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ABOUT THIS MANUAL

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

WARNING

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

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

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

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

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

SYMBOLS GLOSSARY

Symbols in this handbook

WARNING

You risk 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.

REPLACEMENT PARTS RECOMMENDATION

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 it 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 of 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
- Wing
- Doors
- Luggage compartment lid

**Bumper and radiator grille**
- Radiator grille
- Front and rear bumper

**Exterior mirror**

**Glass**
- Rear window
- Side glass
- Windscreen
Introduction

Lighting

- Rear lamps
- Headlamp
Instrument panel overview

Right-hand drive

A Door lock button. See Locking and Unlocking (page 27).

B Audio unit. See Audio unit overview (page 122).

C Multi functional display.


E Instrument cluster. See Gauges (page 46). See Warning Lamps and Indicators (page 46).
At a Glance

F  Wiper lever. See Wipers and Washers (page 32).

G  Air vents. See Air Vents (page 61).


I  Bonnet release lever. See Opening and Closing the Bonnet (page 98).

J  Cruise control. See Using Cruise Control (page 83).

K  Ignition switch.

L  Steering wheel adjustment. See Adjusting the Steering Wheel (page 30).

M  Horn.

N  Audio control. See Audio Control (page 30).

O  Card holder.

P  Climate controls. See Climate Control (page 61).

Q  Hazard warning flasher switch. See Hazard Warning Flashers (page 36).

---

Locking and unlocking

Unlocking the vehicle

Press the unlock button once to unlock the vehicle. See Programming the remote control (page 25).

Press the lock button once to activate central locking.

Press the luggage compartment lid unlock button twice within three seconds to unlock the luggage compartment.

See Locking and Unlocking (page 27).

Adjusting the steering wheel

**WARNING**

Never adjust the steering wheel when the vehicle is moving.
WARNING
Make sure that you fully engage the locking lever when returning it to its original position.

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

Close the centre air vents and open the side air vents. Direct the side air vents toward the side windows.

See Manual Climate Control (page 62).

Automatic climate control
Recommended settings for cooling
Set the temperature to 22°C (72°F). 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**

![Climate Control Interface](image)

If the lever is tapped up or down, the direction indicators will flash three times.

**Direction indicators**

![Direction Indicators](image)

**Airbag**

![Airbag Warning](image)

**WARNING**
To avoid the risk of death or serious injury, never use a rearward facing child restraint in the front, unless the air bag is off.

See **Child Safety** (page 15).

**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.
1. Pull to open the flap.
2. Open the flap fully until it engages. Turn the fuel filler cap anti-clockwise.
3. When the filler cap is removed, a hissing noise may be heard. This is normal and should be disregarded.
4. To close, turn the fuel filler cap clockwise until it clicks.
5. Close and push the fuel filler flap to lock it.
Child Safety

CHILD SEATS (G1071213)

WARNINGS

⚠️ 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.

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

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

⚠️ Do not modify child restraints in any way.

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

⚠️ Do not leave children unattended inside your vehicle in a doors closed condition.

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

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

A choice of approved child restraints, which have been specifically tested and approved for your vehicle are available from your Dealer.

Child restraints for different mass groups

Use the correct child restraint as follows:

Baby safety seat

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

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

CHILD SEAT POSITIONING (G1255345)

<table>
<thead>
<tr>
<th>Seating positions</th>
<th>Mass group categories</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Up to 10 kg</td>
</tr>
<tr>
<td>Front co-driver seat</td>
<td>UF¹</td>
</tr>
<tr>
<td>(without PAB)</td>
<td></td>
</tr>
<tr>
<td>Front co-driver seat</td>
<td>X</td>
</tr>
<tr>
<td>(with PAB)</td>
<td></td>
</tr>
<tr>
<td>Rear seat (3 point belt)</td>
<td>U</td>
</tr>
<tr>
<td>Rear seat (lap belt only)</td>
<td>X</td>
</tr>
</tbody>
</table>

PAB - Passenger airbag.

X Not suitable for children in this mass group.

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

UF¹ Suitable for universal category forward facing child seats approved for use in this mass group. However, we recommend that you secure children in a government approved child restraint, in the rear seat.
**BOOSTER SEATS (G558221)**

**WARNINGS**

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

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

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

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

⚠️ Make sure that your children sit in an upright position.

⚠️ Secure children that weigh more than 15 kilograms (33 pounds) but are less than 150 centimetres (59 inches) tall in a booster seat or a booster cushion.

**CAUTION**

⚠️ When using a child seat on a rear seat, make sure that the child seat rests tightly against the vehicle seat. It may be necessary to lift or remove the head restraint. See **Head Restraints** (page 67).

---

**Booster seat (Group 2)**

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.
**Child Safety**

**Booster cushion (Group 3)**

![Booster cushion image]

**Left-hand side**
Turn anti-clockwise to lock and clockwise to unlock.

**Right-hand side**
Turn clockwise to lock and anti-clockwise to unlock.

---

**CHILD SAFETY LOCKS** *(G1156163)*

**WARNING**

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

![Child safety lock image]
Airbags

**WARNINGS**

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

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

Wear a seat belt and keep sufficient distance between yourself and the steering wheel. Only when you use the seat belt properly, can it hold you in a position that allows the airbag to achieve its optimum effect.

Have repairs to the steering wheel, steering column, seats, airbags and seat belts carried out by properly trained technicians from Ford authorised dealerships.

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.

**WARNINGS**

The airbag may only deploy with the ignition switch in the on (II) position.

Always keep the areas in front of the airbags free. Never affix anything to or over these areas.

If you are too close to an inflating airbag, it could seriously injure you. Move your seat as far back as practical to allow room for airbag inflation.

Several airbag system components get hot after inflation. Do not touch after inflation.

Fitment of certain accessories e.g. bull bars or nudge bars may cause inadvertent or premature deployment of air bags.

**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.
Occipant protection

Your vehicle is equipped with an event data recorder which is capable of collecting and storing data during a crash or near crash event. The recorded information may assist in the investigation of such an event. To access this information special equipment must be directly connected to the recording modules. Ford does not access event data recorder information without obtaining consent unless pursuant to a court order or where required by law enforcement, other government authorities or other third parties may seek access to the information independent of Ford.

The airbag is a supplementary restraint system. It is designed to be used in addition to seat belts to help protect against head and chest injuries in certain moderate to severe frontal collisions.

The airbag system is not visible until it is activated. The air bag system is designed to deploy the driver and passenger front air bags in certain frontal and front angled collisions.

Because the system senses crash severity, some frontal and side collisions will not inflate the airbags. Front airbags are not designed to inflate in rollover, rear and low speed impacts.

The restraint system comprises:

- a driver airbag
- a front passenger airbag
- crash sensors
- an airbag warning lamp
- an electronic control and diagnostic unit.

Driver and front passenger airbags

Your vehicle is equipped with an air bag for the driver, located in the steering wheel and a passenger air bag is located in the instrument panel above the glove compartment. The passenger air bag can be identified by the 'Airbag' mark embedded on the airbag cover.

The seat back must be set correctly for the airbags to be optimally effective. See Sitting in the Correct Position (page 67). This helps to reduce the risk of injury from sitting too close to an inflating airbag.
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 face/body movement. During minor frontal collisions, overturns, rear collisions and side collisions, the driver and front passenger airbags will not deploy.

**WARNINGS**

If the passenger airbag cover shows signs of having been removed, the car should be towed to the nearest Authorised Ford Dealer for repair. Do not attempt to reinstall the cover. If the vehicle must be driven then on no account should there be an occupant in the front passenger seat.

The airbag(s) and energy management retractors will activate only once. Once activated, the airbags and energy management retraction will not function again and must be replaced immediately. The crash sensor must also be replaced. If the airbag(s) are not replaced, the un-repaired area will increase the risk of injury in a collision.

**Airbag warning light**

When the ignition switch is turned to position II, the airbag warning light on the instrument panel illuminates for approximately 3 seconds to indicate that the system is functional.

If the airbag warning light does not illuminate, if it stays on or illuminates intermittently or continuously while driving, it means there is a malfunction. Have the system checked by an Authorised Ford Dealer.

**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, it can hold you in a position to achieve its optimum effect.

The wearing of seat belts is required by law, even when airbags are fitted.

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 importance of wearing seat belts

Seat belts must be worn by all vehicle occupants to be properly restrained and help reduce the risk of injury in a collision. Wearing a seat belt will:

- help keep you in the proper position when the airbags inflate,
- reduce the risk of harm in rollover, side or rear impact collisions,
- reduce the risk of harm in frontal collisions that are not severe enough to activate the airbags,
- reduce the risk of being thrown from your vehicle.

FASTENING THE SEAT BELTS

(G1071217)

WARNINGS

⚠️ 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.

⚠️ Do not use a seat belt that is slack or twisted.
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 (G1087158)

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 (G1187005)

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

Deactivating the seat belt reminder
See your dealer.

USING SEAT BELTS DURING PREGNANCY (G558224)
Occupant protection

WARNING

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

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

GENERAL INFORMATION ON RADIO FREQUENCIES (G558226)

CAUTIONS

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

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

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

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

PROGRAMMING THE REMOTE CONTROL (G1225051)

A maximum of eight remote controls (including any supplied with your vehicle) can be programmed. The remote controls must remain inside the vehicle during the programming procedure. Fasten the front seat belts and close all doors to ensure that conflicting chimes do not sound during programming.

Programming a new remote control

1. To programme new remote controls turn the ignition key to position II four times within six seconds.

2. Turn the ignition to position 0. A tone sounds to indicate that it is now possible to programme the remote controls for ten seconds.

3. Press any button on a new remote control. A tone will sound as confirmation.

4. Repeat this last step for all your remote controls, including your original. Do not remove the key from the ignition when pressing the button on this remote control.

5. Switch the ignition back on (position II) or wait for ten seconds without programming another remote control to end the key programming. Only the remote controls which you have just programmed are now able to lock and unlock the vehicle.

Reprogramming the unlocking function

Note: When you press the unlock button either all the doors are unlocked or only the driver’s door and the luggage compartment lid are 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 (G1404608)

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

25 (G558226)
Keys and Remote Controls

Remote control with a folding key blade

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.

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

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.
LOCKING AND UNLOCKING

Note: Do not leave your keys in the vehicle.

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

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

Locking

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

Locking with the remote control

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

Unlocking

Unlocking with the key
Turn the top of the key towards the rear of the vehicle.

Unlocking with the remote control

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

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

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 25)).

Locking and unlocking confirmation

Note: If your vehicle has double locking, the direction indicators will only flash twice once you have activated double locking.

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

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

Locking and unlocking the doors from inside

Press the button. For item location, see At a Glance (page 10).
**Locks**

**Luggage compartment lid**

**Manual opening**

To open the luggage compartment, press the switch. The driver's door must be unlocked.

**Opening with the remote control**

Press the button twice within three seconds.

**Closing the luggage compartment lid**

**Locking the doors individually with the key**

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

**Left-hand side**

Turn clockwise to lock.

**Right-hand side**

Turn anti-clockwise to lock.

**Unlocking**

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

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

Unlock the driver's door using the key. The other doors can be unlocked individually by pulling the interior door handles on those doors.
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.
**ADJUSTING THE STEERING WHEEL** *(G1067214)*

**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 67).

**AUDIO CONTROL** *(G1087819)*

**WARNING**

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

**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
- accept an incoming telephone call
- end a telephone call.

**Seek**

Press the 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** the seek button to:

- tune the radio up or down the frequency band
- seek through a CD track.

**VOICE CONTROL** *(G1067216)*

Press the button to select or deselect voice control.

For further information See **Voice control** (page 143).
Wipers and Washers

WINDSCREEN WIPERS (G1402163)

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

Intermittent wipe

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

WINDSCREEN WASHERS (G1067218)

WARNING

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

While the button at the end of the lever is pressed the washer will work in conjunction with the wipers.

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

ADJUSTING THE WINDSCREEN WASHER JETS (G837703)

A Short wipe interval
B Intermittent wipe
C Long wipe interval
The eye ball jets can be adjusted precisely using a pin.

**CHECKING THE WIPER BLADES** (G839933)

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** (G1403277)

Windscreen wiper blades

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.
LIGHTING CONTROL

Lighting control positions

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.
Set the lighting control to position B.

Main and dipped beam

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.

**FRONT FOG LAMPS** (G833116)

**WARNING**

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

**REAR FOG LAMPS** (G833117)

**WARNINGS**

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

**HEADLAMP LEVELLING** (G1403278)

You can adjust the level of the headlamp beams according to the vehicle load.
Recommended headlamp levelling control positions

<table>
<thead>
<tr>
<th>Load</th>
<th>Load in luggage compartment</th>
<th>Control position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front seats</td>
<td>Rear seats</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>1-2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2-3</td>
<td>-</td>
<td>2</td>
</tr>
<tr>
<td>2.5</td>
<td>Max</td>
<td>2.5</td>
</tr>
<tr>
<td>1</td>
<td>3</td>
<td>Max</td>
</tr>
</tbody>
</table>

**HAZARD WARNING FLASHERS**

(G558240)

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

**INTERIOR LAMPS** (G1085009)

**Courtesy lamp**

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

**DIRECTION INDICATORS** (G1067263)

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**

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.

### REMOVING A HEADLAMP *(G1067264)*

1. Open the bonnet. See *Opening and Closing the Bonnet* (page 98).
2. Remove the screws.
3. Disconnect the electrical connector.
4. Remove the headlamp.

**Note:** When fitting the headlamp, make sure that you fully engage the headlamp in the retaining clips.

### CHANGING A BULB *(G1402169)*

**WARNINGS**

Switch the lights and the ignition off.

Let the bulb cool down before removing it.

**CAUTIONS**

Do not touch the glass of the bulb.

Only fit bulbs of the correct specification. See *Bulb Specification Chart* (page 42).

**Headlamp**

**Direction indicator**

1. Remove the headlamp. See *Removing a Headlamp* (page 37).
2. Remove the cover.
3. Turn the bulb holder anti-clockwise and remove it.
4. Remove the bulb.

**Headlamp main beam**
1. Remove the headlamp. See [Removing a Headlamp](page 37).

2. Remove the cover.
3. Release the retaining clip. Turn the bulb holder anti-clockwise and remove it.
4. Remove the bulb.

**Side lamp**
1. Remove the headlamp. See [Removing a Headlamp](page 37).

2. Remove the cover.
2. Remove the cover.
3. Pull the bulb holder and remove it. Remove the bulb.

**Side repeaters**

1. Press the side of the cover to release the clips.
2. Remove the cover.

3. Remove the bulb and bulb holder. Remove the bulb.

**Front fog lamps**

*Note: The front fog lamps are not serviceable items, please consult your dealer if these fail.*

**Rear lamps**

1. Lift up the luggage compartment seal.
2. Move the carpet.

3. Remove the wing nut.
4. Remove the rear lamp and unclip the bulb holder.

5. Remove the bulb.

6. Remove the interior trim.

A Tail and Brake
B Indicator

A Reverse
7. Remove the bulb holder.
8. Remove the bulb.

**Rear fog lamps**

*Note:* The rear fog lamps are not serviceable items, please consult your dealer if these fail.

**Central high mounted brake lamp**

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

**Number plate lamp**

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

**Interior lamp**

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

**Reading lamps**

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

**Luggage compartment lamp**

1. Carefully prise out the lamp.
2. Remove the bulb.
## BULB SPECIFICATION CHART

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Specification</th>
<th>Power (watt)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front direction indicator</td>
<td>PY21W</td>
<td>21</td>
</tr>
<tr>
<td>Headlamp main beam</td>
<td>H1</td>
<td>55</td>
</tr>
<tr>
<td>Headlamp dipped beam</td>
<td>H7</td>
<td>55</td>
</tr>
<tr>
<td>Side repeater</td>
<td>WY5W</td>
<td>5</td>
</tr>
<tr>
<td>Front fog lamp</td>
<td>H11</td>
<td>55</td>
</tr>
<tr>
<td>Side lamp</td>
<td>W5W</td>
<td>5</td>
</tr>
<tr>
<td>Rear direction indicator</td>
<td>PY21W</td>
<td>21</td>
</tr>
<tr>
<td>Brake and tail lamp</td>
<td>P21/5W</td>
<td>21/5</td>
</tr>
<tr>
<td>Rear fog lamp</td>
<td>P21W</td>
<td>21</td>
</tr>
<tr>
<td>Reversing lamp</td>
<td>W16W</td>
<td>16</td>
</tr>
<tr>
<td>Number plate lamp</td>
<td>W5W</td>
<td>5</td>
</tr>
<tr>
<td>Interior lamp</td>
<td>W6W</td>
<td>6</td>
</tr>
<tr>
<td>Reading lamp</td>
<td>W5W</td>
<td>5</td>
</tr>
<tr>
<td>Luggage compartment lamp</td>
<td>W5W</td>
<td>5</td>
</tr>
</tbody>
</table>
POWER WINDOWS (G1072270)

**WARNING**

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

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

Switch on the ignition to operate the electric windows.

**Driver’s door switches**

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

**Opening and closing the driver’s window automatically**

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

**Safety switch for rear windows**

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

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

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

**Anti-trap function**

**WARNING**

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

**Note:** The anti-trap function is only available on the driver’s window.

The electric window 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, e.g. in the winter, proceed as follows:

1. Close the window twice until it reaches the resistance and let it reverse.
2. Close the window a third time to the resistance. The anti-trap function is disabled and you cannot close the window automatically. The window will override the resistance and you can close it fully.

3. If the window does not close after the third attempt, have it checked by a properly trained technician.

**Resetting the memory of the electric window**

**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 for the driver’s 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.

**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.
Windows and Mirrors

Electric folding mirrors

Automatic folding and unfolding

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

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

Manual folding and unfolding
GAUGES (G1067275)

A Tachometer
B Information display
C Speedometer
D Fuel gauge
E Tripmeter reset button

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

WARNING LAMPS AND INDICATORS (G1406845)

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

- ABS
- Airbag
- Brake system
- Coolant temperature
- Cruise control
- Doors open
- Engine
- Frost
- Ignition
- Low fuel level
- Oil pressure
- Power steering
- Stability control (ESP)

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

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

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

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 102).

Cruise control indicator
It will illuminate when you have set a speed using the cruise control system. See Using Cruise Control (page 83).

Direction indicator
Flashes during operation. A sudden increase in the rate of flashing warns of a failed indicator bulb. See Changing a Bulb (page 37).

Doors open warning lamp
Illuminates when the ignition is switched on and remains on if any door, the bonnet or the luggage compartment is not closed properly.
Engine warning lamps

Malfunction indicator lamp

![Malfunction indicator lamp](image)

Powertrain warning lamp

![Powertrain warning lamp](image)

All vehicles

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

**WARNING**

Have this checked immediately.

If both lamps illuminate together, stop your vehicle as soon as it is safe to do so (continued use may cause reduced power and cause the engine to stop). Turn the ignition off and attempt to restart the engine. If the engine restarts have the system checked by a properly trained technician immediately. If the engine does not restart the vehicle must be checked before continuing your journey.

Front fog lamp indicator

![Front fog lamp indicator](image)

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

Oil pressure warning lamp

**CAUTION**

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

![Oil pressure warning lamp](image)

If it stays on after starting or illuminates when driving, this indicates a malfunction. Stop your vehicle as soon as it is safe to do so and switch the engine off. Check the engine oil level. See Engine Oil Check (page 101).

Glow plug indicator

![Glow plug indicator](image)

If it illuminates, wait until it extinguishes before starting.

Headlamp indicator

![Headlamp indicator](image)

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

Hill start assist indicator

![Hill start assist indicator](image)

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

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.

![Frost warning lamp](image)

It will illuminate and glow orange when the outside air temperature is between 4°C and 0°C. It will glow red when the temperature is below 0°C.
Ignition warning lamp

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

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 56).

Power steering warning lamp

Illuminates to indicate a malfunction of the power steering system. 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.

Rear fog lamp indicator

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

Seat belt reminder

See Seat belt reminder (page 23).

Stability control (ESP) indicator

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

Water-in-fuel indicator

Vehicles with a diesel engine

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

AUDIBLE WARNINGS AND INDICATORS (G1402164)

Lights on

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

Low fuel

A warning chime will sound when the low fuel warning lamp illuminates.

Seat belt reminder

WARNINGS

The seat belt reminder remains in stand-by mode when the front seat belts have been fastened. It will be reactivated if either seat belt is unfastened.

Do not sit on top of a fastened seat belt to prevent the seat belt reminder from coming on. The occupant protection system will only provide optimum protection when you use the seat belt properly.
When the vehicle’s speed exceeds the pre-determined limit, a warning chime will sound if either of the front seat belts are unfastened. The chime will stop after five minutes.
Information Displays

GENERAL INFORMATION

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

Various systems can be programmed using the audio unit controls.

Device list

The icon changes to show the current function in use.

- CD
- Radio
- Auxiliary input
- Phone

Press the up and down arrow buttons to scroll through and highlight the options within a menu.

Press the right arrow button to enter a sub-menu.

Press the left arrow button to exit a menu.

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

Press the OK button to choose and confirm a setting.

Menu structure

Type 1

- CD
- Folder / Tracks
- Radio
- FM
- FM AST
- AM
- AM AST
- AUX
- LINE IN

- Stations
- Stations
**Information Displays**

- **RADIO MODE**
  - MANUAL TUNE
  - SCAN
  - AUTOSTORE

- **CD MODE**
  - NORMAL
  - REPEAT
  - SHUFFLE
  - SCAN

- **MP3 CD MODE**
  - NORMAL
  - REPEAT
  - SHUFFLE
  - SCAN

- **AUDIO MENU**
  - AVC LEVEL
  - SOUND
  - DSP OCCUPANCY
  - DSP EQUALISER
  - NEWS
  - ALTERNATIVE FREQ.
  - RDS REGIONAL

- **VEHICLE SETTINGS**
  - POWERFOLD MIRRORS
  - TURN INDICATOR
  - AMBIENT LIGHTING
  - WARNING CHIMES
  - INFO CHIMES

- **CLOCK SETTING**
  - SET TIME
  - SET DATE
  - 12H/24H MODE

- **DISPLAY SETTINGS**
  - MEASURE UNIT
  - DISPLAY LANGUAGE
  - DIMMING

- **MESSAGES**

---

E104129

52 (gi337125)
Information Displays

**Type 2**

**Note:** Phone menu depends on phone capabilities and call status etc.

Use the **MENU** button and left arrow key to access the menus.
Information Displays

CD
Radio

- FM
- FM AST
- AM
- AM AST

AUX

- iPod
- USB
- BT Audio
- Line In

Phone

- Dial Number
- Active Call
- Redial
- Phone book
- Call Lists
- Select Phone
- Bluetooth On
- Reject all Calls

Menu

Audio

- Adaptive Vol.
- Sound
- DSP Occupancy
- DSP Equaliser
- News
- Alternat Freq.
- RDS Regional

Vehicle

Clock

Display

Messages

- Folder / Tracks
- Stations
- Stations
- Stations
- Stations

- Playlists
- Artists
- Albums
- Songs
- Genres

- Missed Calls
- Incoming Calls
- Outgoing Calls

- Adaptive Vol.
- Sound
- DSP Occupancy
- DSP Equaliser
- News
- Alternat Freq.
- RDS Regional

- Powerf Mirror
- Lane change in.
- Ambient light
- Chimes

- Set time
- Set date
- 24H Mode

- Measure unit
- Language
- Dimming
Press the button to scroll through the displays.

- **Trip**
  - **KM TRIP**: Registers the mileage of individual journeys.
  - **MLS TRIP**:

- **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**
  - **Ø L 100KM**: Indicates the average fuel consumption since the function was last reset.
  - **Ø MPG**

- **Instantaneous fuel consumption**
  - **L/100KM**
  - **MPG**

- **Stationary fuel consumption**
  - **L/H**
  - **G/H**

- **Average speed**
  - **Ø KM/H**
  - **Ø MPH**

- **Odometer**
  - **KM**
  - **MLS**

---

**PERSONALISED SETTINGS**

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

Toggling the measure units using this display will affect the following displays:
- Distance to empty
- Average fuel consumption
Information Displays

- Instantaneous fuel consumption
- Average speed

Chime deactivation
The following chimes can be deactivated:
- Warning messages.
- Information messages.

INFORMATION MESSAGES (G1404614)

Airbag

<table>
<thead>
<tr>
<th>Message</th>
<th>Warning lamp</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airbag malfunction service now</td>
<td>amber</td>
<td>Have the system checked by a properly trained technician as soon as possible.</td>
</tr>
</tbody>
</table>

Doors open

<table>
<thead>
<tr>
<th>Message</th>
<th>Warning lamp</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driver door open</td>
<td>red</td>
<td>Vehicle is moving. Stop the vehicle as soon as safely possible and close.</td>
</tr>
<tr>
<td>Driver's rear door open</td>
<td>red</td>
<td>Vehicle is moving. Stop the vehicle as soon as safely possible and close.</td>
</tr>
<tr>
<td>Passenger door open</td>
<td>red</td>
<td>Vehicle is moving. Stop the vehicle as soon as safely possible and close.</td>
</tr>
<tr>
<td>Passenger rear door open</td>
<td>red</td>
<td>Vehicle is moving. Stop the vehicle as soon as safely possible and close.</td>
</tr>
<tr>
<td>Boot open</td>
<td>red</td>
<td>Vehicle is moving. Stop the vehicle as soon as safely possible and close.</td>
</tr>
<tr>
<td>Bonnet open</td>
<td>red</td>
<td>Vehicle is moving. Stop the vehicle as soon as safely possible and close. See Opening and Closing the Bonnet (page 98).</td>
</tr>
</tbody>
</table>
## Information Displays

### Engine

<table>
<thead>
<tr>
<th>Message</th>
<th>Warning lamp</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine preheating</td>
<td>amber</td>
<td>See <a href="#">Starting a Diesel Engine</a> (page 73).</td>
</tr>
</tbody>
</table>

### Engine immobiliser

<table>
<thead>
<tr>
<th>Message</th>
<th>Warning lamp</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immobiliser malfunction service now</td>
<td>red</td>
<td>Have the system checked by a properly trained technician as soon as possible.</td>
</tr>
</tbody>
</table>

### Hill start assist

<table>
<thead>
<tr>
<th>Message</th>
<th>Warning lamp</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hill start assist not available</td>
<td>amber</td>
<td>Have the system checked by a properly trained technician as soon as possible.</td>
</tr>
</tbody>
</table>

### Lighting

<table>
<thead>
<tr>
<th>Message</th>
<th>Warning lamp</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Left indicator malfunction change bulb</td>
<td>-</td>
<td>See <a href="#">Changing a Bulb</a> (page 37).</td>
</tr>
<tr>
<td>Right indicator malfunction change bulb</td>
<td>-</td>
<td>See <a href="#">Changing a Bulb</a> (page 37).</td>
</tr>
</tbody>
</table>
**Information Displays**

### Maintenance

<table>
<thead>
<tr>
<th>Message</th>
<th>Warning lamp</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brake fluid level low stop safely</td>
<td>red</td>
<td>See <em>Brake and Clutch Fluid Check</em> (page 102).</td>
</tr>
<tr>
<td>Brake system malfunction stop safely</td>
<td>red</td>
<td>Have the system checked by a properly trained technician immediately.</td>
</tr>
<tr>
<td>Engine oil pressure low stop safely</td>
<td>red</td>
<td>See <em>Engine Oil Check</em> (page 101).</td>
</tr>
<tr>
<td>Engine malfunction service now</td>
<td>amber</td>
<td>Have the system checked by a properly trained technician as soon as possible.</td>
</tr>
</tbody>
</table>

### Steering

<table>
<thead>
<tr>
<th>Message</th>
<th>Warning lamp</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steering malfunction service now</td>
<td>red</td>
<td>Have the system checked by a properly trained technician immediately.</td>
</tr>
<tr>
<td>Steering malfunction stop safely</td>
<td>red</td>
<td>Have the system checked by a properly trained technician immediately.</td>
</tr>
<tr>
<td>Power steering malfunction service now</td>
<td>amber</td>
<td>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.</td>
</tr>
</tbody>
</table>
## Transmission (6-speed automatic)

<table>
<thead>
<tr>
<th>Message</th>
<th>Warning lamp</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transmission malfunction service now</td>
<td>red</td>
<td>Have the system checked by a properly trained technician immediately.</td>
</tr>
<tr>
<td>Transmission hot. Speed up or stop safely</td>
<td>red</td>
<td>Under certain driving conditions it is possible that the transmission can overheat. In these circumstances it is necessary to stop the vehicle or, where safe and legal to do so, accelerate to a higher speed to prevent damage to the transmission. Select <strong>N (NEUTRAL)</strong> or <strong>P (PARK)</strong> and apply the parking brake until the transmission has cooled.</td>
</tr>
<tr>
<td>Transmission hot. Wait...</td>
<td>red</td>
<td>Stop the vehicle. Select <strong>N (NEUTRAL)</strong> or <strong>P (PARK)</strong> and apply the parking brake. Remain stationary until the transmission has cooled.</td>
</tr>
<tr>
<td>Transmission ready</td>
<td>-</td>
<td>The vehicle can be driven as normal.</td>
</tr>
<tr>
<td>Vehicle not in PARK select P</td>
<td>-</td>
<td>See <strong>Automatic Transmission</strong> (page 76). See <strong>Starting and Stopping the Engine</strong> (page ?).</td>
</tr>
<tr>
<td>To start select N or P</td>
<td>-</td>
<td>See <strong>Automatic Transmission</strong> (page 76). See <strong>Starting and Stopping the Engine</strong> (page ?).</td>
</tr>
<tr>
<td>To start press brake</td>
<td>-</td>
<td>See <strong>Starting and Stopping the Engine</strong> (page ?).</td>
</tr>
<tr>
<td>To start select N</td>
<td>-</td>
<td>See <strong>Automatic Transmission</strong> (page 76). See <strong>Starting and Stopping the Engine</strong> (page ?).</td>
</tr>
<tr>
<td>Door open apply brake</td>
<td>-</td>
<td>See <strong>Automatic Transmission</strong> (page 76). See <strong>Starting and Stopping the Engine</strong> (page ?).</td>
</tr>
</tbody>
</table>
## Safety control (ESP)

<table>
<thead>
<tr>
<th>Message</th>
<th>Warning lamp</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABS malfunction service now</td>
<td>amber</td>
<td>Have the system checked by a properly trained technician as soon as possible.</td>
</tr>
<tr>
<td>ESP malfunction next service</td>
<td></td>
<td>Have the system checked by a properly trained technician.</td>
</tr>
</tbody>
</table>
PRINCIPLE OF OPERATION

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

Recirculated air

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

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

Heating
Heating performance depends on the temperature of the engine coolant.

Air conditioning

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

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

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

General information on controlling the interior climate

Fully close all the windows.

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

Cooling the interior
Direct the air towards your face.

AIR VENTS

Centre air vent

A Close
B Open
**Side air vent**

**MANUAL CLIMATE CONTROL**

(G1067278)

**Air distribution control**

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

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

**Blower**

**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.

**System settings**

**Note:** Set all controls to the positions shown.

**Measure units**

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

**Heating the interior quickly**

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

**Switching the air conditioning on and off**

![A/C][A]

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**

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

If you move the air distribution control to a position other than C, 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 C. If necessary, switch the heated windows on. See Heated Windows (page 65).

**Reducing interior air humidity**

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

**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.

**Units of measure**

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

**Setting the temperature**

You can set the temperature between 16°C (61°F) and 28°C (82°F) in steps of 0.5°C (1°F). In position LO, below 16°C (61°F), the system will switch to permanent cooling. In position HI, above 28°C (82°F), the system will switch to permanent heating. In these positions the system will not regulate a stable temperature.

**Blower**

The blower setting is indicated in the display.

To return to auto mode, press the AUTO button.

**Air distribution**

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

A B C

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

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

Switching off the automatic climate control

Press the OFF button.

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

HEATED WINDOWS

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

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

**Note:** The heated windows will automatically switch off after a preset time.

Press the heated rear window button to switch the heated rear window on and off.
SITTING IN THE CORRECT POSITION

Do not adjust the seats when the vehicle is moving.

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

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

- sit in an upright position with the base of your spine as far back as possible.
- do not recline the seatback more than 30 degrees.
- adjust the head restraint so that the top of it is level with the top of your head and as far forwards as possible, remaining comfortable.
- keep sufficient distance between yourself and the steering wheel. We recommend a minimum of 250 millimetres (10 inches) between your breastbone and the airbag cover.
- hold the steering wheel with your arms slightly bent.
- bend your legs slightly so that you can press the pedals fully.
- position the shoulder strap of the seat belt over the centre of your shoulder and position the lap strap tightly across your hips.

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

HEAD RESTRAINTS

Adjusting the head restraint

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.
Seats

Removing the head restraint
Press the locking buttons and remove the head restraint.

MANUAL SEATS (G1426562)

WARNING
Do not adjust the seats while the vehicle is moving.

Moving the seats forwards or backwards

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

Adjusting the height of the driver’s seat
Each pull or press on the lever will raise or lower the height by a small amount.

Adjusting the angle of the seatback

REAR SEATS (G1067296)

Folding the seatbacks down

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

- Do not attempt to fold the rear seat cushion forwards.
- Lower the head restraints. See **Head Restraints** (page 67).

**WARNINGS**

- When folding the seatbacks up, make sure that the belts are visible to an occupant and not caught behind the seat.
- Make sure that the seats and the seatbacks are secure and fully engaged in their catches.

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

**SUN VISORS (G837206)**

![SUN VISORS Image]

**CLOCK (G1084885)**

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

**CUP HOLDERS (G935467)**

**WARNING**

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

**CIGAR LIGHTER (G1084233)**

**CAUTIONS**

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

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

**STORAGE COMPARTMENTS (G1085094)**

**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.
Convenience features

MAP POCKETS

See Auxiliary input (AUX IN) socket (page 137).

USB PORT

See Connectivity (page 159).

FLOOR MATS

WARNINGs
- 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.
- Do not install additional floor mats on top of the factory installed floor mats.

AUXILIARY INPUT SOCKET
Starting and Stopping the Engine

STEERING WHEEL LOCK *(G1405108)*

**WARNING**

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

To activate the steering wheel lock:
1. Remove the key from the ignition switch.
2. Turn the steering wheel.

To deactivate the steering wheel lock:
1. Insert and turn the key to position I.

STARTING A PETROL ENGINE *(G558263)*

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

### Cold or hot engine

**Vehicles with manual transmission**

**Note:** Do not touch the accelerator pedal.

**Note:** Releasing the clutch pedal during engine start may stop the engine cranking and return to ignition on.
1. Fully depress the clutch pedal.
2. Start the engine.

**Vehicles with automatic transmission**

**Note:** Do not touch the accelerator pedal.

**Note:** Releasing the brake pedal during engine start may stop the engine cranking and return to ignition on.
1. Move the transmission selector lever to position P or N.
2. Fully depress the brake pedal.
3. Start the engine.

**All vehicles**

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

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

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

**Flooded engine**

**Vehicles with manual transmission**
1. Fully depress the clutch pedal.
2. Fully depress the accelerator pedal and hold it there.
3. Start the engine.

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

**All vehicles**

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

**Engine idle speed after starting**

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

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

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

STARTING A DIESEL ENGINE

(C558264)

Cold or hot engine

All vehicles

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

Note: Continue cranking the engine until it starts.

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

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

Vehicles with manual transmission

Note: Do not touch the accelerator pedal.
1. Fully depress the clutch pedal.
2. Start the engine.

Vehicles with automatic transmission

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

Note: Add 1 ml of IFTEX System G with every litre of Gasoline (Petrol). It is available at all Ford authorised dealerships.  

CAUTION  

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

Use minimum 91 octane unleaded petrol that meets the specification defined by EN 228, or equivalent.

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.  

Use diesel that has a sulphur level of 50ppm or less.

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.

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 (8 inches).
**Fuel and Refuelling**

*Note: Central locking also locks and unlocks the fuel filler flap. See Locking and Unlocking (page 27).*

5. Close the fuel filler flap.

**CATALYTIC CONVERTER**

**WARNING**

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

**Driving with a catalytic converter**

**CAUTIONS**

⚠️ Avoid running out of fuel.

⚠️ Do not crank the engine for long periods.

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

⚠️ Do not push-start or tow-start your vehicle. Use booster cables. See Jump-Starting the Vehicle (page 108).

⚠️ Do not switch the ignition off when driving.

**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.
MANUAL TRANSMISSION

**WARNINGS**

- Engage reverse gear only when the vehicle is stationary.
- Do not apply any undue lateral force to the gear lever when changing from 5th to 4th gear as this could lead to the inadvertent selection of 2nd gear.

**Reverse gear**

To select the reverse gear, shift the lever into the neutral position and then press the lever fully to the right against a spring pressure, before pulling rearwards.

AUTOMATIC TRANSMISSION

**WARNINGS**

- It is not possible to tow-start or push-start a vehicle fitted with an automatic transmission. See Jump-Starting the Vehicle (page 108).
- 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.

**Note:** The 6-speed transmission performs a series of automated checks when the ignition is turned to the off position. A slight clicking sound may be heard and is considered a normal part of operation.

**Note:** The reverse gear should be engaged only when the vehicle is stationary.

To avoid shifting noises when engaging the reverse gear, wait approximately three seconds with the clutch depressed when the vehicle is stationary.
Selector lever positions

Vehicles with 6-speed automatic transmission

![Selector lever](image)

<table>
<thead>
<tr>
<th>Mode</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>Park</td>
</tr>
<tr>
<td>R</td>
<td>Reverse</td>
</tr>
<tr>
<td>N</td>
<td>Neutral</td>
</tr>
<tr>
<td>D</td>
<td>Drive</td>
</tr>
<tr>
<td>L</td>
<td>Low</td>
</tr>
</tbody>
</table>

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.

**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.

**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.

**Grade assist**

**Note:** The transmission is in normal mode when drive is selected.

**Note:** The transmission will only operate in gears one through five if the grade assist function has been activated.

**Note:** When coasting down hill the grade assist function will allow extended use of the lower gears resulting in an increase in engine braking.

Note: The battery saver will deactivate the warning chime after a period of time.

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.
When climbing steep gradients there may be a tendency for the transmission to continually shift between gears. If this condition should arise press the button to activate the grade assist function. This will allow improved driveability in hilly terrain. The grade assist indicator will be illuminated.

Press the button again to deactivate the grade assist function.

**Low**

*Note:* The transmission will downshift to the appropriate gear for the current road speed.

Select low when descending steep gradients or driving in slow moving traffic.

**Emergency park position release lever**

*Note:* If position **P** is selected again, this procedure must be repeated.

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.

Lift up the cover in the centre console next to the selector lever with a small flat bladed tool.

With a small flat bladed tool push down the locking lever in the slot and simultaneously move the selector lever out of the **P** position.
**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 ANTI-LOCK BRAKES**

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

The ABS will not eliminate the risks when:

- you take corners too fast
- the road surface is poor.

**PARKING BRAKE**

**WARNING**

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

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

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

(G833608)

**Electronic stability programme (ESP)**

<table>
<thead>
<tr>
<th>WARNING</th>
</tr>
</thead>
<tbody>
<tr>
<td>The system does not relieve you of your responsibility to drive with due care and attention.</td>
</tr>
</tbody>
</table>

**Stability control (ESP) warning lamp**

While driving, it flashes during activation of the system. See **Warning Lamps and Indicators** (page 46).

**Emergency brake assist**

<table>
<thead>
<tr>
<th>WARNING</th>
</tr>
</thead>
<tbody>
<tr>
<td>The system does not relieve you of your responsibility to drive with due care and attention.</td>
</tr>
</tbody>
</table>

The system 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. The system can reduce stopping distances in critical situations.

The system 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.

---

**80 (G833608)**
Hill Start Assist

**PRINCIPLE OF OPERATION**

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

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

**WARNING**

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

**USING HILL START ASSIST**

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

**Activating the system**

**WARNINGS**

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

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

To activate the system:

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

**WARNING**

If a malfunction is detected when the system is active, the system will be deactivated. The warning lamp will illuminate and a message will be shown in the display. See **Warning Lamps and Indicators** (page 46). See **Information Messages** (page 56).

**Deactivating the system**

To deactivate the system, perform one of the following:

- Drive off uphill without re-applying the brake.
- Wait for two to three seconds until the system deactivates automatically.
- If the system is active in a forward gear, select reverse gear.
- If the system is active in reverse gear, select neutral.
Parking Aids

**PRINCIPLE OF OPERATION**

(G558274)

**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 (8 inches).

**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.

**PARKING AID - VEHICLES WITH: REAR PARKING AID**

(G963499)

**WARNING**

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

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

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

**Note:** If a high pitch tone is heard for three seconds, this indicates a malfunction. The system will be disabled. Have the system checked by a properly trained technician.
Cruise Control

**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 approximately 30 km/h (20 mph).*

**USING CRUISE CONTROL**

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

**Setting a speed**

*Press to store and maintain your current speed. The cruise control indicator will illuminate. See Warning Lamps and Indicators (page 46).*

**Changing the set speed**

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

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

---

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

*The system is ready for you to set a speed.*
Cruise Control

Cancelling the set speed

Press the brake pedal or the CAN RES switch.

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

Resuming the set speed

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

Switching cruise control off

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

**GENERAL INFORMATION** *(G1406851)*

**WARNINGS**

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

⚠️ Make sure that you secure all loose items properly.

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

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

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

**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.

**ROOF RACKS AND LOAD CARRIERS** *(G1083426)*

**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 50 kilogrammes (110 pounds) (including the roof rack).

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

- before starting
- after driving 50 kilometres (30 miles)
- at 1 000 kilometres (600 miles) intervals or less, depending on road surface.

To reduce fuel consumption, cross rails should be removed when not in use.
GENERAL DRIVING POINTS

(G843254)

Vehicles with a diesel engine

If the low fuel level warning lamp comes on, refuel as soon as possible. If you continue driving without refuelling, the engine will start to run unevenly. This indicates that you are about to run out of fuel. Refuel immediately.

RUNNING-IN (G658279)

Tyres

WARNING

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

Brakes and clutch

WARNING

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

Engine

CAUTION

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

COLD WEATHER PRECAUTIONS (G1235321)

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

DRIVING THROUGH WATER (G1163558)

Driving through water

CAUTIONS

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

Engine damage can occur if water enters the air filter.

In an emergency, the vehicle can be driven through water to a maximum depth of 200 millimetres (8 inches) and at a maximum speed of 10 km/h (6 mph). Extra caution should be exercised when driving through flowing water.

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

• Depress the brake pedal lightly and check that full brake function is achieved.

• Check that the horn works.
Driving Hints

- Check that the vehicle's lights are fully operational.
- Check the power assistance of the steering system.
First aid kit is stored in the glove box. It contains spare fuses, spare bulbs and emergency medical treatment kit. Use it under emergency situations.

**WARNING TRIANGLE**

Space is provided in the luggage compartment.
Fuses

FUSE BOX LOCATIONS (G1477126)

Engine compartment fuse box

Passenger compartment fuse box - RHD

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

CHANGING A FUSE (G842014)

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 properly trained technicians.

⚠️ 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.
### Fuse Specification Chart

**Engine compartment fuse box**

<table>
<thead>
<tr>
<th>Fuse</th>
<th>Ampere rating</th>
<th>Circuits protected</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>40</td>
<td>ABS module</td>
</tr>
<tr>
<td>2</td>
<td>60</td>
<td>Cooling system fan high speed</td>
</tr>
<tr>
<td>3</td>
<td>40</td>
<td>Cooling system fan low speed</td>
</tr>
<tr>
<td>4</td>
<td>30</td>
<td>Heater blower</td>
</tr>
<tr>
<td>5</td>
<td>60</td>
<td>Passenger compartment fuse box supply (battery)</td>
</tr>
<tr>
<td>6</td>
<td>30</td>
<td>Body control module (BCM)</td>
</tr>
<tr>
<td>7</td>
<td>60</td>
<td>Ignition relay</td>
</tr>
</tbody>
</table>

---

90 (GI406847)
### Fuses

<table>
<thead>
<tr>
<th>Fuse</th>
<th>Ampere rating</th>
<th>Circuits protected</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 (Diesel only)</td>
<td>60</td>
<td>Glow plug</td>
</tr>
<tr>
<td>9</td>
<td>20</td>
<td>Automatic transmission unit</td>
</tr>
<tr>
<td>10</td>
<td>20</td>
<td>Automatic transmission unit</td>
</tr>
<tr>
<td>11</td>
<td>30</td>
<td>Starter relay</td>
</tr>
<tr>
<td>12</td>
<td>7.5</td>
<td>Head lamp switch assembly</td>
</tr>
<tr>
<td>13</td>
<td>7.5</td>
<td>Back up lamp</td>
</tr>
<tr>
<td>14</td>
<td>-</td>
<td>Not used</td>
</tr>
<tr>
<td>15</td>
<td>-</td>
<td>Not used</td>
</tr>
<tr>
<td>16</td>
<td>15</td>
<td>Powertrain control module, engine control</td>
</tr>
<tr>
<td>17 (Petrol only)</td>
<td>15</td>
<td>Fuel pump relay</td>
</tr>
<tr>
<td>17 (Diesel only)</td>
<td>20</td>
<td>Fuel heater</td>
</tr>
<tr>
<td>18</td>
<td>10</td>
<td>Dipped beam left-hand relay</td>
</tr>
<tr>
<td>19</td>
<td>10</td>
<td>Dipped beam right-hand relay</td>
</tr>
<tr>
<td>20</td>
<td>10</td>
<td>Main beam left-hand relay</td>
</tr>
<tr>
<td>21</td>
<td>10</td>
<td>Main beam right-hand relay</td>
</tr>
<tr>
<td>22</td>
<td>15</td>
<td>(BCM) Lighting control battery supply</td>
</tr>
<tr>
<td>23</td>
<td>15</td>
<td>Front fog lamps</td>
</tr>
<tr>
<td>24</td>
<td>15</td>
<td>Direction indicators</td>
</tr>
<tr>
<td>25</td>
<td>-</td>
<td>Not used</td>
</tr>
<tr>
<td>26</td>
<td>7.5</td>
<td>Electric exterior mirrors switch, electric folding mirrors, power window (driver door)</td>
</tr>
<tr>
<td>27 (Petrol only)</td>
<td>10</td>
<td>Powertrain control module (PCM)</td>
</tr>
<tr>
<td>27 (Diesel only)</td>
<td>7.5</td>
<td>Powertrain control module (PCM)</td>
</tr>
<tr>
<td>28</td>
<td>20</td>
<td>Horn</td>
</tr>
</tbody>
</table>

91 (GI406847)
## Fuses

<table>
<thead>
<tr>
<th>Fuse</th>
<th>Ampere rating</th>
<th>Circuits protected</th>
</tr>
</thead>
<tbody>
<tr>
<td>29</td>
<td>10</td>
<td>Air conditioning clutch</td>
</tr>
<tr>
<td>30</td>
<td>-</td>
<td>Not used</td>
</tr>
<tr>
<td>31</td>
<td>-</td>
<td>Not used</td>
</tr>
<tr>
<td>32</td>
<td>20</td>
<td>Battery saver, horn</td>
</tr>
<tr>
<td>33</td>
<td>20</td>
<td>Heated rear window</td>
</tr>
<tr>
<td>34</td>
<td>20</td>
<td>Fuel tank, fuel pump relay, fuel heater</td>
</tr>
<tr>
<td>35</td>
<td>-</td>
<td>Not used</td>
</tr>
<tr>
<td>36</td>
<td>20</td>
<td>ABS valve (ESP only)</td>
</tr>
<tr>
<td>37</td>
<td>-</td>
<td>Not used</td>
</tr>
<tr>
<td>38</td>
<td>-</td>
<td>Not used</td>
</tr>
<tr>
<td>39</td>
<td>-</td>
<td>Not used</td>
</tr>
<tr>
<td>40</td>
<td>-</td>
<td>Not used</td>
</tr>
</tbody>
</table>

## Relays

<table>
<thead>
<tr>
<th>Relay</th>
<th>Circuits switched</th>
</tr>
</thead>
<tbody>
<tr>
<td>R1</td>
<td>Cooling system fan (High speed)</td>
</tr>
<tr>
<td>R2</td>
<td>Ignition</td>
</tr>
<tr>
<td>R3</td>
<td>Powertrain control module (PCM)</td>
</tr>
<tr>
<td>R4</td>
<td>Main beam</td>
</tr>
<tr>
<td>R5</td>
<td>Dipped beam</td>
</tr>
<tr>
<td>R6</td>
<td>Backup lamp (automatic transmission only)</td>
</tr>
<tr>
<td>R7</td>
<td>Cooling system fan (Low speed)</td>
</tr>
<tr>
<td>R8</td>
<td>Starter</td>
</tr>
<tr>
<td>R9</td>
<td>Air conditioning clutch</td>
</tr>
<tr>
<td>R10</td>
<td>Front fog lamps</td>
</tr>
</tbody>
</table>
### Fuses

<table>
<thead>
<tr>
<th>Relay</th>
<th>Circuits switched</th>
</tr>
</thead>
<tbody>
<tr>
<td>R11</td>
<td>Fuel pump, fuel heater</td>
</tr>
<tr>
<td>R12</td>
<td>Dual horn</td>
</tr>
<tr>
<td>R13</td>
<td>Heater blower</td>
</tr>
</tbody>
</table>

**Passenger compartment fuse box**

<table>
<thead>
<tr>
<th>Fuse</th>
<th>Ampererating</th>
<th>Circuits protected</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>7.5</td>
<td>Audio system, instrument cluster</td>
</tr>
<tr>
<td>2</td>
<td>10</td>
<td>Airbag module</td>
</tr>
<tr>
<td>3</td>
<td>-</td>
<td>Not used</td>
</tr>
</tbody>
</table>
### Fuses

<table>
<thead>
<tr>
<th>Fuse</th>
<th>Ampererating</th>
<th>Circuits protected</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>-</td>
<td>Not used</td>
</tr>
<tr>
<td>5</td>
<td>-</td>
<td>Not used</td>
</tr>
<tr>
<td>6</td>
<td>10</td>
<td>Passive anti theft system, electric power assisted steering (EPAS), instrument cluster, BCM</td>
</tr>
<tr>
<td>7</td>
<td>10</td>
<td>Gear shift</td>
</tr>
<tr>
<td>8</td>
<td>-</td>
<td>Not used</td>
</tr>
<tr>
<td>9</td>
<td>10</td>
<td>Stop lamp switch</td>
</tr>
<tr>
<td>10</td>
<td>20</td>
<td>BCM (windscreen wiper)</td>
</tr>
<tr>
<td>11</td>
<td>7.5</td>
<td>Multi functional display, clock, internal scanner, heating ventilating, air conditioning (HVAC) panel</td>
</tr>
<tr>
<td>12</td>
<td>15</td>
<td>Audio system</td>
</tr>
<tr>
<td>13</td>
<td>20</td>
<td>Cigar lighter</td>
</tr>
<tr>
<td>14</td>
<td>-</td>
<td>Not used</td>
</tr>
<tr>
<td>15</td>
<td>15</td>
<td>Data link connector</td>
</tr>
<tr>
<td>16</td>
<td>-</td>
<td>Not used</td>
</tr>
<tr>
<td>17</td>
<td>15</td>
<td>Ignition switch</td>
</tr>
<tr>
<td>18</td>
<td>7.5</td>
<td>Instrument Cluster</td>
</tr>
<tr>
<td>19</td>
<td>7.5</td>
<td>Fog lamp relay</td>
</tr>
<tr>
<td>20</td>
<td>7.5</td>
<td>Blower control, A/C clutch</td>
</tr>
<tr>
<td>21</td>
<td>-</td>
<td>Not used</td>
</tr>
<tr>
<td>22</td>
<td>15</td>
<td>Wiper switch, washer pump</td>
</tr>
<tr>
<td>23</td>
<td>-</td>
<td>Not used</td>
</tr>
<tr>
<td>24</td>
<td>15</td>
<td>Body control module and rear wiper</td>
</tr>
<tr>
<td>25</td>
<td>30</td>
<td>Power windows (rear)</td>
</tr>
<tr>
<td>26</td>
<td>30</td>
<td>Power windows (front)</td>
</tr>
</tbody>
</table>
TOWING POINTS

Front towing eye

Space is provided in the spare wheel well. The towing eye must **always** be carried in the vehicle.

**CAUTION**

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

**Note:** Insert the wheel brace on the underside of the cover and prise off the cover.

Rear towing hook

Note: On vehicles with a tow bar, use the tow bar to tow a vehicle.

TOWING THE VEHICLE ON FOUR WHEELS

All vehicles

**WARNINGS**

⚠️ Switch the ignition on when your vehicle is being towed. The steering lock will engage and the direction indicators and brake lamps will not work if you do not.

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

**CAUTIONS**

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

⚠️ 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 (12 mph) and a distance of 20 kilometres (12 miles) is to be exceeded the drive wheels must be lifted clear of the ground.
Vehicle recovery

CAUTIONS

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

⚠️ Do not tow your vehicle backwards.

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

⚠️ Do not tow your vehicle if the ambient temperature is below 0°C (32°F).
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 101).
• Brake fluid level. See Brake and Clutch Fluid Check (page 102).
• Washer fluid level. See Washer Fluid Check (page 102).
• Tyre pressures (when cold). See Technical Specifications (page 117).
• Tyre condition. See Wheels and Tyres (page 110).

Monthly checks

• Engine coolant level (engine cold). See Engine Coolant Check (page 102).
• Pipes, hoses and reservoirs for leaks.
• Air conditioning operation.
• Parking brake operation.
Horn operation.
- Tightness of wheel nuts. See Technical Specifications (page 117).

OPENING AND CLOSING THE BONNET (G1072274)

Opening the bonnet

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

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 (8 - 11 inches).
Engine coolant reservoir*: See Engine Coolant Check (page 102).

Brake and clutch fluid reservoir*: See Brake and Clutch Fluid Check (page 102).

Engine oil filler cap*: See Engine Oil Check (page 101).

Battery: See Vehicle battery (page 108).

Engine compartment fuse box: See Fuses (page 89).

Windscreen and rear window washer fluid reservoir: See Washer Fluid Check (page 102).

Air cleaner: No maintenance necessary.

Engine oil dipstick*: See Engine Oil Check (page 101).

*The filler caps and the engine oil dipstick are coloured for easy identification.
**UNDER BONNET OVERVIEW - 1.5L DURATORQ-TDCI (67KW/91PS)**

A  Engine coolant reservoir*: See **Engine Coolant Check** (page 102).

B  Brake and clutch fluid reservoir*: See **Brake and Clutch Fluid Check** (page 102).

C  Engine oil filler cap*: See **Engine Oil Check** (page 101).

D  Battery: See **Vehicle battery** (page 108).

E  Engine compartment fuse box: See **Fuses** (page 89).

F  Windscreen and rear window washer fluid reservoir: See **Washer Fluid Check** (page 102).

G  Air cleaner: No maintenance necessary.

H  Engine oil dipstick*: See **Engine Oil Check** (page 101).
*The filler caps and the engine oil dipstick are coloured for easy identification.

**ENGINE OIL DIPSTICK - 1.5L DURATEC-16V TI-VCT (81KW/110PS) - SIGMA (G1008647)**

**ENGINE OIL DIPSTICK - 1.5L DURATORQ-TDCI (67KW/91PS) (G1402511)**

**ENGINE OIL CHECK (G558289)**

---

**CAUTION**

Do not use oil additives or other engine treatments. Under certain conditions, they could damage the engine.

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

**Checking the oil level**

**CAUTION**

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

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

**Note:** Make sure that your vehicle is on level ground.

**Note:** Oil expands when it is hot. The level may therefore extend a few millimetres beyond the **MAX** mark.

Remove the dipstick and wipe it with a clean, lint free cloth. Replace the dipstick and remove it again to check the oil level. If the level is at the **MIN** mark, top up immediately.

**Topping up**

**WARNINGS**

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

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

Remove the filler cap.

**WARNING**

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

---

101 (G1008647)
Maintenance

**ENGINE COOLANT CHECK** (G1402508)

**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.

**CAUTION**

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 premixed coolant that meets the Ford specification. See **Technical Specifications** (page 103).

**WASHER FLUID CHECK** (G558292)

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

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

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

**BRAKE AND CLUTCH FLUID CHECK** (G558291)

**WARNINGS**

Use of any fluid other than the recommended brake fluid may reduce brake efficiency and not meet Ford’s performance standards.
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.

Note: Keep brake fluid clean and dry. Contamination with dirt, water, petroleum products or other materials may result in brake system damage and possible failure.

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

Top up with fluid that meets the Ford specification. See Technical Specifications (page 103).

TECHNICAL SPECIFICATIONS (G1397286)

Vehicle fluids

<table>
<thead>
<tr>
<th>Item</th>
<th>Recommended fluid</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine oil</td>
<td>Ford or Motorcraft Formula E SAE 5W-30 Engine Oil</td>
<td>WSS-M2C913-B</td>
</tr>
<tr>
<td>Coolant</td>
<td>Motorcraft SuperPlus Anti-freeze</td>
<td>WSS-M97B44-D</td>
</tr>
<tr>
<td>Brake fluid</td>
<td>Ford or Motorcraft Super DOT 4 Brake Fluid</td>
<td>WSS-M6C57-A2</td>
</tr>
<tr>
<td>Manual transmission fluid</td>
<td>Ford or Motorcraft Transmission fluid</td>
<td>WSD-M2C200-C</td>
</tr>
<tr>
<td>Washer fluid</td>
<td>Ford approved washer fluid</td>
<td>WSD-M8B16-AA</td>
</tr>
</tbody>
</table>

* You can use an alternative SAE 5W-30 engine oil, providing it meets the specification defined by WSS-M2C913-B.

Topping up the oil: If you are unable to find an oil that meets the specification defined by WSS-M2C913-B, you must use SAE 5W-30.

Capacities

<table>
<thead>
<tr>
<th>Variant</th>
<th>Item</th>
<th>Capacity in Litres (gallons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>All</td>
<td>Windscreen and rear window washer system</td>
<td>2.5 (0.6)</td>
</tr>
<tr>
<td>Vehicles with a petrol engine</td>
<td>Engine cooling system</td>
<td>approx. 5.5 (1.2)</td>
</tr>
<tr>
<td>Vehicles with a diesel engine</td>
<td>Engine cooling system</td>
<td>approx. 6.1 (1.3)</td>
</tr>
</tbody>
</table>
## Maintenance

<table>
<thead>
<tr>
<th>Variant</th>
<th>Item</th>
<th>Capacity in Litres (gallons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vehicles with a petrol engine</td>
<td>Fuel tank</td>
<td>42 (9.2)</td>
</tr>
<tr>
<td>Vehicles with a diesel engine</td>
<td>Fuel tank</td>
<td>42 (9.2)</td>
</tr>
<tr>
<td>1.5L Duratec-16V Ti-VCT (Sigma)</td>
<td>Engine lubrication system - including the oil filter</td>
<td>4 (0.9)</td>
</tr>
<tr>
<td>1.5L Duratec-16V Ti-VCT (Sigma)</td>
<td>Engine lubrication system - excluding the oil filter</td>
<td>3.8 (0.8)</td>
</tr>
<tr>
<td>1.5L Duratorq-TDCi (DV5) Diesel</td>
<td>Engine lubrication system - including the oil filter</td>
<td>3.9 (0.9)</td>
</tr>
<tr>
<td>1.5L Duratorq-TDCi (DV5) Diesel</td>
<td>Engine lubrication system - excluding the oil filter</td>
<td>3.5 (0.8)</td>
</tr>
</tbody>
</table>

## Engine oil top up capacities

<table>
<thead>
<tr>
<th>Engine</th>
<th>Capacity in litres (gallons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5L Duratec-16V Ti-VCT (Sigma)</td>
<td>0.8 (0.2)</td>
</tr>
<tr>
<td>1.5L Duratorq-TDCi (DV5) Diesel</td>
<td>1.6 (0.4)</td>
</tr>
</tbody>
</table>

## Engine specifications

<table>
<thead>
<tr>
<th>Engine type</th>
<th>1.5L Duratec-16V Ti-VCT (Sigma)</th>
<th>1.5L Duratorq-TDCi (DV5) Diesel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>1499 CC</td>
<td>1498 CC</td>
</tr>
<tr>
<td>Power output</td>
<td>81 KW (110 PS) @ 6045 rpm</td>
<td>67 KW (91 PS) @ 3750 rpm</td>
</tr>
<tr>
<td>Max.torque</td>
<td>140 Nm @ 4500 rpm</td>
<td>204 Nm @ 2000-2750 rpm</td>
</tr>
<tr>
<td>Continuous engine speed</td>
<td>6500 rpm</td>
<td>4500 rpm</td>
</tr>
<tr>
<td>Max.Intermittent engine speed</td>
<td>6720 rpm</td>
<td>5100 rpm</td>
</tr>
<tr>
<td>Idle speed</td>
<td>750 ± 50 rpm</td>
<td>750 ± 50 rpm</td>
</tr>
<tr>
<td>Induction system</td>
<td>Naturally aspirated</td>
<td>Turbocharged intercooled</td>
</tr>
</tbody>
</table>
## Maintenance

<table>
<thead>
<tr>
<th>Engine type</th>
<th>1.5L Duratec-16V Ti-VCT (Sigma)</th>
<th>1.5L Duratorq-TDCi (DV5) Diesel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Firing order</td>
<td>1-3-4-2</td>
<td>1-3-4-2</td>
</tr>
<tr>
<td>Spark plug gap</td>
<td>1 ± 0.05 mm</td>
<td>-</td>
</tr>
<tr>
<td>Ignition system</td>
<td>Electronic Ignition</td>
<td>Compression Ignition</td>
</tr>
</tbody>
</table>

105 (GI397286)
CLEANING THE EXTERIOR (G558293)

**WARNING**

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

**CAUTIONS**

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

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

⚠️ Remove the aerial before using an automatic car wash.

⚠️ Switch the heater blower off to prevent contamination of the fresh air filter.

We recommend that you wash your vehicle with a sponge and lukewarm water containing a car shampoo.

**Cleaning the headlamps**

**CAUTIONS**

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

⚠️ Do not wipe the headlamps when they are dry.

**Cleaning the rear window**

**CAUTION**

⚠️ Do not scrape the inside of the rear window or use abrasives or chemical solvents to clean it.

Use a clean, lint free cloth or a damp chamois leather to clean the inside of the rear window.

**Cleaning the chrome trim**

**CAUTION**

⚠️ Do not use abrasives or chemical solvents. Use soapy water.

**Cleaning the alloy wheels**

**Note:** Do not apply a cleaning chemical to warm or hot wheel rims and covers.

**Note:** Industrial-strength (heavy-duty) cleaners, or cleaning chemicals, in combination with brush agitation to remove brake dust and dirt, could wear away the clear coat finish over a period time.

**Note:** Do not use hydrofluoric acid-based or high caustic-based wheel cleaners, steel wool, fuels or strong household detergent.

**Note:** If you intend parking your vehicle for an extended period after cleaning the wheels with a wheel cleaner, drive your vehicle for a few minutes before doing so. This will reduce the risk of increased corrosion of the brake discs, brake pads and linings.

**Note:** Some automatic car washes may cause damage to the finish on your wheel rims and covers.

Alloy wheels and wheel covers are coated with a clear coat paint finish. To maintain their condition we recommend that you:

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

We recommend that you use Ford service wheel cleaner. Make sure that you read and follow the manufacturer’s instructions.
Using other non-recommended cleaning products can result in severe and permanent cosmetic damage.

**Body paintwork preservation**

**CAUTIONS**

- Do not polish your vehicle in strong sunshine.
- Do not allow polish to touch plastic surfaces. It could be difficult to remove.
- Do not apply polish to the windscreen or rear window. This could cause the wipers to become noisy and they may not clear the window properly.

We recommend that you wax the paintwork once or twice a year.

**CLEANING THE INTERIOR**

**Seat belts**

**WARNINGS**

- Do not use abrasives, or chemical solvents to clean them.
- Do not allow moisture to penetrate the seat belt retractor mechanism.

Clean the seat belts with interior cleaner or water applied with a soft sponge. Let the seat belts dry naturally, away from artificial heat.

**Instrument cluster screens, LCD screens, radio screens**

**WARNING**

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

**Rear windows**

**CAUTIONS**

- Do not use any abrasive materials to clean the interior of the rear windows.
- Do not install stickers or labels to the interior of the rear windows.

**REPAIRING MINOR PAINT DAMAGE**

**CAUTION**

- Remove apparently harmless looking substances from the paintwork immediately (e.g. bird droppings, tree resins, insect remains, tar spots, road salt and industrial fall out).

You should repair paintwork damage caused by stones from the road or minor scratches as soon as possible. A choice of products is available from your Ford Dealer. Read and follow the manufacturer’s instructions.
JUMP-STARTING THE VEHICLE

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

CAUTIONS
- Connect batteries with only the same nominal voltage.
- Always use booster cables with insulated clamps and adequate size cable.
- Do not disconnect the battery from the vehicle’s electrical system.

To connect the booster cables:

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 109).
**Vehicle battery**

**CAUTIONS**

1. Do not connect to the negative (–) terminal of the flat battery.
2. Make sure that the cables are clear of any moving parts and fuel delivery system parts.

To start the engine

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

**CAUTION**

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

Disconnect the cables in the reverse order.

**BATTERY WARNING SYMBOLS**

- No smoking, no naked flames, no sparks.
- Shield the eyes.
- Keep away from children.
- Corrosive.
- Note operating instructions.
- Explosive gas.

**BATTERY CONNECTION POINTS**

- Vehicle battery
Wheels and Tyres

GENERAL INFORMATION

CAUTIONS

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

If you change the diameter of the tyres from that fitted at the factory, the speedometer may not display the correct speed. Take the vehicle to your dealer to have the engine management system reprogrammed.

If you intend to change the size of the wheels from that fitted at the factory, check the suitability with your dealer.

Note: The imported tyres fitted in this vehicle meets the requirement of BIS and they comply with the requirements under the Central Motor Vehicles Rules (CMVR), 1989.

Note: Check your tyre pressures regularly to optimise fuel economy.

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

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

Vehicles with a temporary spare wheel

WARNINGS

If the spare wheel differs from the other fitted wheels, these rules must be followed:

- Do not exceed 80 km/h (50 mph).
- Drive the shortest possible distances.
- Do not fit more than one spare wheel on your vehicle at any one time.

Note: Your vehicle may exhibit some unusual driving characteristics.

Vehicle jack

WARNINGS

The vehicle jack supplied with your vehicle should only be used when changing a wheel in emergency situations.

Before using the vehicle jack, check that it is not damaged or deformed and that the thread is lubricated and free from foreign matter.

Never place anything between the jack and the ground, or the jack and the vehicle.

Note: Vehicles with a tyre repair kit are not equipped with a vehicle jack or a wheel brace.

It is recommended to use a workshop type hydraulic jack for changing between summer and winter tyres.

Note: Use a jack with a minimum lifting capacity of one tonne (one ton) and a lifting plate with a minimum diameter of 80 millimetres (3.1 inches).

CHANGING A ROAD WHEEL

Locking wheel nuts

You can obtain a replacement locking wheel nut key and replacement locking wheel nuts from your dealer using the reference number certificate.

110 (GI425534)
Wheels and Tyres

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

Jacking and lifting points

<table>
<thead>
<tr>
<th>CAUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
</tbody>
</table>

111 (G1402340)
Wheels and Tyres

A  Emergency use only
B  Maintenance

112 (GI402340)
Indentations in the sills A show the location of the jacking points.

**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.

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.

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

*Vehicles with side skirts*
Wheels and Tyres

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

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
- If your vehicle has a manual transmission, select first or reverse gear. If it has an automatic transmission, select park.
- Have the passengers leave the vehicle.
- Secure the diagonally opposite wheel with an appropriate block or wheel chock.
- Make sure that the arrows on directional tyres point in the direction of rotation when the vehicle is moving forwards. If you have to fit a spare wheel with the arrows pointing in the opposite direction, have the tyre refitted in the correct direction by a properly trained technician.
- Do not work underneath the vehicle when it is supported only by a jack.
- Make sure the jack base is flat on the ground and vertically below the jacking point.

CAUTION
- Do not lay alloy wheels face down on the ground, this will damage the paint.

Note: The spare wheel is located under the floor cover in the luggage compartment.
1. Install the locking wheel nut key.
2. Slacken the wheel nuts.
3. Assemble the jack handle.
4. Jack up the vehicle until the tyre is clear of the ground.

5. Unscrew and remove the wheel nuts and take off 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 117).

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

**CAUTION**

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

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

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

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

1. Install the wheel.
2. Install the wheel nuts finger tight.
3. Install the locking wheel nut key.
4. Partially tighten the wheel nuts in the sequence shown.
5. Lower the vehicle and remove the jack.
6. Fully tighten the wheel nuts in the sequence shown. See Technical Specifications (page 117).
7. Install the wheel trim using the ball of your hand.

**WARNING**

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

**TYRE CARE (G558297)**

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

**CAUTION**

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

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

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

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

**USING WINTER TYRES (G552691)**

**CAUTION**

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

If winter tyres are used, make sure that the tyre pressures are correct. See Technical Specifications (page 117).

**USING SNOW CHAINS (G1414465)**

Snow chains are not recommended to be used on this vehicle.
Wheels and Tyres

TECHNICAL SPECIFICATIONS (G1403279)

Wheel nut torque

<table>
<thead>
<tr>
<th>Wheel type</th>
<th>Nm (Ib-ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>All</td>
<td>135 (100)</td>
</tr>
</tbody>
</table>

Tyre pressures (cold tyres)

Up to 80 km/h (50 mph)

<table>
<thead>
<tr>
<th>Variant</th>
<th>Tyre size</th>
<th>Normal load</th>
<th>Full load</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Front</td>
<td>Rear</td>
</tr>
<tr>
<td></td>
<td></td>
<td>bar (psi)</td>
<td>bar (psi)</td>
</tr>
<tr>
<td>All</td>
<td>175/65 R 14</td>
<td>3 (44)</td>
<td>3 (44)</td>
</tr>
</tbody>
</table>

Up to 160 km/h (100 mph)

<table>
<thead>
<tr>
<th>Variant</th>
<th>Tyre size</th>
<th>Normal load</th>
<th>Full load</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Front</td>
<td>Rear</td>
</tr>
<tr>
<td></td>
<td></td>
<td>bar (psi)</td>
<td>bar (psi)</td>
</tr>
<tr>
<td>All</td>
<td>195/60 R 15</td>
<td>2.1 (30)</td>
<td>2.1 (30)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Variant</th>
<th>Tyre size</th>
<th>Normal load</th>
<th>Full load</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Front</td>
<td>Rear</td>
</tr>
<tr>
<td></td>
<td></td>
<td>bar (psi)</td>
<td>bar (psi)</td>
</tr>
<tr>
<td>All</td>
<td>195/60 R 15</td>
<td>2.1 (30)</td>
<td>2.1 (30)</td>
</tr>
</tbody>
</table>
The vehicle identification number is stamped into the floor panel on the right-hand side, beside the front seat.
## TECHNICAL SPECIFICATIONS

### Vehicle dimensions

<table>
<thead>
<tr>
<th>Item</th>
<th>Dimension Description</th>
<th>Dimension in mm (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Maximum length</td>
<td>4 291 (168.9)</td>
</tr>
<tr>
<td>B</td>
<td>Overall width including exterior mirrors</td>
<td>1 973 (77.7)</td>
</tr>
<tr>
<td>C</td>
<td>Overall height at EC kerb weight</td>
<td>1 433 - 1 469 (56.4 - 57.8)</td>
</tr>
</tbody>
</table>
## Capacities and Specifications

<table>
<thead>
<tr>
<th>Item</th>
<th>Dimension Description</th>
<th>Dimension in mm (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>Wheelbase</td>
<td>2 489 (98)</td>
</tr>
<tr>
<td>E</td>
<td>Front track</td>
<td>1 473 - 1 493 (58 - 58.8)</td>
</tr>
<tr>
<td>E</td>
<td>Rear track</td>
<td>1 460 - 1 480 (57.5 - 58.3)</td>
</tr>
</tbody>
</table>
IMPORTANT AUDIO INFORMATION (G1084344)

WARNINGS

⚠️ Due to technical incompatibility, recordable (CD-R) and rewritable (CD-RW) discs may not function correctly.

⚠️ These CD radio units will play compact discs that conform to the International Red Book standard audio specification. Copy protected CDs from some manufacturers do not conform to this standard and playback cannot be guaranteed.

⚠️ Dual format, dual sided discs (DVD Plus, CD-DVD format), adopted by the music industry, are thicker than normal CDs and consequently playback cannot be guaranteed, and jamming could occur. Irregular shaped CDs and CDs with a scratch protection film or self adhesive labels attached should not be used. Warranty claims, where this type of disc is found to be inside an audio unit returned for repair, will not be accepted.

⚠️ All CD units are designed to play commercially pressed 12 cm audio compact discs only.

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

Disc labels

Audio CD

MP3

Audio unit labels

CLASS 1 LASER PRODUCT
Audio unit overview

Note: Units have an integrated multi function display situated above the CD aperture. This shows important information regarding control of your audio unit. Additionally, there are various icons placed around the display screen which light up when a function is active (for example CD, Radio or Aux.)

Type 1

A CD eject. See Compact Disc Player (page 132).
B Navigation arrows.
C CD aperture. See Compact Disc Player (page 132).
D OK.
E Information.
F Traffic announcement. See Traffic information control (page 128).

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Audio unit overview

G  Station presets. See **Station preset buttons** (page 128).
H  Seek up. CD track selection. See **Station tuning control** (page 127). See **Track selection** (page 132).
I  On/off and volume control.
J  Seek down. CD track selection. See **Station tuning control** (page 127). See **Track selection** (page 132).
K  Menu select.
L  Sound menu select. See **Bass/treble control** (page 127). See **Balance/fade control** (page 127).
M  Auxiliary select. See **Auxiliary Input Socket** (page 71). See **Auxiliary input (AUX IN) socket** (page 137).
N  Radio and waveband select. See **Audio unit operation** (page 127).
O  CD select. See **Compact Disc Player** (page 132).

**Type 2**

![Type 2 Audio UnitDiagram](image)

A  Descriptions for function buttons 1-4
Audio unit overview

A  CD eject. See Compact Disc Player (page 132).
B  Navigation arrows.
C  CD aperture. See Compact Disc Player (page 132).
D  OK.
E  Information.
F  Traffic announcement. See Traffic information control (page 128).
G  Sound menu select. See Bass/treble control (page 127). See Balance/fade control (page 127).
H  Telephone keypad and station presets. See Using the telephone (page 141). See Station preset buttons (page 128).
I  Function 4.
J  Function 3.
K  Seek up. CD track selection. See Station tuning control (page 127). See Track selection (page 132).
Audio unit overview

L  On/off and volume control.
N  Function 2.
O  Function 1.
P  Menu select.
Q  Phone menu/mute. See Telephone (page 139).
R  Auxiliary, USB and iPod select. See Auxiliary Input Socket (page 71). See Auxiliary input (AUX IN) socket (page 137). See Connectivity (page 159).
S  Radio and waveband select. See Audio unit operation (page 127).
T  CD select. See Compact Disc Player (page 132).

Function buttons 1 to 4 are context dependent, and change according to the current unit mode. Descriptions for the functions are shown at the bottom of the screen display.
Each unit incorporates a unique code that is linked to the vehicle identification number (VIN). The system will automatically check that the audio unit and vehicle match before allowing operation.

If a security code message appears, please see your dealer.
ON/OFF CONTROL (G551755)

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.

BASS/TREBLE CONTROL (G1084692)

1. Press the sound menu button.
2. Use the up and down arrow buttons to select the required setting.
3. Use the left and right arrow buttons to make the necessary adjustment.
The display indicates the level selected. Press the OK button to confirm the new settings.

BALANCE/FADE CONTROL (G1084693)

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.

1. Press the sound menu button.
2. Use the up and down arrow buttons to select the required setting.
3. Use the left and right arrow buttons to make the necessary adjustment. The display indicates the level selected.
4. Press the OK button to confirm the new settings.

WAVEBAND BUTTON (G1085416)

Press the RADIO button to select from the wavebands available.

The selector can also be used to return to radio reception when you have been listening to another source.
Alternatively, press the left arrow button to display the available wavebands. Scroll to the required waveband and press OK.

STATION TUNING CONTROL (G1337098)

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

Manual tuning
Type 1
1. Press the MENU button.
2. Select RADIO mode and then MANUAL TUNE.
3. Use the left and right arrow buttons to tune down or up the waveband in small increments or press and hold to increment quickly, until you find a station you want to listen to.
4. Press OK to continue listening to a station.

Type 2
1. Press function button 2.
2. Use the left and right arrow buttons to tune down or up the waveband in small increments or press and hold to increment quickly, until you find a station you want to listen to.
3. Press OK to continue listening to a station.
Audio unit operation

Scan tuning

Scan allows you to listen to a few seconds of each station detected.

Type 1
1. Press the MENU button.
2. Select RADIO mode and then SCAN.
3. Use the seek buttons to scan up or down the selected waveband.
4. Press OK to continue listening to a station.

Type 2
1. Press function button 3.
2. Use the seek buttons to scan up or down the selected waveband.
3. Press function button 3 again or OK to continue listening to a station.

Note: When you drive to another part of the country, FM and DAB stations that broadcast on alternative frequencies, and are stored on preset buttons, may be updated with the correct frequency and station name for that area.

AUTOSTORE CONTROL

Note: This will store up to a maximum of the 10 strongest signals available, either from the AM or the FM waveband, and overwrite the previously stored stations. It can also be used to store stations manually in the same way as other wavebands.

• Press and hold function button 1 or the RADIO button.
• When the search is complete, sound is restored and the strongest signals are stored on the Autostore presets.

STATION PRESET BUTTONS

This feature allows you to store your favourite stations so that they can be recalled by selecting the appropriate waveband and pressing one of the preset buttons.

1. Select a waveband.
2. Tune to the station required.
3. Press and hold one of the preset buttons. A progress bar and message will appear. When the progress bar completes the station has been stored. The audio unit will also mute momentarily as confirmation.

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

Note: When you drive to another part of the country, FM and DAB stations that broadcast on alternative frequencies, and are stored on preset buttons, may be updated with the correct frequency and station name for that area.

TRAFFIC INFORMATION CONTROL

Many stations that broadcast on the FM waveband have a TP code to signify that they carry traffic programme information.

Activating traffic announcements

Before you can receive traffic announcements, you must press the TA button. A ‘TA’ display will appear to show the feature is switched on.

If you are already tuned to a station that broadcasts traffic information, ‘TP’ will also be displayed. Otherwise the unit will search for a traffic programme.

When traffic information is broadcast, it will automatically interrupt normal radio or CD playback and ‘Traffic announcement (TA)’ will appear in the display.

128 (G1085415)
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.

**Traffic announcement volume**

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

To adjust the preset volume:

- Use the volume control to make the necessary adjustment during an incoming TA broadcast. The display will show the level selected.

**Ending traffic announcements**

The audio unit will return to normal operation at the end of each traffic announcement. To end the announcement prematurely, press TA during the announcement.

**Note:** If you press TA or TRAFFIC at any other time it will switch all announcements off.
Audio unit menus

**AUTOMATIC VOLUME CONTROL** (G1084767)

When available, automatic volume control (AVC) adjusts the volume level to compensate for engine noise and road speed noise.

1. Press the MENU button and select AUDIO.
2. Select AVC LEVEL or ADAPTIVE VOL.
3. Use the left or right arrow button to adjust the setting.
4. Press the OK button to confirm your selection.
5. Press the MENU button to return.

**DIGITAL SIGNAL PROCESSING (DSP)** (G1337104)

**DSP occupancy**

This feature takes into account the differences in distance from the various speakers in the vehicle to each seat. Select the sitting position for which the audio is to be correctly enhanced.

**DSP equaliser**

Select the music category that most suits your listening preference. The audio output will change to enhance the particular style of music chosen.

**Changing the DSP settings**

1. Press the MENU button.
2. Select AUDIO.
3. Scroll to the required DSP function.
4. Use the up and down arrow buttons to select the required setting.
5. Press the OK button to confirm your selection.

6. Press the MENU button to return.

**NEWS BROADCASTS** (G1337106)

Some audio units interrupt normal reception to broadcast news bulletins from stations on the FM waveband or radio data system (RDS) and enhanced other network (EON) linked stations, in the same way as traffic information is provided.

During news broadcasts, the display will indicate there is an incoming announcement. News interrupts are broadcast at the same preset volume level as traffic announcements.

1. Press the MENU button.
2. Select AUDIO.
3. Scroll to NEWS and turn on or off with the OK button.
4. Press the MENU button to return.

**ALTERNATIVE FREQUENCIES** (G1337108)

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

If your radio has alternative frequencies (AF) tuning switched on and you move from one transmission area to another, this facility will search for and switch to a stronger station signal, if one can be found.

Under certain conditions, however, AF tuning may temporarily disrupt normal reception.
When selected, the unit continually evaluates signal strength and, if a better signal becomes available, the unit will switch to that alternative. It mutes while it checks a list of alternative frequencies and, if necessary, it will search once across the selected waveband for a genuine alternative frequency.

It will restore radio reception when it finds one or, if one is not found, the unit will return to the original stored frequency.

When selected, ‘AF’ will be shown in the display.

1. Press the MENU button.
2. Select AUDIO.
3. Scroll to ALTERNAT FREQ. and turn on or off with the OK button.
4. Press the MENU button to return.

**REGIONAL MODE (REG)**

Regional mode (REG) controls the behaviour of AF switching between regionally related networks of a parent broadcaster. A broadcaster may run a fairly large network across a large part of the country. At various times of the day this large network may be broken down into a number of smaller regional networks, typically centred on major towns or cities. When the network is not split into regional variants, the whole network carries the same programming.

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

Regional mode OFF: This allows a larger coverage area if neighbouring regional networks are carrying the same programming, but can cause 'random' AF switches if they are not.

1. Press the MENU button.
COMPACT DISC PLAYBACK

Note: During playback, the display indicates the disc, track and time that has elapsed since the start of the track.

During radio reception, press the CD button once to start CD playback. Playback will start immediately after a disc is loaded.

TRACK SELECTION

• Press the seek up button once to move to the next track or press it repeatedly to access later tracks.
• Press the seek down button once to replay the current track. If pressed within two seconds of the start of a track, the previous track will be selected.
• Press the seek down button repeatedly to select previous tracks.
• Press the up or down arrow buttons, and using the OK button, select the required track.

Type 2

The desired track number may be entered using the numeric keypad. Dial the required track number until complete (for example 1 then 2 for track 12), or dial the number and directly press OK.

FAST FORWARD/REVERSE

Press and hold the seek down or up buttons to search backwards or forwards within the tracks on the disc.

SHUFFLE/RANDOM

Random track playback, also known as shuffle, plays all tracks on the CD in random order.

Type 1

1. Press the MENU button and select CD MODE.
2. Select SHUFFLE, which then enables the function to be selected on or off.

When an MP3 CD is playing, options include SHUFFLE for the whole CD, or to play all the tracks in the folder in a random order.

Type 2

Press function button 2.

Note: When an MP3 CD is playing, options include SHUFFLE for the whole CD, or to play all the tracks in the folder in a random order. Repeat presses of function button 2 will toggle these options.
Compact Disc Player

Use the seek up or down button to select the next track to shuffle if required.

REPEAT COMPACT DISC TRACKS

Type 1
1. Press the MENU button and select CD MODE.
2. Select REPEAT, which then enables the function to be selected on or off. The track will replay once ended.

When an MP3 CD is playing, options include REPEAT for the track, or to repeat all the tracks in the folder.

Type 2
1. Press function button 1.

When an MP3 CD is playing, options include REPEAT for the track, or to repeat all the tracks in the folder. Repeat presses of function button 1 will toggle these options.

Press function button 3.

Note: When an MP3 CD is playing, options include SCAN for the CD, or just the tracks in the folder. Repeat presses of function button 3 will toggle these options.

Type 2
2. Press function button 3 again to stop the scan mode.

COMPACT DISC TRACK SCANNING

The SCAN function allows you to preview each track for approximately 5 seconds.

Type 1
Various scan modes are possible, according to the type of CD currently playing.
1. Press the MENU button and select CD MODE.
2. Select SCAN, which then enables the function to be selected on or off.

Note: When an MP3 CD is playing, options include SCAN for the CD, or just the tracks in the folder.

Type 2
1. Press function button 3.

When an MP3 CD is playing, options include SCAN for the CD, or just the tracks in the folder. Repeat presses of function button 3 will toggle these options.

2. Press function button 3 again to stop the scan mode.

MP3 FILE PLAYBACK

MP3 (MPEG 1 Audio Layer-3) is a standard technology and format for compressing audio data. This allows a more efficient use of the media.

You can play MP3 files recorded on CD-ROMs, CD-Rs, and CD-RWs. The disc must be in the ISO 9660 level 1 or level 2 format, or Joliet or Romeo in the expansion format. You can also use a disc recorded in Multi Session.

ISO 9660 format

This is the most common international standard for the logical format of files and folders on a CD-ROM.

There are several specification levels. In Level 1, file names must be in the 8.3 format (no more than 8 characters in the name, no more than 3 characters in the extension “.MP3”) and in capital letters.

Folder names can be no longer than 8 characters. There can be no more than 8 folder levels (trees). Level 2 specifications allow file names up to 31 characters long.

Each folder can have up to 8 trees.

For Joliet or Romeo in the expansion format, please consider these restrictions when configuring your CD writing software.
Multi session

This is a recording method that enables adding of data using the Track-At-Once method.

Conventional CDs begin at a CD control area called the Lead-in and end at an area called Lead-out. A Multi Session CD is a CD having multiple sessions, with each segment from Lead-in to Lead-out regarded as a single session.

- CD-Extra: The format that records audio (audio CD data) as tracks on session 1, and records data as tracks on session 2.
- Mixed CD: In this format, data is recorded as track 1, and audio (audio CD data) is recorded as track 2.

File formats

- With formats other than ISO 9660 level 1 and level 2, folder names or file names may not be displayed correctly.
- When naming, be sure to add the file extension ".MP3" to the file name.
- If you put the extension ".MP3" to a file other than MP3, the unit cannot recognize the file properly and will generate random noise that could damage your speakers.
- The following discs take a longer time to start playback.
  - a disc recorded with complicated tree structure.
  - a disc recorded in Multi Session.
  - a non-finalised disc to which data can be added.

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.)

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.)
**ID3 Tag Version 2**

The following occurs when an MP3 file containing ID3 tag ver.2 is played:

- When skipping a portion of ID3 tag ver.2 (at the beginning of the track), sound is not output. Skip time changes depending ID3 tag ver.2 capacity. Example: At 64 kbytes, it is about 2 seconds (with RealJukebox).
- The displayed elapsed playing time when skipping a portion of ID3 tag ver.2 is inaccurate. For MP3 files of a bit rate other than 128 kbps, time is not displayed accurately during playback.
- When an MP3 file is created with MP3 conversion software (e.g. RealJukebox - a registered trademark of RealNetworks Inc), ID3 ver.2 will automatically be written.

**MP3 navigation**

MP3 tracks may be recorded on the CD in several ways. They can all be placed in the root directory like a conventional audio CD, or they can be placed in folders that may represent, for example, an album, an artist, or a genre.

The normal playing sequence on CDs with multiple folders is to play the tracks within the root (top level) first, then the tracks in any folder(s) within the root, then move onto the second folder, and so forth.

- Press the up or down arrow buttons to enter the track list.
- Navigate the hierarchy using the arrow buttons to select another folder or track (file).
- Press OK to select a highlighted track.

**MP3 DISPLAY OPTIONS**

**Note:** Type 1 units may require repeated button presses of the INFO button to display all the available track information.

When an MP3 disc is playing, certain information encoded in each track can be displayed. Such information will normally include:

- The file name
- The folder name
- ID3 information which might be the album or artist's name

The unit will normally show the file name that is playing. To select one of the other items of information:

- Press the INFO button.

**CD text display options**

When an audio disc with CD text is playing, limited information encoded in each track can be displayed. Such information will normally include:

- The disc name
- The artist name
- The track name

These display options are selected in the same way as MP3 displays.

**ENDING COMPACT DISC PLAYBACK**

To restore radio reception on all units:
• Press the RADIO button.

**Note:** This will not eject the CD; the disc will merely pause at the point where radio reception was restored.

To resume CD playback, press the CD button again.
**Note:** For optimum performance when using any auxiliary device set the volume on the device high. This will reduce audio interference when charging the device via the vehicle power supply socket.

When fitted the Auxiliary input (AUX IN) socket permits an auxiliary device, such as an MP3 player, to be linked into the vehicle audio system. Output can be played through the vehicle speakers.

To connect an auxiliary device, plug it into the AUX IN socket using a 3.5 mm conventional audio jack connector.

Select the auxiliary input via the AUX or MENU button and playback will be heard through the vehicle speakers. LINE IN or LINE IN ACTIVE will appear in the vehicle audio unit display. Volume, treble and bass can be adjusted on the vehicle audio unit as normal.

The vehicle audio unit buttons can also be used to restore playback from the vehicle audio unit, while the auxiliary device remains connected.
### Audio Troubleshooting

<table>
<thead>
<tr>
<th>Audio unit display</th>
<th>Rectification</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLEASE CHECK CD</td>
<td>General error message for CD fault conditions, such as cannot read the CD, data-CD inserted, etc. Ensure disc is loaded correct way up. Clean and re-try, or replace disc with known music disc. If error persists contact your dealer.</td>
</tr>
<tr>
<td>CD DRIVE MALFUNCTION</td>
<td>General error message for CD fault conditions such as possible mechanism fault.</td>
</tr>
<tr>
<td>CD DRIVE HIGH TEMP</td>
<td>Ambient temperature too hot – unit will not work until it has cooled down.</td>
</tr>
<tr>
<td>IPOD ERROR READING DEVICE</td>
<td>General error message for iPod fault conditions, such as cannot read the data. Ensure iPod is inserted correctly. If error persists contact your dealer.</td>
</tr>
</tbody>
</table>
GENERAL INFORMATION

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

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.

Phones with Symbian operating system

Note: Certain phones require a special file to be installed to enable full phonebook access via Bluetooth.

TELEPHONE SETUP

Phonebook

Note: It may be necessary to confirm phonebook access to the Bluetooth system via the mobile phone.

After start up access to the phonebook list can be delayed for several minutes, depending upon the size.

Phonebook categories

Note: Entries may be displayed without a category attachment.

The category is 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.

After switching on the ignition and the audio unit, the Bluetooth phone must be bonded 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 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 (G1062198)**

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 (G1084240)**

**Remote control**

**Voice and mode button**

![Voice and mode button](E102756)
Incoming calls can be accepted by pressing the MODE button once. Press the button again to end the call.

**USING THE TELEPHONE**

*Note: Refer to your audio guide for details of the controls. See Audio unit overview (page 122).*

This chapter describes the phone functions of the audio unit.

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, RADIO or AUX.*

**Making a call**

**Dialling a number using voice control**

Phone numbers can be dialled using voice control. See **Telephone commands** (page 151).

**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 button.
2. Press the arrow buttons until the phone book is shown.
3. Press the OK button
4. 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 number.*
5. Press the OK 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 PHONE button.
2. Dial the number using the telephone keypad on the audio unit.
3. Press the OK button.

*Note: If you enter an incorrect digit whilst entering a phone number, press function button 3 to erase the last digit. A long press will erase the complete string of digits.*

**Ending a call**

Calls can be ended by pressing function button 4.

Audio units without a telephone keypad can also end a call by pressing the MODE button on the remote control.

**Redialling a number**

1. Press the PHONE button.
2. Press the arrow buttons until CALL LISTS is displayed.
3. Press the OK button.

*Note: If the active phone does not provide a call out list, the last outgoing call number/entry can be redialled.*

4. Press the up/down buttons to select the desired call list.
5. Press the OK button.
6. Press the up/down buttons to select the desired phone number.
7. Press the OK button.

**Redialling the last dialled number**

1. Press the PHONE button.
2. Press the arrow buttons until REDIAL is displayed.
3. Press the OK button.
If you have an audio unit with a telephone keypad:

1. Press the **PHONE** button.
2. Press the **OK** button.
3. Press function button 2.

**Receiving an incoming call**

**Accepting an incoming call**

Incoming calls can be accepted by pressing function button 1 or the **MODE** button on the remote control.

**Rejecting an incoming call**

Incoming calls can be rejected by pressing function button 4.

**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**

**Note:** The first incoming call will be disconnected and replaced by the second incoming call.

Second incoming calls can be accepted by pressing function button 1.

**Rejecting a second incoming call**

Second incoming calls can be rejected by pressing function button 4.

**Muting the microphone**

**Note:** During a call, it is possible to mute the microphone. Whilst muted, confirmation will appear in the display.

Press function button 1. 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.

**Note:** After bonding a phone to the system, this becomes the active phone.

1. Press the **PHONE** button.
2. Press the up/down buttons until **SELECT PHONE** is shown.
3. Press the **OK** button.
4. Scroll through the different stored phones by using the up/down buttons to display the bonded phones.
5. Press the **OK** 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** button.
2. Press the up/down buttons until **SELECT PHONE** is shown.
3. Press the **OK** button.
4. Press function button 1.
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
- 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.

**Short cuts**

There are a number of voice command short cuts available, which allow you to control some vehicle features without having to follow the complete command menu. These are:

- Phone: CALL or DIAL NAME, DIAL NUMBER, and REDIAL.
- Phone: CALL FIRST NAME, LAST NAME at LOCATION. Example: Call Fred Bloggs at home.
Voice control

- Automatic climate control: TEMPERATURE, AUTO MODE, DEFROSTING ON, DEMISTING ON, DEFROSTING OFF and DEMISTING OFF.
- Radio: TUNE NAME.
- External device (USB and iPod): TRACK.

Start communicating with the system

Before you can start talking to the system you first have to press the VOICE button for each operation and wait until the system answers with a beep. See Voice Control (page 31).

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 144). See Telephone commands (page 151).

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.

<table>
<thead>
<tr>
<th>&quot;CD PLAYER&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;HELP&quot;</td>
</tr>
<tr>
<td>&quot;PLAY&quot;</td>
</tr>
<tr>
<td>&quot;TRACK&quot;</td>
</tr>
<tr>
<td>&quot;SHUFFLE ALL&quot;</td>
</tr>
<tr>
<td>&quot;SHUFFLE FOLDER&quot;**</td>
</tr>
<tr>
<td>&quot;SHUFFLE OFF&quot;</td>
</tr>
<tr>
<td>&quot;REPEAT FOLDER&quot;**</td>
</tr>
</tbody>
</table>
Voice control

| "CD PLAYER" |
| "REPEAT TRACK" |
| "REPEAT OFF" |

* Can be used as a shortcut.
** Only available if the CD contains audio data files like MP3.

**Track**
You can choose a track on your CD directly.

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;CD PLAYER&quot;</td>
<td>&quot;CD PLAYER&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;TRACK&quot;</td>
<td>&quot;TRACK NUMBER PLEASE&quot;</td>
</tr>
<tr>
<td>3</td>
<td>&quot;&lt;a number between 1 and 99&gt;&quot;</td>
<td>&quot;TRACK &lt;number&gt;&quot;</td>
</tr>
</tbody>
</table>

* 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.

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;CD PLAYER&quot;</td>
<td>&quot;CD PLAYER&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;SHUFFLE ALL&quot;</td>
<td></td>
</tr>
</tbody>
</table>

**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 commands. The following lists will give further information about the complete command menu.
Voice control

"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.

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;RADIO&quot;</td>
<td>&quot;RADIO&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;AM&quot;</td>
<td>&quot;AM FREQUENCY PLEASE&quot;</td>
</tr>
<tr>
<td>3</td>
<td>&quot;FM&quot;</td>
<td>&quot;FM FREQUENCY PLEASE&quot;</td>
</tr>
<tr>
<td>4</td>
<td>&quot;&lt;frequency&gt;&quot;</td>
<td>&quot;TUNE &lt;frequency&gt;&quot;</td>
</tr>
</tbody>
</table>

* 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
- "Five thirty one" (531)
- "Nine hundred" (900)
- "Fourteen forty" (1440)

AM/LW band: 153 - 281 in increments of 1
- "One hundred fifty three" (153)
- "Two hundred eighty one" (281)
Voice control

- "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.

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;RADIO&quot;</td>
<td>&quot;RADIO&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;STORE NAME&quot;</td>
<td>&quot;STORE NAME&quot; &quot;NAME PLEASE&quot;</td>
</tr>
<tr>
<td>3</td>
<td>&quot;&lt;name&gt;&quot;</td>
<td>&quot;REPEAT NAME PLEASE&quot;</td>
</tr>
<tr>
<td>4</td>
<td>&quot;&lt;name&gt;&quot;</td>
<td>&quot;STORING NAME&quot; &quot;&lt;name&gt; STORED&quot;</td>
</tr>
</tbody>
</table>

**Tune name**
This function allows you to call up a stored radio station.

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;RADIO&quot;</td>
<td>&quot;RADIO&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;TUNE NAME&quot;</td>
<td>&quot;NAME PLEASE&quot;</td>
</tr>
<tr>
<td>3</td>
<td>&quot;&lt;name&gt;&quot;</td>
<td>&quot;TUNE &lt;name&gt;&quot;</td>
</tr>
</tbody>
</table>

* Can be used as a shortcut.

**Delete name**
This function allows you to delete a stored radio station.

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;RADIO&quot;</td>
<td>&quot;RADIO&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;DELETE NAME&quot;</td>
<td>&quot;NAME PLEASE&quot;</td>
</tr>
<tr>
<td>3</td>
<td>&quot;&lt;name&gt;&quot;</td>
<td>&quot;DELETE &lt;name&gt;&quot; &quot;CONFIRM YES OR NO&quot;</td>
</tr>
<tr>
<td>4</td>
<td>&quot;YES&quot;</td>
<td>&quot;DELETED&quot;</td>
</tr>
<tr>
<td></td>
<td>&quot;NO&quot;</td>
<td>&quot;COMMAND CANCELLED&quot;</td>
</tr>
</tbody>
</table>
Voice control

**Play directory**
This function allows you to let the system tell you all of the stored radio stations.

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;RADIO&quot;</td>
<td>&quot;RADIO&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;PLAY DIRECTORY&quot;</td>
<td>&quot;PLAY &lt;DIRECTORY&gt;&quot;</td>
</tr>
</tbody>
</table>

**Delete directory**
This function allows you to delete all stored radio stations at once.

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;RADIO&quot;</td>
<td>&quot;RADIO&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;DELETE DIRECTORY&quot;</td>
<td>&quot;DELETE DIRECTORY&quot;</td>
</tr>
<tr>
<td></td>
<td>&quot;CONFIRM YES OR NO&quot;</td>
<td>&quot;RADIO DIRECTORY DELETED&quot;</td>
</tr>
<tr>
<td>3</td>
<td>&quot;YES&quot;</td>
<td>&quot;RADIO DIRECTORY DELETED&quot;</td>
</tr>
<tr>
<td></td>
<td>&quot;NO&quot;</td>
<td>&quot;COMMAND CANCELLED&quot;</td>
</tr>
</tbody>
</table>

**Play**
This function switches the audio source to the radio mode.

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;RADIO&quot;</td>
<td>&quot;RADIO&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;PLAY&quot;</td>
<td></td>
</tr>
</tbody>
</table>

**Auxiliary input**
This function allows you to switch the audio source to the attached auxiliary input device.

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;EXTERNAL DEVICE&quot;</td>
<td>&quot;EXTERNAL DEVICE&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;LINE IN&quot;</td>
<td>&quot;LINE IN&quot;</td>
</tr>
</tbody>
</table>

148 (GI083776)
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.

<table>
<thead>
<tr>
<th>&quot;EXTERNAL DEVICE&quot;, &quot;USB&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;HELP&quot;</td>
</tr>
<tr>
<td>&quot;PLAY&quot;</td>
</tr>
<tr>
<td>&quot;TRACK&quot;**</td>
</tr>
<tr>
<td>&quot;PLAYLIST&quot;*</td>
</tr>
<tr>
<td>&quot;FOLDER&quot;**</td>
</tr>
<tr>
<td>&quot;SHUFFLE ALL&quot;</td>
</tr>
<tr>
<td>&quot;SHUFFLE FOLDER&quot;</td>
</tr>
<tr>
<td>&quot;SHUFFLE PLAYLIST&quot;</td>
</tr>
<tr>
<td>&quot;SHUFFLE OFF&quot;</td>
</tr>
<tr>
<td>&quot;REPEAT TRACK&quot;</td>
</tr>
<tr>
<td>&quot;REPEAT FOLDER&quot;</td>
</tr>
<tr>
<td>&quot;REPEAT OFF&quot;</td>
</tr>
</tbody>
</table>

* Can be used as a shortcut.

** Playlists and folders activated by voice control must be assigned special filenames. See General Information (page 159).

USB play

This function allows you to switch the audio source to the attached USB device.

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;EXTERNAL DEVICE&quot;</td>
<td>&quot;EXTERNAL DEVICE&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;USB&quot;</td>
<td>&quot;USB&quot;</td>
</tr>
<tr>
<td>3</td>
<td>&quot;PLAY&quot;</td>
<td></td>
</tr>
</tbody>
</table>
Voice control

**USB Track**

You can choose a track on your USB device directly.

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;EXTERNAL DEVICE&quot;</td>
<td>&quot;EXTERNAL DEVICE&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;USB&quot;</td>
<td>&quot;USB&quot;</td>
</tr>
<tr>
<td>3</td>
<td>&quot;TRACK&quot;</td>
<td>&quot;TRACK NUMBER PLEASE&quot;</td>
</tr>
<tr>
<td>4</td>
<td>&quot;&lt;a number between 1 and 99&gt;&quot;</td>
<td>&quot;TRACK &lt;number&gt;&quot;</td>
</tr>
</tbody>
</table>

* Additionally, 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.

* Can be used as a shortcut.

** Playlists activated by voice control must be assigned special filenames. See General Information (page 159).
Voice control

iPod Track
You can choose a track off the all titles list of your iPod directly.

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;EXTERNAL DEVICE&quot;</td>
<td>&quot;EXTERNAL DEVICE&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;IPOD&quot;</td>
<td>&quot;IPOD&quot;</td>
</tr>
<tr>
<td>3</td>
<td>&quot;TRACK&quot;</td>
<td>&quot;TRACK NUMBER PLEASE&quot;</td>
</tr>
<tr>
<td>4</td>
<td>&quot;&lt;a number between 1 and 99&gt;&quot;</td>
<td>&quot;TRACK &lt;number&gt;&quot;</td>
</tr>
</tbody>
</table>

* Can be used as a shortcut.
** Additionally, 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.

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;EXTERNAL DEVICE&quot;</td>
<td>&quot;EXTERNAL DEVICE&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;IPOD&quot;</td>
<td>&quot;IPOD&quot;</td>
</tr>
<tr>
<td>3</td>
<td>&quot;PLAYLIST&quot;</td>
<td>&quot;PLAYLIST NUMBER PLEASE&quot;</td>
</tr>
<tr>
<td>4</td>
<td>&quot;&lt;a number between 1 and 10&gt;&quot;</td>
<td>&quot;PLAYLIST &lt;number&gt;&quot;</td>
</tr>
</tbody>
</table>

* Playlists activated by voice control must be assigned special filenames. See General Information (page 159).

TELEPHONE COMMANDS (G1062204)

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.
## Voice control

<table>
<thead>
<tr>
<th>Phone functions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dial number</td>
</tr>
<tr>
<td>Phone numbers can be dialled after giving the name tag voice command.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;PHONE&quot;</td>
<td>&quot;PHONE&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;DIAL NUMBER&quot;</td>
<td>&quot;NUMBER PLEASE&quot;</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>&lt;phone number&gt;</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>&quot;DIAL&quot;</td>
<td>&quot;DIALLING&quot;</td>
</tr>
<tr>
<td></td>
<td>&quot;CORRECTION&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>&quot;&lt;repeat last part of number&gt; CONTINUE?&quot;</td>
</tr>
</tbody>
</table>

* Can be used as a shortcut.
Voice control

Dial name
Phone numbers can be dialled after giving the name tag voice command.

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;PHONE&quot;</td>
<td>&quot;PHONE&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;DIAL NAME&quot;</td>
<td>&quot;NAME PLEASE&quot;</td>
</tr>
<tr>
<td>3</td>
<td>&quot;&lt;name&gt;&quot;</td>
<td>&quot;DIAL &lt;name&gt;&quot; &quot;CONFIRM YES OR NO&quot;</td>
</tr>
<tr>
<td>4</td>
<td>&quot;YES&quot;</td>
<td>&quot;DIALLING&quot;</td>
</tr>
<tr>
<td></td>
<td>&quot;NO&quot;</td>
<td>&quot;COMMAND CANCELLED&quot;</td>
</tr>
</tbody>
</table>

* Can be used as a shortcut.

Redial
This function allows you to redial the last dialled phone number.

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;PHONE&quot;</td>
<td>&quot;PHONE&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;REDIAL&quot;</td>
<td>&quot;REDIAL&quot; &quot;CONFIRM YES OR NO&quot;</td>
</tr>
<tr>
<td>3</td>
<td>&quot;YES&quot;</td>
<td>&quot;DIALLING&quot;</td>
</tr>
<tr>
<td></td>
<td>&quot;NO&quot;</td>
<td>&quot;COMMAND CANCELLED&quot;</td>
</tr>
</tbody>
</table>

* 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.

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;PHONE&quot;</td>
<td>&quot;PHONE&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;MOBILE NAME&quot;</td>
<td>&quot;MOBILE NAME&quot; &quot;&lt;phone dependent dialogue&gt;&quot;</td>
</tr>
</tbody>
</table>

* Can be used as a shortcut.
**Voice control**

**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. Operate the VOICE button and wait for the system prompt. Can only be used with vehicles installed with a dedicated VOICE button.

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>&quot;NUMBER PLEASE&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;&lt;numbers 1 to 9, zero, hash, star&gt;&quot;</td>
<td></td>
</tr>
</tbody>
</table>

Create a phonebook

**Store name**
New entries 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.

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;PHONE&quot;</td>
<td>&quot;PHONE&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;STORE NAME&quot;</td>
<td>&quot;STORE NAME&quot; &quot;NAME PLEASE&quot;</td>
</tr>
<tr>
<td>3</td>
<td>&quot;&lt;name&gt;&quot;</td>
<td>&quot;REPEAT NAME PLEASE&quot;</td>
</tr>
<tr>
<td>4</td>
<td>&quot;&lt;name&gt;&quot;</td>
<td>&quot;STORING NAME&quot; &quot;&lt;name&gt; STORED&quot; &quot;NUMBER PLEASE&quot;</td>
</tr>
<tr>
<td>5</td>
<td>&quot;&lt;phone number&gt;&quot;</td>
<td>&quot;&lt;phone number&gt;&quot;</td>
</tr>
<tr>
<td>6</td>
<td>&quot;STORE&quot;</td>
<td>&quot;STORING NUMBER&quot; &quot;&lt;phone number&gt;&quot; &quot;NUMBER STORED&quot;</td>
</tr>
</tbody>
</table>

**Delete name**
Stored names can also be deleted from the directory.
Voice control

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;PHONE&quot;</td>
<td>&quot;PHONE&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;DELETE NAME&quot;</td>
<td>&quot;NAME PLEASE&quot;</td>
</tr>
<tr>
<td>3</td>
<td>&quot;&lt;name&gt;&quot;</td>
<td>&quot;DELETE &lt;name&gt;&quot; &quot;CONFIRM YES OR NO&quot;</td>
</tr>
<tr>
<td>4</td>
<td>&quot;YES&quot;</td>
<td>&quot;&lt;name&gt; DELETED&quot;</td>
</tr>
<tr>
<td></td>
<td>&quot;NO&quot;</td>
<td>&quot;COMMAND CANCELLED&quot;</td>
</tr>
</tbody>
</table>

**Play directory**

Use this function to let the system tell you all stored entries.

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;PHONE&quot;</td>
<td>&quot;PHONE&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;PLAY DIRECTORY&quot;</td>
<td>&quot;PLAY DIRECTORY&quot;</td>
</tr>
</tbody>
</table>

**Delete directory**

This function allows you to delete all entries in one go.

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;PHONE&quot;</td>
<td>&quot;PHONE&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;DELETE DIRECTORY&quot;</td>
<td>&quot;DELETE DIRECTORY&quot; &quot;CONFIRM YES OR NO&quot;</td>
</tr>
<tr>
<td>3</td>
<td>&quot;YES&quot;</td>
<td>&quot;DIRECTORY DELETED&quot;</td>
</tr>
<tr>
<td></td>
<td>&quot;NO&quot;</td>
<td>&quot;COMMAND CANCELLED&quot;</td>
</tr>
</tbody>
</table>

**Main settings**

**Reject calls**

Calls can be set to be automatically rejected using voice control.

155 (G1062204)
Voice control

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;PHONE&quot;</td>
<td>&quot;PHONE&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;REJECT CALLS&quot;</td>
<td>&quot;REJECT CALLS&quot;</td>
</tr>
<tr>
<td></td>
<td>&quot;ACCEPT CALLS&quot;</td>
<td>&quot;ACCEPT CALLS&quot;</td>
</tr>
</tbody>
</table>

* use this command to turn the reject mode off

**CLIMATE CONTROL COMMANDS** *(G1062206)*

**Climate**

The climate voice commands support the functionality of the fan speed, temperature and mode settings. Not all functions are available on all vehicles.

```
"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.
### Voice control

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;CLIMATE&quot;</td>
<td>&quot;CLIMATE&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;FAN&quot;*</td>
<td>&quot;FAN SPEED PLEASE&quot;</td>
</tr>
<tr>
<td>3</td>
<td>&quot;MINIMUM&quot;</td>
<td>&quot;FAN MINIMUM&quot;</td>
</tr>
<tr>
<td></td>
<td>&quot;&gt;=a number between 1 and 7&lt;&quot;</td>
<td>&quot;FAN &lt;number&gt;&quot;</td>
</tr>
<tr>
<td></td>
<td>&quot;MAXIMUM&quot;</td>
<td>&quot;FAN MAXIMUM&quot;</td>
</tr>
</tbody>
</table>

* Can be used as a shortcut. On vehicles fitted with an English language module the "FAN" shortcut is not available.

### Defrosting/Demisting

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;CLIMATE&quot;</td>
<td>&quot;CLIMATE&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;DEFROSTING ON/DEMISTING ON&quot;</td>
<td>&quot;DEFROSTING ON/DEMISTING ON&quot;</td>
</tr>
<tr>
<td></td>
<td>&quot;DEFROSTING OFF/DEMISTING OFF&quot;</td>
<td>&quot;DEFROSTING OFF/DEMISTING OFF&quot;</td>
</tr>
</tbody>
</table>

* Can be used as a shortcut.

### Temperature

This function allows you to adjust the temperature.

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;CLIMATE&quot;</td>
<td>&quot;CLIMATE&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;TEMPERATURE&quot;*</td>
<td>&quot;TEMPERATURE PLEASE&quot;</td>
</tr>
<tr>
<td>3</td>
<td>&quot;MINIMUM&quot;</td>
<td>&quot;TEMPERATURE MINIMUM&quot;</td>
</tr>
</tbody>
</table>
## Voice control

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>&quot;&lt;a number between 15 and 29 °C with 0.5 increments&gt;&quot; or &quot;&lt;a number between 59 and 84 °F&gt;&quot;</td>
<td>&quot;TEMPERATURE &lt;number&gt;&quot;</td>
</tr>
<tr>
<td></td>
<td>&quot;MAXIMUM&quot;</td>
<td>&quot;TEMPERATURE MAXIMUM&quot;</td>
</tr>
</tbody>
</table>

* Can be used as a shortcut.

### Auto mode

<table>
<thead>
<tr>
<th>Steps</th>
<th>User says</th>
<th>System answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;CLIMATE&quot;</td>
<td>&quot;CLIMATE&quot;</td>
</tr>
<tr>
<td>2</td>
<td>&quot;AUTO MODE&quot;</td>
<td>&quot;AUTO MODE&quot;</td>
</tr>
</tbody>
</table>

* 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.

We recommend that you put MP3 files in a folder.

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:

- 1000 items per folder (files, folders and playlists)
- 5000 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 144).

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 144).

CONNECTING AN EXTERNAL DEVICE (G1062192)

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 Socket (page 71). See USB Port (page 71).

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 (G1225411)

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 140).

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 (G1084339)

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

Operation

Select the USB device as the audio source by repeatedly pressing the AUX button until the USB screen 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 seek up and down keys to skip backwards and forwards through tracks.
Press and hold the seek keys to enable fast rewind/fast forward through track content.
Use the function buttons to enable shuffle, repeat and scan with respect to the whole device, folders and playlists.
Press the INFO button or function button 4 to display the following:
• title
• artist
• album
• folder name
• file name.

USING AN IPOD (G1084340)

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 media file

Operation

Connect the iPod. See Connecting an external device (page 160).
Select the iPod as the audio source by repeatedly pressing the AUX button until the iPod screen 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.
Connectivity

**Audio control**

Press the seek up and down keys to skip backwards and forwards through tracks.

Press and hold the seek keys to enable fast rewind/fast forward through track content.

Use the function buttons to enable shuffle and repeat with respect to playlists.

Press function button 3 to scan the whole device or a playlist if it is in operation.

Press the **INFO** button or function button 4 to display the following:

- title
- artist
- album.
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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ELECTROMAGNETIC COMPATIBILITY

WARNINGS
Your vehicle has been tested and certified to legislations relating to electromagnetic compatibility (72/245/EEC, UN ECE Regulation 10 or other applicable local requirements). It is your responsibility to ensure that any equipment you have fitted complies with applicable local legislations. Have any equipment fitted by properly trained technicians.

The RF (radio frequency) transmitter equipment (e.g. cellular telephones, amateur radio transmitters etc.) may only be fitted to your vehicle if they comply with the parameters shown in the table below. There are no special provisions or conditions for installations or use.

Do not mount any transceiver, microphones, speakers, or any other item in the deployment path of the airbag system.

Do not fasten antenna cables to original vehicle wiring, fuel pipes and brake pipes.

Keep antenna and power cables at least 10 centimetres (4 inches) from any electronic modules and airbags.
### Antenna Positions

<table>
<thead>
<tr>
<th>Frequency Band MHz</th>
<th>Maximum output power Watt (Peak RMS)</th>
<th>Antenna Positions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 – 30</td>
<td>50 W</td>
<td>3, 4</td>
</tr>
<tr>
<td>30 – 54</td>
<td>50 W</td>
<td>1, 2, 3</td>
</tr>
<tr>
<td>68 – 87.5</td>
<td>50 W</td>
<td>1, 2, 3</td>
</tr>
<tr>
<td>142 – 176</td>
<td>50 W</td>
<td>1, 2, 3</td>
</tr>
<tr>
<td>380 – 512</td>
<td>50 W</td>
<td>1, 2, 3</td>
</tr>
<tr>
<td>806 – 940</td>
<td>10 W</td>
<td>1, 2, 3</td>
</tr>
<tr>
<td>1200 – 1400</td>
<td>10 W</td>
<td>1, 2, 3</td>
</tr>
<tr>
<td>1710 – 1885</td>
<td>10 W</td>
<td>1, 2, 3</td>
</tr>
<tr>
<td>1885 – 2025</td>
<td>10 W</td>
<td>1, 2, 3</td>
</tr>
</tbody>
</table>

**Note:** After the installation of RF transmitters, check for disturbances from and to all electrical equipment in the vehicle, both in the standby and transmit modes.

Check all electrical equipment:
- with the ignition **ON**
- with the engine running
- during a road test at various speeds.

Check that electromagnetic fields generated inside the vehicle cabin by the transmitter installed do not exceed applicable human exposure requirements.
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