACK”

“EXTERNAL DEVICE”, “IPOD”
“REPEAT OFF”

* Can be used as a shortcut.

** Playlists activated by voice control must be assigned special filenames. See **Connectivity** (page 245).

iPod Track

You can choose a track off the all titles list of your iPod directly.

Steps	User says	System answer
1	“EXTERNAL DEVICE”	“EXTERNAL DEVICE”
2	“IPOD”	“IPOD”
3	“TRACK”*	“TRACK NUMBER PLEASE”
4	“<a number between 1 and 99>”**	“TRACK <number>”

* Can be used as a shortcut.

** Additional, numbers can be spoken as up to five single digits (for example “5”, “2”, “4”, “5”, “3” for track 52453), to a limit of 65535.

iPod playlist

You can choose a playlist from your iPod directly.

Steps	User says	System answer
1	“EXTERNAL DEVICE”	“EXTERNAL DEVICE”
2	“IPOD”	“IPOD”
3	“PLAYLIST”*	“PLAYLIST NUMBER PLEASE”
4	“<a number between 1 and 10>”	“PLAYLIST <number>”

* Playlists activated by voice control must be assigned special filenames. See **Connectivity** (page 245).

TELEPHONE COMMANDS

Phone

Your phone system allows you to create an additional phonebook. The stored entries can be dialled by voice control. Phone numbers stored by using voice control are stored on the vehicle system and not in your phone.

Overview

The overview below shows the available voice commands. The following lists will give further information about the complete command menu in selected examples.

“PHONE”
“HELP”
“MOBILE NAME”
“DIAL NUMBER”
“DIAL NAME”
“DELETE NAME”
“DELETE DIRECTORY”
“PLAY DIRECTORY”
“STORE NAME”
“REDIAL”*
“ACCEPT CALLS”
“REJECT CALLS”

* Can be used as a shortcut.

Phone functions

Dial number

Phone numbers can be dialled after giving the name tag voice command.

Steps	User says	System answer
1	“PHONE”	“PHONE”
2	“DIAL NUMBER”*	“NUMBER PLEASE”
3	“<phone number>”	“<phone number>” CONTINUE?”
4	“DIAL”	“DIALLING”
	“CORRECTION”	“<repeat last part of number> CONTINUE?”

* Can be used as a shortcut.

Dial name

Phone numbers can be dialled after giving the name tag voice command.

Steps	User says	System answer
1	“PHONE”	“PHONE”
2	“DIAL NAME”*	“NAME PLEASE”
3	“<name>”	“DIAL <name>” “CONFIRM YES OR NO”
4	“YES”	“DIALLING”
	“NO”	“COMMAND CANCELLED”

* Can be used as a shortcut.

Redial

This function allows you to redial the last dialled phone number.

Steps	User says	System answer
1	“PHONE”	“PHONE”
2	“REDIAL”*	“REDIAL”
3	“YES”	“DIALLING”
	“NO”	“COMMAND CANCELLED”

* Can be used as a shortcut.

Mobile name

This function allows you to access phone numbers stored with a name tag in your mobile phone.

Steps	User says	System answer
1	“PHONE”	“PHONE”
2	“MOBILE NAME”	“MOBILE NAME” “<phone dependent dialogue>”

* Can be used as a shortcut.

DTMF (Tone dialling)

This function transfers spoken numbers into DTMF tones. For example, to make a remote enquiry to your home answering machine or to enter a PIN number etc.

Note: DTMF can only be used during an ongoing call. Press the VOICE button and wait for the system prompt.

Can only be used with vehicles installed with a dedicated **VOICE** button.

Steps	User says	System answer
1		“NUMBER PLEASE”
2	“<number 1 to 9, zero, hash, star>”	

Create a phonebook

Store name

New names can be stored with the “STORE NAME” command. This feature can be used to dial a number by calling up the name instead of the full phone number.

Steps	User says	System answer
1	“PHONE”	“PHONE”
2	“STORE NAME”	“STORE NAME” “NAME PLEASE”
3	“<name>”	“REPEAT NAME PLEASE”
4	“<name>”	“STORING NAME” “<name> STORED” “NUMBER PLEASE”
5	“<phone numbers>”	“<phone number>”
6	“STORE”	“STORING NUMBER” “<phone number>” “NUMBER STORED”

Delete name

Stored names can also be deleted from the directory.

Steps	User says	System answer
1	“PHONE”	“PHONE”
2	“DELETE NAME”	“NAME PLEASE”
3	“<name>”	“DELETE <name>” “CONFIRM YES OR NO”
4	“YES”	“<name> DELETED”
	“NO”	“COMMAND CANCELLED”

Play directory

Use this function to let the system tell you all stored entries.

Steps	User says	System answer
1	“PHONE”	“PHONE”
2	“PLAY DIRECTORY”	“PLAY DIRECTORY”

Delete directory

This function allows you to delete all entries in one go.

Steps	User says	System answer
1	“PHONE”	“PHONE”
2	“DELETE DIRECTORY”	“DELETE DIRECTORY” “CONFIRM YES OR NO”
3	“YES”	“DIRECTORY DELETED”
	“NO”	“COMMAND CANCELLED”

Main settings

Reject calls

Calls can be set to be automatically rejected using voice control.

Steps	User says	System answer
1	“PHONE”	“PHONE”
2	“REJECT CALLS”	“REJECT CALLS”
	“ACCEPT CALLS”*	“ACCEPT CALLS”

* Use this command to turn the reject mode off.

CLIMATE CONTROL COMMANDS

Climate

The climate voice commands supports the functionality of the fan speed, temperature and mode settings. Not all functions are available on all vehicles.

Overview

The overview below shows the available voice commands. The following lists will give further information about the complete command menu in selected examples.

“CLIMATE”
“HELP”
“FAN”*
“DEFROSTING/DEMISTING ON”*
“DEFROSTING/DEMISTING OFF”*
“TEMPERATURE”*
“AUTO MODE”*

* Can be used as a shortcut. On vehicles fitted with an English language module the “FAN” shortcut is not available.

Fan

This function allows you to adjust the fan speed.

Steps	User says	System answer
1	“CLIMATE”	“CLIMATE”
2	“FAN”*	“FAN SPEED PLEASE”
3	“MINIMUM”	“FAN MINIMUM”
	“<a number between 1 and 7>”	“FAN <number>”
	“MAXIMUM”	“FAN MAXIMUM”

* Can be used as a shortcut. On vehicles fitted with an English language module the “FAN” shortcut is not available.

Defrosting/Demisting

Steps	User says	System answer
1	“CLIMATE”	“CLIMATE”
2	“DEFROSTING ON/DEMISTING ON”*	“DEFROSTING ON/DEMISTING ON”
	“DEFROSTING OFF/DEMISTING OFF”*	“DEFROSTING OFF/DEMISTING OFF”

* Can be used as a shortcut.

Temperature

This function allows you to adjust the temperature.

Steps	User says	System answer
1	“CLIMATE”	“CLIMATE”
2	“TEMPERATURE”	“TEMPERATURE PLEASE”
3	“MINIMUM”	“TEMPERATURE MINIMUM”
	“<a number between 15 and 29ºC with 0.5 increments>”	“TEMPERATURE <number>”
	“MAXIMUM”	“TEMPERATURE MAXIMUM”

* Can be used as a shortcut.

Auto mode

Steps	User says	System answer
1	“CLIMATE”	“CLIMATE”
2	“AUTO MODE”*	“AUTO MODE”

* Can be used as a shortcut. Can be deactivated by selecting a different temperature or fan speed.

GENERAL INFORMATION

CAUTIONS

Take care when handling external devices with exposed electrical connectors (such as the USB plug). Always replace the protective cap/shield when possible. There may be a risk of electrostatic discharge causing damage to the device.

Do not touch or handle the USB socket in the vehicle. Cover the socket when not in use.

Only use USB Mass-Storage device compliant devices.

Always switch your audio unit to a different source (for example the radio) before unplugging the USB device.

Do not install or connect USB hubs or splitters.

Note: The system is only designed to recognize and read suitable audio files from a USB device that conforms to the USB Mass-Storage device class or an iPod. Not all available USB devices can be guaranteed to function with the system.

Note: It is possible to connect compatible devices with a trailing USB lead as well as those that plug into the vehicle USB socket directly (for example USB memory sticks and pen drives).

Note: Some USB devices with a higher power consumption may not be compatible (for example some larger hard drives).

Note: Access time to read the files on the external device will vary depending upon factors such as the file structure, size and device content.

The system supports a range of external devices, to fully integrate with your audio unit via the USB and auxiliary input sockets. Once connected, control of the external device is possible via the audio unit.

A list of typical compatible devices are shown below:

- USB memory sticks
- USB portable hard drives
- Some MP3 players with USB connection
- iPod media players (refer to **www.ford-mobile-connectivity.com** for latest compatibility list).

The system is USB 2.0 full speed compatible, USB 1.1 host compliant and supports FAT 16/32 file systems.

Information on audio file structures for external devices

USB

Create only a single partition on the USB device.

If playlists are created, they must contain correct file paths referenced to the USB device. It is recommended to create the playlist after the audio files have been transferred to the USB device.

Playlists must be created in .m3u format. Audio files must be in .mp3 format.

Do not exceed the following limits:

- 1,000 items per folder (files, folders and playlists)
- 5,000 folders per USB device (including playlists)

- 8 subfolder levels.

To enable voice control for custom playlists and folders, follow the procedure below:

- Create folders named with the structure "**Ford<*>**" where <*> is a number 1-10. For example "**Ford3**" without an extension.
- Create playlists named with the structure "**Ford<*>.m3u**" where <*> is a number 1-10. For example "**Ford5.m3u**" without any space between "**Ford**" and the number.

Thereafter, custom folders and playlists will be selectable with voice control. See **Audio unit commands** (page 229).

iPod

To enable voice control for custom playlists, create playlists named with the structure "**Ford<*>**" where <*> is a number 1-10. For example "**Ford7**" without any space between "**Ford**" and the number.

Thereafter, playlists will be selectable with voice control. See **Audio unit commands** (page 229).

CONNECTING AN EXTERNAL DEVICE

WARNING

Make sure the external device is securely mounted within the vehicle, and that trailing connections do not obstruct any of the driving controls.

External devices may be connected using the auxiliary input socket and the USB port. See **Auxiliary input (AUX IN) socket** (page 116). See **USB port** (page 117).

Connection

Plug in the device, and if necessary secure it to prevent movement within the vehicle.

Connecting an iPod

For optimum convenience and audio quality, we recommend that you purchase a dedicated single connection lead available from your dealer.

Alternatively, it is possible to connect your iPod using the standard iPod USB cable and a separate 3.5mm audio jack lead. If using this method preset the iPod volume to maximum and turn off any equalizer settings before making the connections:

- Connect the headphone output of the iPod to the AUX IN socket.
- Connect the USB cable from the iPod to the vehicle USB socket.

CONNECTING AN EXTERNAL DEVICE - VEHICLES WITH: BLUETOOTH

Connecting a Bluetooth audio device

CAUTION

As various standards exist, manufacturers are able to implement a variety of profiles in their Bluetooth devices. Because of this, an incompatibility can occur between the Bluetooth device and the system, which in some cases may limit system functionality. To avoid this situation, only recommended devices should be used.

Please visit the website **www.ford-mobile-connectivity.com** for full details.

Bonding the device

Note: Some audio and navigation units have a separate Bluetooth audio menu.

Use this to access setup and control. To connect the device to the system follow the same procedure as for Bluetooth hands free phones. See **Bluetooth setup** (page 222).

Operating the device

Select Bluetooth audio as the active source.

Tracks can be accessed by skipping forwards and backwards using the steering wheel controls, or directly from the audio unit controls.

USING A USB DEVICE (where fitted)

Various icons are used to identify types of audio file, folders etc.


USB device is the active source


Folder


Playlist


Album


Artist


Filename


Track title


Information not available

Sony radio

Operation

Select the USB device as the audio source by repeatedly pressing the **CD/AUX** button until USB appears in the display. After first connecting the USB device, the first track within the first folder will start to play automatically.

Subsequently, following audio source switching, the position of playback on the USB device is remembered.

To browse the device contents, press the up/down arrow key or the OK button once.

The display will show the track information, together with other important information described below:

- A vertical scroll bar on the right side of the display shows the current position of the folder view.
- “>” after an entry indicates a further level down is readable (for example a folder named after an album, with individual album tracks within that folder).
- “<” before the list indicates that a further level up is readable.

- Icons to the left of track/folder text indicate the type of file/folder. Refer to the list for an explanation of these icons.

To navigate the USB device contents, use the up/down arrow keys to scroll through lists, and the left/right keys to move up or down within the folder hierarchy. Once your desired track, playlist or folder is highlighted, press the OK button to select playback.

Note: If you wish to jump to the top level of the USB device contents, press and hold the left arrow key.

Audio control

Press the left and right arrow keys to skip backwards and forwards through tracks.

Press and hold the left/right arrow keys to enable fast rewind/fast forward through track content.

Press the up/down arrow key or the OK button to browse the device contents.

Press the **MENU** key to enter the USB menu. It is possible to enable shuffle and repeat functions here with respect to folders and playlists.

Press the **SCAN** button to scan the whole device, current folder or a playlist if it is in operation.

Press the **INFO** button to display the following:

- Filename
- Title
- Artist
- Album
- Track number and playing time.

Repeated button presses will scroll through these displays.

USING AN IPOD

Various icons are used to identify types of audio file, folders etc.


iPod is the active source


iPod playlist


iPod artist


iPod album


iPod genre


iPod song


iPod generic category


iPod generic media file

Sony radio

Operation

Select the iPod as the audio source by repeatedly pressing the **CD/AUX** button until iPod appears in the display.

The iPod menu list for browsing contents will be available through the radio display.

Navigation of the contents follows the same principles as for iPod standalone use (for example search by artist, title, etc.). To browse the iPod contents, press the up/down arrow key or the OK button once.

The display will show the track information, together with other important information described below:

- A vertical scroll bar on the right side of the display shows the current position of the list view.
- ">" after an entry indicates a further level down is readable (for example all albums by a particular artist).
- "<" before the list indicates that a further level up is readable.
- An icon on the left side indicates the type of the currently displayed list (for example list of albums). Refer to the list for an explanation of these icons.

To navigate the iPod contents, use the up/down arrow keys to scroll through lists, and the left/right keys to move up or down within the hierarchy. Once your desired track, playlist, album, artist or genre is highlighted, press the OK button to select playback.

Note: If you wish to jump to the top level of the iPod contents, press and hold the left arrow key.

Audio control

Press the left and right arrow keys to skip backwards and forwards through tracks.

Press and hold the left/right arrow keys to enable fast rewind/fast forward through track content.

Press the up/down arrow key or the OK button to browse the iPod contents.

Press the **MENU** key to enter the iPod menu. It is possible to enable shuffle and repeat functions here. It is also possible to enable the iPod "Shuffle songs" option directly from the top level.

Press the **SCAN** button to scan the currently selected tracks.

Press the **INFO** button to display the following:

- Title
- Artist
- Track number and playing time.

Repeated button presses will scroll through these displays.

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.

ELECTROMAGNETIC COMPATIBILITY

WARNINGS

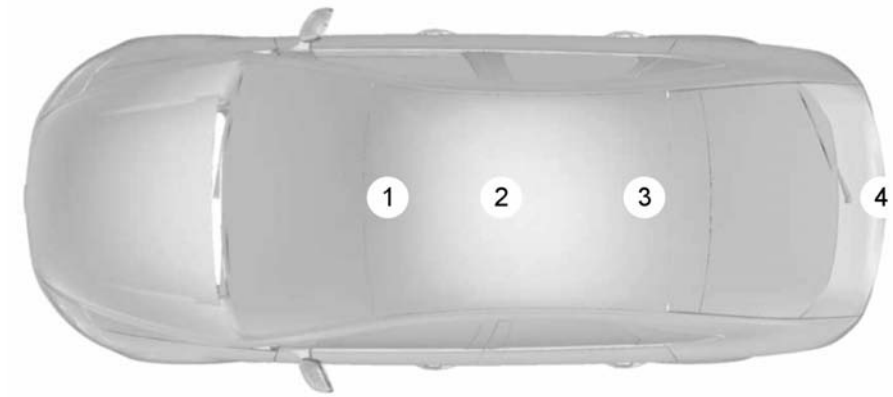
Your vehicle has been tested and certified to European legislations relating to electromagnetic compatibility (2004/104/EC). It is your responsibility to ensure that any equipment you have fitted complies with applicable local legislations. Have any equipment fitted by properly trained technicians.

Radio frequency (RF) 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 100mm 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 human exposure limits specified in EU directive 2004/40/EC.

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N.Z.: *FORD CUSTOMER SERVICE DIVISION, FORD MOTOR COMPANY OF NEW ZEALAND, PRIVATE BAG 76 912, MANUKAU CITY, NEW ZEALAND.*

VEHICLE IDENTIFICATION

Your *Vehicle Identification Number* (VIN) may be documented in the back cover of your owner's manual or is stamped on the metal compliance plate in the engine bay. Should you have any query in locating this, please feel free to contact us in:
Australia via phone 13 FORD (13 36 73) or New Zeland via 0800 FORD NZ (0800 367 369).

STATE OF REGISTRATION ***REGISTRATION NUMBER*** ***SIDO***

OWNER / DRIVER DETAILS

Title: *Mr/Miss/Ms/Mrs/Dr (please circle one)*

First Name: _____

Last Name: _____

Address: _____

Suburb/Town: _____

Postcode: _____

State: _____

Country: _____

Email Address: _____

Telephone Number: ☐ H ☐ W ☐ M _____

Joint Owner (if applicable):

Title: *Mr/Miss/Ms/Mrs/Dr (please circle one)*

First Name: _____

Last Name: _____

Company Name *(if applicable)*: _____

Fleet Manager *(if applicable)*: _____

Signature: _____ Date: / /

Thank you for completing this form. Your personal information is used by us to update our records, notify you of service actions, (for example recalls and scheduled servicing), and for you to obtain warranties or requested additional services from us. From time to time, we may wish to provide you with promotional material which we think you will be interested in. However, as we respect your right to privacy, please tick the box below if you do not wish to receive promotional material from us. For more information about our privacy policy, in Australia please call 13 FORD (13 36 73) or visit our website at www.ford.com.au, and in New Zealand, please call 0800 FORD NZ (0800 367 369) or visit www.ford.co.nz.

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