

Filling station guide

07/2004 en RHD

Opening the bonnet. Swivel the Ford badge in the radiator grille upwards. To unlock the bonnet, insert the key into the lock and turn first anticlockwise. Raise the bonnet slightly and turn the key fully clockwise. Remove the key immediately after opening and swivel the Ford badge back.

Opening the fuel filler flap. To unlock turn the key clockwise. Open the flap fully until it engages. Press the fuel filler cap and, while pressed in, turn it anticlockwise.

For quick reference when refuelling, you can record below vehicle data applicable to your own vehicle. The appropriate details can be obtained from the chapter *Capacities and specifications*.

Fuel

Fuel tank capacity:

Petrol engine: 55 litres

Diesel engine: 52.7 litres

**Unleaded fuel
(minimum
95 octane)**

**Unleaded fuel
(minimum
91 octane)**

Diesel fuel

Use only fuel that meets EN590 specifications. Do not use RME (bio diesel).

Engine oil

When adding oil never top up above the MAX mark.

Viscosity grade

Tyre pressures

When tyres are cold – in bar (lbf/in²)

**Normal loading with
up to 3 persons**

Front

Rear

Tyre size

**Full loading with more
than 3 persons**

Front

Rear

Owner's Guide Ford**Focus**



The illustrations, technical information, data and descriptions contained in this publication, were correct at the time of going to print. We reserve the right to make any changes necessary in line with continuous development and improvement.

This publication may not be duplicated, reprinted, stored in a data processing system or transmitted by electronic, mechanical, photographic or other means, or recorded, translated, edited, abridged or expanded without the prior written consent of Ford Motor Company Limited. The same also applies for parts of this manual and their use in other publications.

Although due care has been taken to make this publication as complete and accurate as possible, it can still be subject to alterations.

This publication describes options and trim levels available throughout the Ford model range in every European country, and therefore some of the items covered may not apply to your vehicle.

Important: Ford genuine parts and accessories have been specifically designed for Ford vehicles. They are dedicated for your Ford vehicle.

We would like to point out that other parts and accessories than mentioned above have not been examined and approved by Ford unless explicitly stated by Ford. In spite of continuous market product monitoring, we cannot certify the suitability of such products. Ford is not liable for any damage caused by the use of such products.

© Copyright 2004

Issued by Ford-Werke Aktiengesellschaft, Ford Customer Service Organisation

Code No CG3321en RHD 07/2004

Printed by Wyndeham Gait Ltd., Grimsby, North East Lincolnshire, a member of the Wyndeham Press Group PLC, England.

Contents

Before driving

Introduction	2
--------------	---

Instrumentation	4
-----------------	---

Controls and features	15
-----------------------	----

Seating and safety restraints	75
-------------------------------	----

Starting and driving

Starting	95
----------	----

Driving	98
---------	----

Roadside emergencies	114
----------------------	-----

Servicing

Maintenance and care	145
----------------------	-----

Capacities and specifications	158
-------------------------------	-----

Index	179
-------	-----

Introduction

PREFACE

Congratulations on acquiring your new Ford. Please take the time to get well acquainted with your vehicle by reading your owner literature. The more you know and understand about your vehicle the greater the safety, economy, and pleasure you will derive from driving it.

The Owner's Guide describes every option and model variant available in every European country and therefore some of the items covered may not apply to your particular vehicle. Furthermore, due to printing cycles it may describe options before they are generally available.

Regular servicing of your vehicle helps maintain both its road-worthiness and its resale value. A network of more than 7,000 Ford Dealers throughout Europe can help you with their professional servicing expertise.

Their specially trained personnel are best qualified to service your vehicle properly and expertly. Also, they are supported by a wide range of highly specialised tools and equipment specially developed for servicing Ford vehicles.



Remember to pass on the Owner's Guide when reselling the vehicle. It is an integral part of the vehicle.

FOR YOUR SAFETY AND ENVIRONMENT PROTECTION



Warning symbols in this guide

How can you reduce the risk of personal injury and prevent possible damage to others, your vehicle and its equipment? In this guide, answers to such questions are contained in comments highlighted by the warning triangle symbol.

Note:

Important information is also given in paragraphs starting with the highlighted word **Note**.



Warning symbols on your vehicle



When you see this symbol, it is imperative that you consult the relevant section of this guide before touching or attempting adjustment of any kind.

RUNNING IN

Avoid driving too briskly during the first 1,000 miles (1,500 km). Vary the speed frequently and avoid labouring the engine. This is necessary to give the moving parts a chance to bed in.

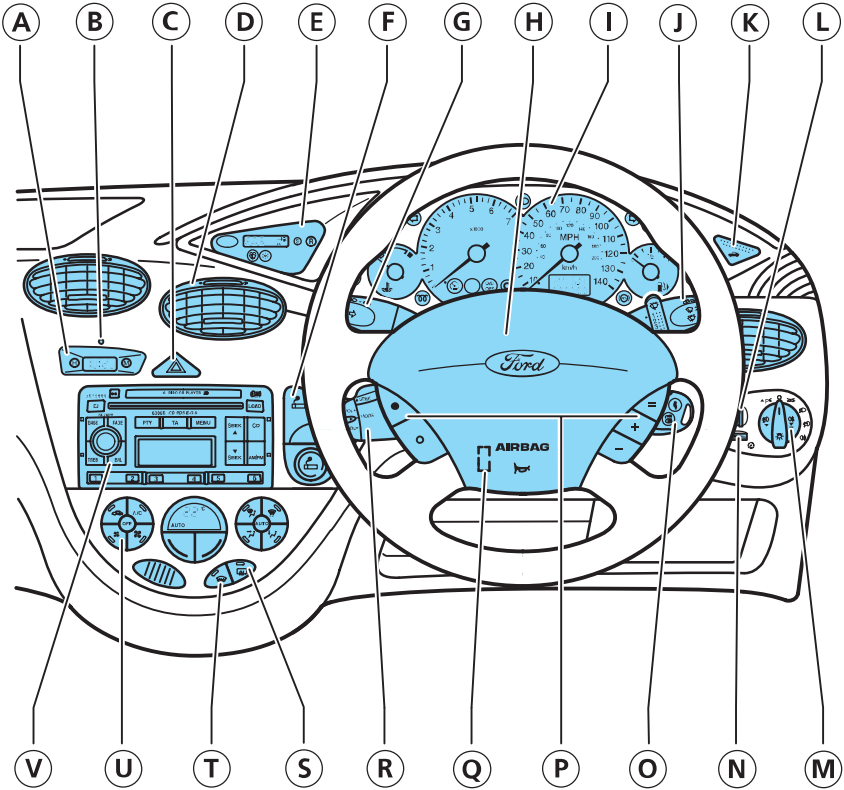
New tyres require a running-in distance of approximately 300 miles (500 km). During this period, the car may exhibit different driving characteristics. Therefore, avoid driving too briskly during the first 300 miles (500 km).

If possible, you should avoid heavy use of the brakes for the first 100 miles (150 km) in town and for the first 1,000 miles (1,500 km) on motorways.

From 1,000 miles (1,500 km) onwards you can gradually increase the performance of your vehicle up to the permitted maximum speeds.

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

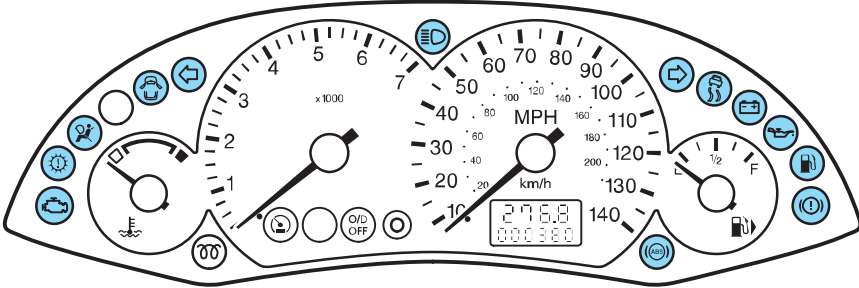
Instrumentation



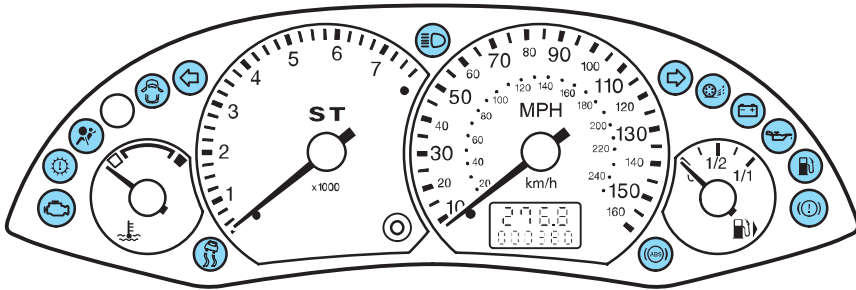
Instrumentation

Position	Description	See page
Ⓐ	Digital clock	19
Ⓑ	Engine immobilisation system indicator light	70
Ⓒ	Hazard flasher	19
Ⓓ	Ventilation vents	23
Ⓔ	Trip computer/ ST 170 auxiliary instrument cluster	20-22/ 13-14
Ⓕ	Ashtray/cigar lighter	18
Ⓖ	Direction indicators/main beam	32
Ⓗ	Horn	32
Ⓘ	Instrument cluster	6
Ⓙ	Wiper lever	33-34
Ⓚ	Luggage compartment release	16
Ⓛ	Headlight levelling control	16
Ⓜ	Exterior light, front fog lights, rear fog lights	15-16
Ⓝ	Instrument lighting dimmer	16
Ⓞ	Ignition switch	31
Ⓟ	Automatic speed control	36
Ⓠ	Steering wheel adjustment	31
Ⓡ	Audio remote control	35
Ⓢ	Heated rear screen	20
Ⓣ	Heated front screen	19
Ⓤ	Heating/ventilation/air conditioning	23
Ⓥ	Audio equipment: see the separate manual	-

Instrumentation



Standard instrument cluster



ST170

INSTRUMENT CLUSTER

The individual instruments, warning and indicator lights are described on the following pages.

Instrumentation

Engine warning light (depending on country and engine)



Illuminates when the ignition is switched on. It should extinguish as soon as the engine starts.

If it illuminates with the engine running, it indicates a malfunction. Have this checked by an expert as soon as possible.

If it **flashes** when driving, **reduce the vehicle speed immediately**. If it continues to flash, avoid heavy acceleration and high engine speeds, and have your vehicle checked by an expert immediately.

Multi-function warning light: Automatic transmission/ cooling system



When the ignition is switched on (position **II**), the light illuminates briefly to confirm that the system is operational.

If it illuminates when driving, it indicates a malfunction. Have this checked by an expert.

For further details, refer to the section *Automatic transmission* and *Fail safe cooling system*.

Air bag/seat belt pretensioner warning light



When the ignition is switched on (position **II**), the light illuminates briefly to confirm that the system is operational.

If it illuminates when driving, it indicates a malfunction. Have this checked by an expert as soon as possible.

For further details, refer to the section *Air bag*.

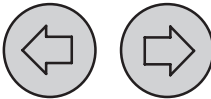
Instrumentation

Doors open warning light



Illuminates if any door or the luggage compartment is not closed properly.

Direction indicator light



A sudden increase in the rate of flashing warns of a failed indicator bulb.

Main beam indicator light



Illuminates when the headlights are on main beam or when the headlight flasher is used.

Traction Control System (TCS)/ Electronic Stability Program (ESP) indicator light



BTCS/TCS indicator light



ESP indicator light

The symbol in the indicator light depends on the system equipped.

When the ignition is switched on (position **II**), the light illuminates briefly to confirm that the system is operational.

While driving, the indicator light flashes during activation of the system (excluding BTCS).

After switching on the ignition, if the light does not illuminate or illuminates continuously while driving, it indicates a malfunction. During a malfunction, the system switches off. Have the system checked by an expert.

Instrumentation

Note: If the system is switched off manually by pressing the Traction Control System (TCS)/Electronic Stability Program (ESP) switch, the indicator light illuminates and remains on until the system is either switched back on or the ignition is switched off.

Note: The Brake Traction Control System (BTCS) cannot be switched off.

For further details, refer to the sections *Traction Control System (TCS)/Electronic Stability Program (ESP)* and *Traction Control System (TCS)/Electronic Stability Program (ESP) switch*.

Ignition warning light



Illuminates when the ignition is switched on. It should extinguish as soon as the engine starts.

If it does not, or if it illuminates whilst driving, switch off all unnecessary electrical equipment and drive immediately to the nearest expert.

Oil pressure warning light



Illuminates when the ignition is switched on. It should extinguish as soon as the engine starts.

If the light stays on after starting or illuminates during a journey, stop immediately, switch off the engine and check the engine oil level.

Top up straight away if the level is low.



Do not resume the journey if the oil level is correct, but have the engine checked by an expert.

Low fuel level warning light (vehicles without a trip computer)



When the warning light illuminates, refuel as soon as possible.

Instrumentation

Brake system warning light



When the ignition is switched on (position **II**), the light illuminates briefly to confirm that the system is operational.

The light remains illuminated when the handbrake is engaged.



If it illuminates after releasing the hand brake or when driving, have the braking system checked by an expert immediately.



You will need to press the brake pedal harder and make allowance for increased stopping distances.

ABS warning light



When the ignition is switched on (position **II**), the light illuminates briefly to confirm that the system is operational.

If it illuminates when driving, it indicates a malfunction. Have this checked by an expert.

Normal braking (without ABS) will be maintained.

Important notes on the use of the ABS system are to be found in the section *Brakes*.

Instrumentation

Brake system and ABS warning lights



If **both** warning lights illuminate at the same time, **stop the vehicle** as soon as it is safe to do so. Have the braking system checked by an expert before continuing your journey.



Reduce vehicle speed gradually. Use the brake with great care. Do not step on the brake pedal abruptly.

Glow plug indicator light (vehicles with a diesel engine)



Illuminates when the ignition is switched on. Do not start the engine until the light extinguishes.

If the light flashes when driving, it indicates a malfunction. Have this checked by an expert as soon as possible.

For further details, refer to the chapter *Starting*.

Automatic speed control indicator light



Illuminates when the speed control system is activated.

For operation details, refer to the section *Automatic speed control*.

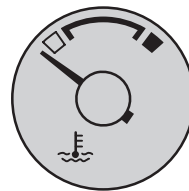
Overdrive indicator light (automatic transmission)



Operates in conjunction with selector lever position **D**, and illuminates when the overdrive is switched off.

For further details, refer to the section *Automatic transmission*.

Engine coolant temperature gauge



At normal operating temperature, the needle remains within the centre section.

Instrumentation

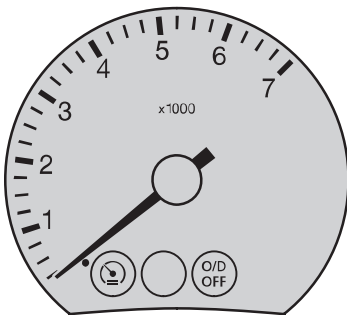
If the needle enters the red section, a fail safe cooling system is activated which allows the vehicle to be driven temporarily in spite of depleted engine coolant supply.



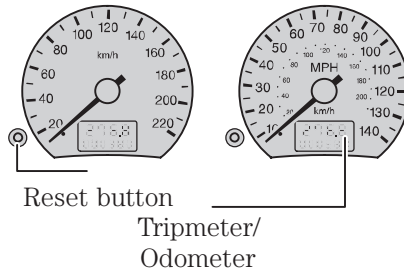
Additionally the multi-function warning light: automatic transmission/cooling system will illuminate.

For further details, refer to the section *Fail safe cooling system*.

Tachometer



Speedometer



Indicates the current road speed in mp/h and/or km/h.

Odometer

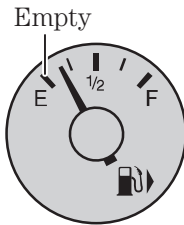
Registers the total mileage of the vehicle.

Tripmeter

The tripmeter can register the mileage of individual journeys. To reset depress the button.

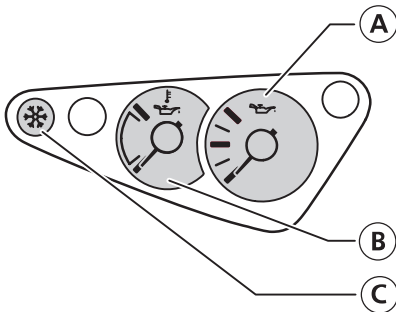
Instrumentation

Fuel gauge



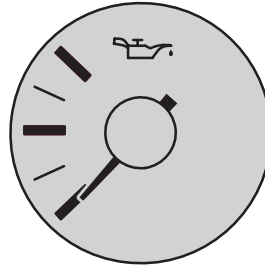
The arrow adjacent to the fuel pump symbol indicates on which side of the vehicle the fuel filler cap is located.

ST170 AUXILIARY INSTRUMENT CLUSTER



- (A) Oil pressure gauge
- (B) Oil temperature gauge
- (C) Frost warning light
(see page 14)

Oil pressure gauge



This gauge indicates engine oil pressure up to a recommended safe maximum of 5 bar. During normal driving the indicated oil pressure will vary with engine speed, the pressure rising as engine speed rises and dropping as engine speed drops.

Driving with your oil pressure gauge pointer continuously at the top of the scale may damage the engine.

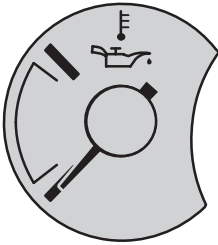


If the engine oil pressure drops below the normal range, the oil pressure gauge pointer will drop to the bottom of the gauge scale and the engine oil pressure warning light will illuminate. Stop the vehicle as soon as safely possible and switch off the engine immediately. Check the oil level and add oil if needed.

For further details, refer to *Engine oil dipstick*

Instrumentation

Oil temperature gauge

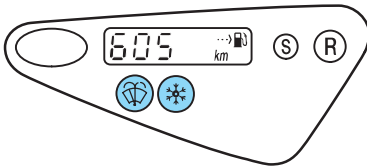


Indicates the temperature of the the engine oil.

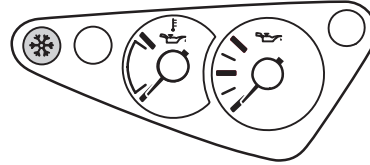
At normal operating temperature, the needle remains within the normal area. If it enters the red section, the engine is overheating. Stop the vehicle as soon as safely possible, switch off the engine immediately and let the engine cool.

This gauge indicates the temperature of the engine oil, not the oil level.

ADDITIONAL WARNING LIGHTS



Trip computer



ST170 auxiliary instrument cluster

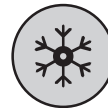
When the ignition is switched on (position **II**), these lights illuminate briefly.

Low washer fluid



Indicates that the washer fluid level is low. Top up as soon as possible.

Frost warning light



For ambient temperatures below +5 °C, the orange sign warns of possible ice on the roads.

In the ST170, at temperatures below +1 °C the warning light glows red.



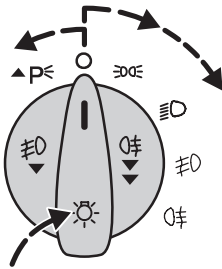
Even if the temperature rises to above +4 °C there is no guarantee that the road is free of hazards caused by inclement weather.

Controls and features

INSTRUMENT PANEL CONTROLS

Exterior lights switch

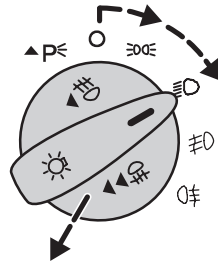
If the exterior lights are switched on and the ignition is off the interior lights will illuminate. Additionally, an audible signal will be heard if the driver's door is opened.



- **Lights off**
- ⊖ **Side and tail lights**
- ⊕ **Headlights**
- ▲ **Parking lights**

Push in and turn anticlockwise.

Front fog lights



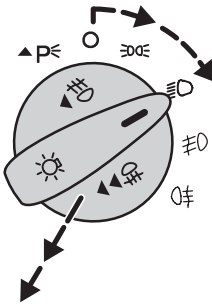
Switch on the exterior lights and pull out the control switch one position.



The indicator light will illuminate when the front fog lights are in use. The **front fog lights** should be used only when visibility is considerably restricted by fog, snow or rain.

Controls and features

Front and rear fog lights



Switch on the exterior lights and pull out the control two positions.

On vehicles not equipped with front fog lights the control switch can be pulled out only one position.

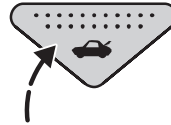


Both indicator lights will illuminate when the front and rear fog lights are switched on.



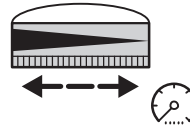
The **rear fog lights** may only be used when visibility is restricted to less than 50 m and must **not** be used when it is raining or snowing.

Remote luggage compartment release

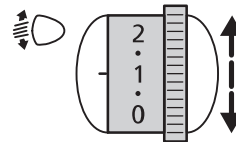


To open the luggage compartment, press the control button.

Instrument lighting dimmer

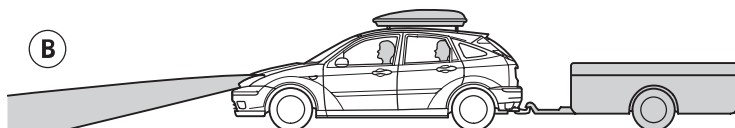


Headlight levelling control



The level of the headlight beams can be adjusted according to the vehicle load.

Controls and features



Ⓐ Without headlight levelling system

Ⓑ With headlight levelling system

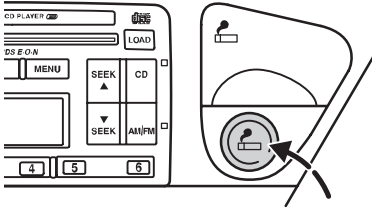
Recommended headlight levelling control positions					
Load			Control positions		
Persons		Load in luggage compartment ¹	3-/5-door	4-door	Estate
Front seats	Rear seats				
1	–	–	0	0	0
2	–	–	0	0	0
2	3	–	1.0	1.0	1.0
2	3	max. ¹	1.5	1.5	1.5
1	–	max. ¹	2.5	2.5	2.5

¹ Vehicle weights can be found in the chapter *Capacities and specifications*.

Higher switch positions (+1) may be necessary when towing a trailer.

Controls and features

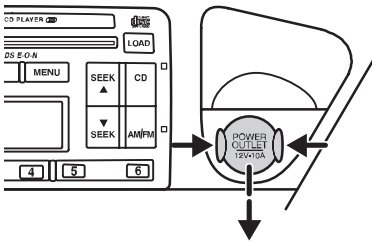
Cigar lighter



Never hold the lighter in, as this will result in damage. Always remove the lighter as a precaution when children are left alone in the vehicle.

To use the lighter press it in and wait until it pops out automatically. The lighter will also operate when the ignition is switched off.

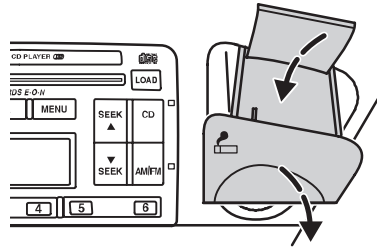
Power point



The lighter socket and power point can be used to power 12 volt appliances having a maximum current rating of 10 amperes. However, if the engine is not running, this will cause the battery to discharge. On vehicles without a cigar lighter press in both sides of the cover on the socket and remove it.

When connecting appliances, use only specified connectors from the Ford Accessory range.

Front ashtray



Pull to open.

To empty, push down the cover and remove the ashtray.

Controls and features

Hazard flasher switch



Press the switch to turn on or off. The hazard lights can be operated when the ignition is off.

Digital clock



Switch on the ignition first.

To set the time, use the **H** (hour) and **M** (minute) buttons. Each press increments the number by one. For rapid setting, hold the appropriate button until the required number is reached.

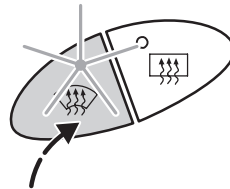
To toggle between 12 or 24 hour format, depress both buttons simultaneously and then release them.

Heated front and rear screen

Use for quick defrosting or demisting of the front or rear screen. It should be switched on only if necessary.

Heated front screen switch

Vehicles with manual air conditioning



Vehicles with Electronic Automatic Temperature Control



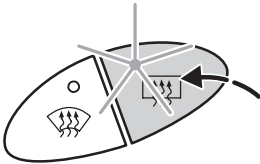
The system operates only when the engine is running. Press the switch to turn on or off.

The heating system switches off automatically after a short period of time.

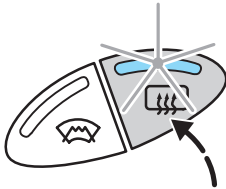
Controls and features

Heated rear screen switch

Vehicles with manual air conditioning



Vehicles with Electronic Automatic Temperature Control

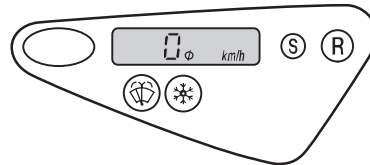


Switch on the ignition first.

Electrically operated door mirrors also have a heating element to clear the glass. This system operates when the heated rear screen is switched on.

The heating system switches off automatically after a short period of time.

TRIP COMPUTER

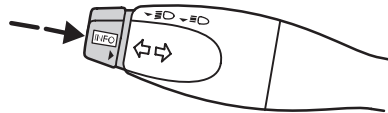


The following functions are available when the ignition is on:


- Outside temperature
- Average speed
- Instantaneous fuel consumption
- Average fuel consumption
- Remaining fuel range

Controls

Info-button

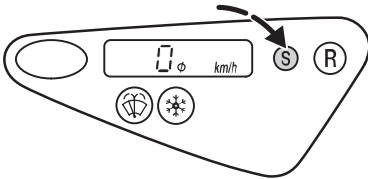


Press to change between functions.

 For road safety reasons, set and reset the functions only when the vehicle is stationary.

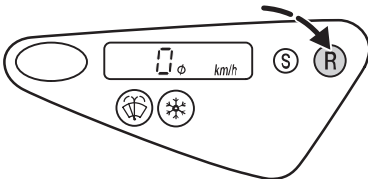
Controls and features

Select button



Press to toggle between metric and imperial units.

Reset button



Press to reset the function (if resettable).

Outside temperature



Shows the outside air temperature. A short audible warning will sound in the following conditions:
+4 °C or lower: frost warning
0 °C or lower: danger of icy roads.



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

Average speed



Indicates the average speed calculated over the last 600 miles (1,000 km) or since last reset. Press the reset button to set to zero.

Controls and features

Instantaneous fuel consumption



Indicates the current fuel consumption. Frequent sampling enables the computer to react instantaneously to changes in driving conditions but may cause large display value fluctuations in some circumstances.

Average fuel consumption



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

Press the reset button at any time to reset the average fuel consumption.

Remaining fuel range



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.

A short audible warning will sound at the following ranges: 50 miles (80 km), 25 miles (40 km), 12 miles (20 km), 0 miles (0 km)

Controls and features

HEATING, VENTILATION AND AIR CONDITIONING

Outside air

Always keep the air intakes forward of the front screen free of snow, leaves etc., to allow the system to function effectively.

Recirculated air

When recirculated air is selected, only the air currently in the passenger compartment will be circulated. Outside air will not enter the vehicle.

Note: It is not recommended to use recirculated air for more than 30 minutes as there is no air exchange and the windows may mist up.

Fresh air filter/active carbon filter

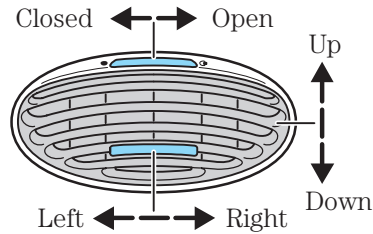
The fresh air filter removes most potentially harmful particles such as pollen, industrial fallout and road dust from entering the vehicle's interior. The active carbon filter removes odours.

In an automatic car wash, you should switch off the ventilation blower to prevent the filter collecting wax deposits.

Blower

The blower motor may emit noises.

Ventilation vents



Heating

The heating depends upon the coolant temperature and is therefore only effective when the engine is warm.

Air conditioning

The air is directed through the coolant heat exchanger where it is cooled if the air conditioning is switched on. In addition, 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. It is therefore quite normal if you notice a small pool of water underneath the parked vehicle.

Note: The air conditioning system only operates when the temperature is above +4 °C, the engine is running and the blower is switched on. Operating the air conditioning leads to higher fuel consumption.

Controls and features

General notes on controlling the climate in the vehicle's interior

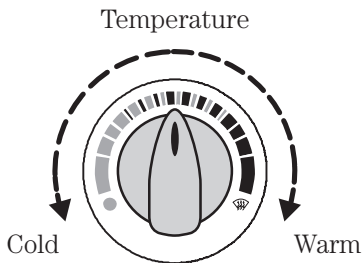
Close all the windows completely.

To warm the interior effectively, direct the heated air to the footwell area. In cold or humid weather, direct some of the air towards the front screen and side windows.

To cool the interior effectively, direct the cooled air towards the face level.

CONTROLS

Adjusting the temperature

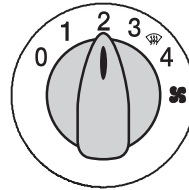


Adjust as necessary.

Note: The heating effect depends upon the coolant temperature and is therefore only effective when the engine is warm.

Blower

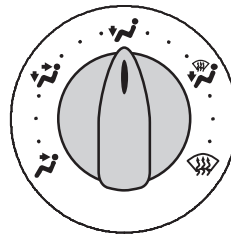
The blower is off in the **0** position.








To increase the blower speed, select a higher number.

With the blower turned off, the front screen may mist up.

Air distribution control



Directs the air flow as follows:

-  **Face level**
-  **Face level/footwell**
-  **Footwell**
-  **Footwell/front screen**
-  **Front screen**

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

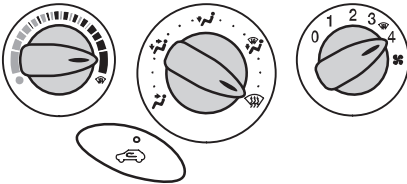
Controls and features

Recirculated air



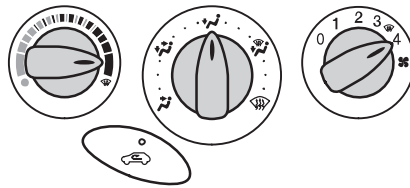
Press the button to toggle between outside air and recirculated interior air.

Front screen defrosting/ demisting

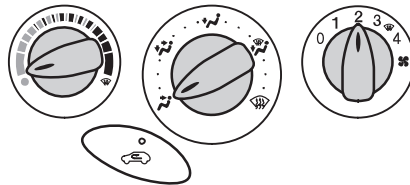




The recirculation function is switched off automatically. If necessary turn the heated rear and front screens on.

Rapid heating of vehicle interior



Ventilation

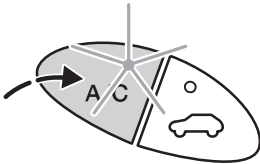


Set the air distribution control to the position  or the position . Set the blower to any position. Open the centre and side vents to suit individual requirements.

Controls and features

MANUAL AIR CONDITIONING

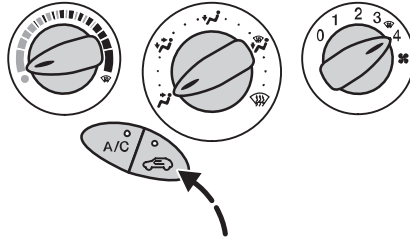
Switching the air conditioning on and off



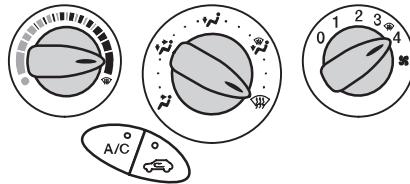
To switch the cooling effect on and off, press the **A/C** switch. The light in the switch indicates operation.

If the blower is turned to position **0**, the air conditioning will turn off. When the blower is turned on again, the air conditioning will reactivate automatically.

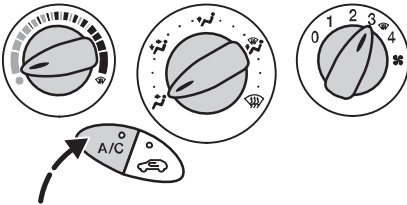
Rapid cooling of the vehicle interior




Front screen defrosting/demisting



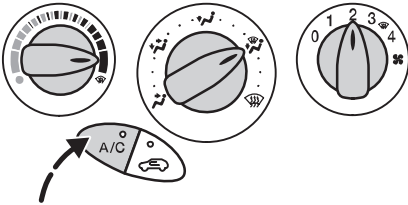
Cooling with outside air



Outside air will flow into the vehicle. As long as the air distribution control is set to , recirculated air cannot be selected and the air conditioning will be turned on automatically. In this particular case, the A/C light in the switch will **not** illuminate. Make sure the blower is on.

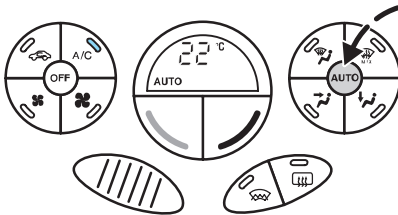
Controls and features

Reducing air humidity in position



The air conditioning extracts humidity from the air and the windows are demisted faster.

ELECTRONIC AUTOMATIC TEMPERATURE CONTROL



The temperature, amount and distribution of the air flow are controlled automatically and adjusted according to the driving and weather conditions. Pressing the **AUTO** button once switches on the AUTO mode.

The recommended system settings for all seasons are 22 °C and AUTO mode (the air conditioning is switched on).

The individual settings can be adjusted as necessary.

Avoid adjusting the settings when the vehicle interior is extremely hot or cold. The Electronic Automatic Temperature Control adjusts to the current circumstances automatically.

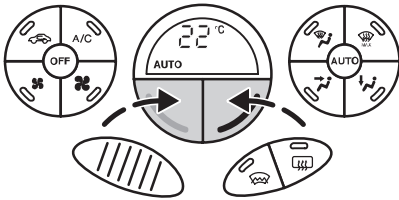
For the system to function properly, the side and centre vents should be fully open.

The sensor which measures the interior temperature is located below the temperature and blower controls and should not be covered by any objects.

At low outside temperatures, when the system is in AUTO mode, the air stream will be directed to the front screen and the side windows as long as the engine is cold.

Controls and features

Adjusting the temperature



Blue button: lower temperature.

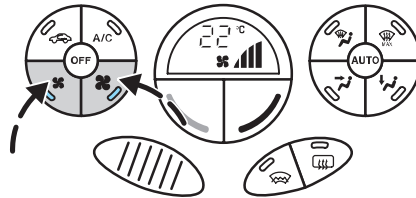
Red button: higher temperature.

The recommended standard setting is 22 °C.

The individual temperature can be set between 16 °C and 28 °C using the buttons. In position **LO** (below 16 °C) the system will switch to permanent cooling, in **HI** (above 28 °C) to permanent heating, and not regulate a stable temperature.

Manual operation of the Electronic Automatic Temperature Control

Blower



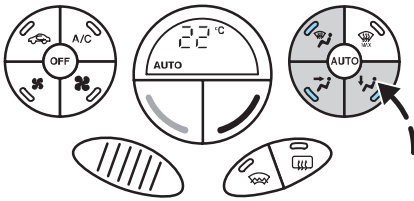
Press the * button to reduce blower speed.

Press the ** button to increase blower speed.

The blower setting is indicated in the display.

Controls and features

Air distribution



To adjust air distribution, press the desired button. The light in the button indicates operation. Any combination of settings , and can be selected simultaneously.

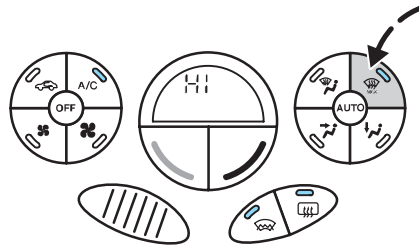
Face level

Footwell

Front screen

When is selected, , and switch off automatically and the air conditioning switches on. Outside air will flow into the vehicle. Recirculated air cannot be selected.

Front screen defrosting/ demisting



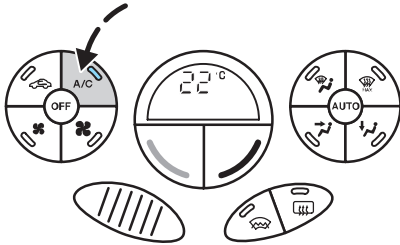
Set the air distribution control to . Outside air will flow into the vehicle. Air conditioning is automatically selected. As long as the air distribution is set to , recirculated air cannot be selected. The blower speed and the temperature control operate automatically and cannot be adjusted manually. The blower is set to maximum and the temperature to **HI**.

When is selected, the heated front and rear screens switch on automatically.

To return to AUTO mode, press **AUTO** or the button(s) with illuminated indicator lights.

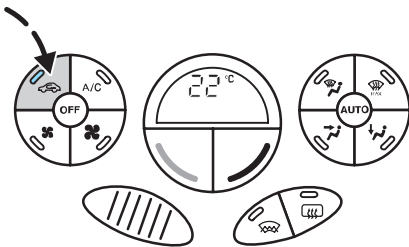
Controls and features

Switching the air conditioning on and off



Press the **A/C** button to switch the air conditioning on/off.

Recirculated air



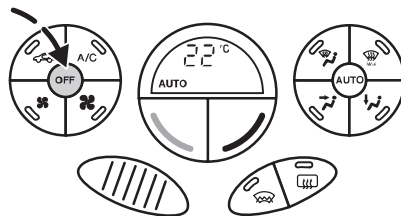
Press the recirculated air control to toggle between outside air and recirculated air.

Automatic recirculated air control

When the system is in AUTO mode and the interior and exterior temperatures are quite hot, the climate control system automatically selects the recirculated air position to maximise cooling of the interior.

Once the selected temperature is reached, the system will automatically change to the outside air position. The indicator light in the button does not illuminate during the automatic operation.

To switch off the Electronic Automatic Temperature Control



Press **OFF** to switch off the Electronic Automatic Temperature Control.

If the recirculated air button is also pressed, no outside air will enter the vehicle.

Press any button (apart from the recirculated air, heated front and rear screen buttons) to switch the Electronic Automatic Temperature Control back on.

Controls and features

STEERING COLUMN CONTROLS

Steering column lock/ignition switch

0 Ignition off

When the key is removed from the ignition switch the steering column lock will be activated and prevent the steering wheel from being turned.

On vehicles with automatic transmission, the ignition key can be returned to position **0** only if the selector lever is in the park position **P**.


I Steering unlocked. Ignition and all main electrical circuits are disabled.

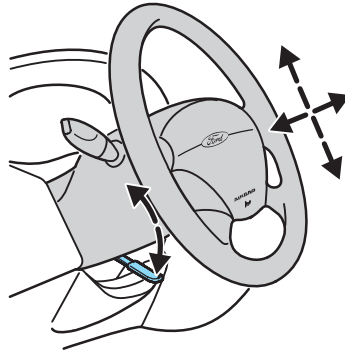
The ignition should not be left in this position for too long to avoid discharging the battery.

II Ignition switched on, all electrical circuits operational. Warning and control lights illuminate. This is the key position when driving and must also be selected when being towed.

III Starter motor activated. Release the key as soon as the engine starts.

Adjusting the steering wheel


 Never adjust the steering wheel when the vehicle is moving.



Release the locking lever to adjust the height of the steering wheel and its distance from the driver.

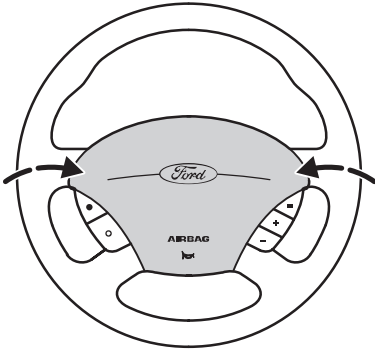
Return the lever to its original position to secure the wheel.

For further details on sitting in the correct position, refer to the section *Seats*.

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

Controls and features

Horn

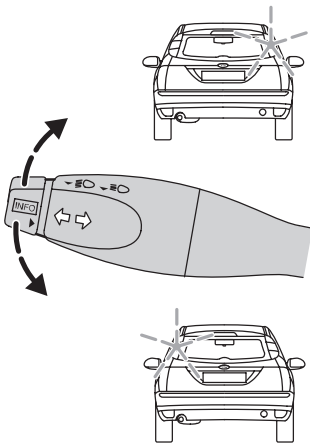


The horn can also be operated when the ignition is off.

Multi-function switch

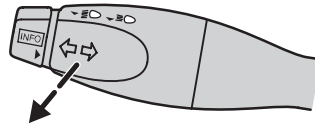
The following functions will operate only with the ignition switched on.

Direction indicator



Briefly tap the lever up or down and the direction indicator will flash three times.

Main/dipped beam

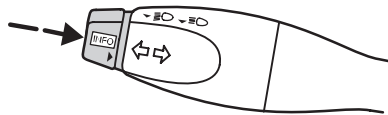


When the headlights are switched on, pull the lever towards the steering wheel to toggle between main and dipped beam.

Headlight flasher

Pull the lever slightly towards the steering wheel.

Info button



For operation details, refer to the section *Trip computer*.

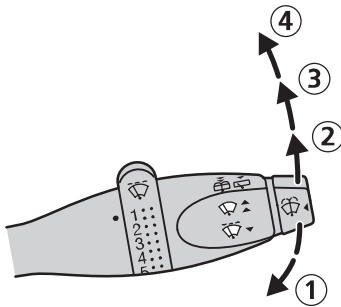
Controls and features

Wiper lever

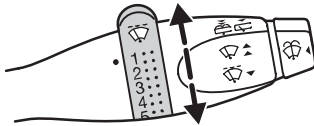
The following functions will operate only with the ignition switched on.

Front screen

• Lever positions:



- ① Single wipe
- ② Intermittent wiping

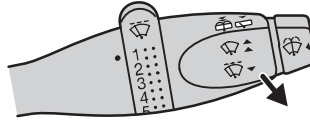


Intermittent wipe interval rotary switch:

- 1** = Short time interval
- 6** = Extended time interval
- ③ Normal wiping
- ④ High speed wiping

Rear screen

• Intermittent wiping



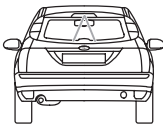
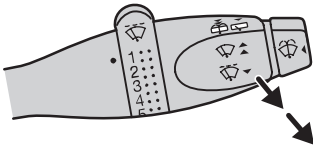
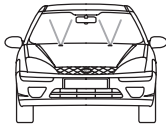
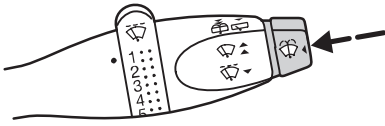
Pull the lever towards the steering wheel.

• Reverse gear wiping

If no normal rear wiper function is selected, but the front wipers are set to intermittent, normal or high speed operation, when reverse gear is selected, the rear wiper will follow the front wiper interval (at intermittent or normal speed).

Controls and features


Washer



Once the wash/wipe cycle is completed, the wipers will pause and then perform one more wipe to clear the screen.

This will also operate the headlight washers when the headlights are switched on (depending on country and equipment fitted).

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

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

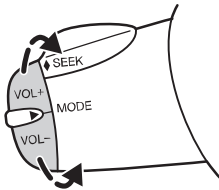
Controls and features

Audio remote control

Select radio, CD or cassette mode on the radio.

The following functions can be operated with the remote control.

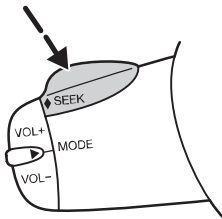
Volume



Volume up: Pull the **VOL +** switch towards the steering wheel.

Volume down: Pull the **VOL -** switch towards the steering wheel.

Seek

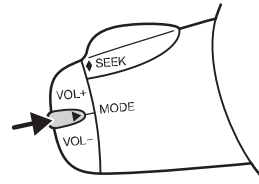


Move the **SEEK** switch towards the steering wheel or the instrument panel:

- In **radio mode**, this will locate the next radio station up or down the frequency band.

- In **CD mode**, it will select the next or previous track.

ModeD



Briefly press the ► button on the side:

- In **radio mode**, this will locate the next pre-set radio station.

- In **CD mode**, this will select the next CD if a CD changer is fitted.

The CD changer is installed under the passenger's seat.

- In **all modes** to abort a traffic message during broadcasting.

Press and hold the ► button on the side:

- In **radio mode**, to change the waveband.

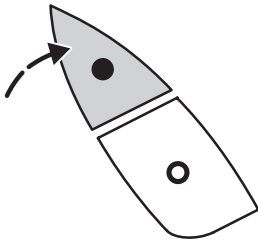
Controls and features

Automatic speed control



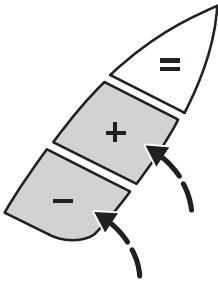
The automatic speed control system should not be used in heavy traffic, on twisty roads or when the road surface is slippery.

To switch on



The system is ready to store a speed.

To store a speed



Press the + or - switch. The automatic speed control will maintain the vehicle at the current speed.

The system will not function until the vehicle is travelling at speeds above 28 mph (45 km/h).



The indicator light in the instrument panel will illuminate.

To change speed

Press the + switch to accelerate.

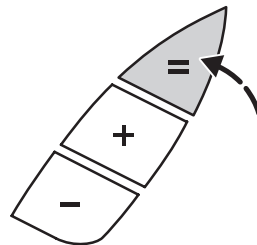
Press the - switch to decelerate.

The vehicle speed will change without the need to depress the accelerator pedal.

The set speed becomes the new stored speed.

The vehicle speed can be changed slightly by momentarily pressing the appropriate button.

To cancel or resume

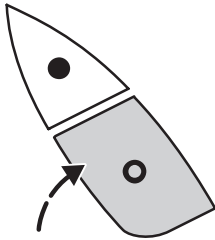


To cancel, depress the brake or clutch pedal, or press the = switch. The indicator light in the cluster will extinguish.

Press the = switch to resume automatic speed control at the last stored speed setting.

Controls and features

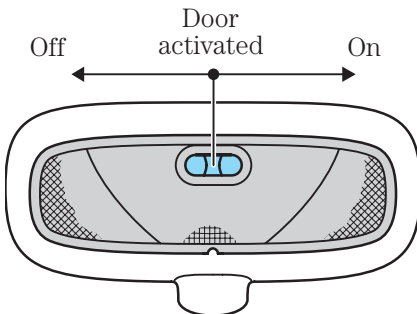
To switch off



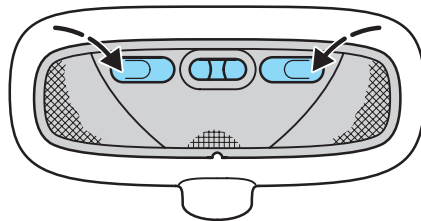
The stored speed will be erased.
The indicator light extinguishes.

OVERHEAD CONTROLS

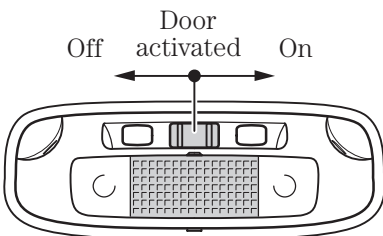
Interior lights



Standard



Standard



ST-170 (Optional)

Reading lights

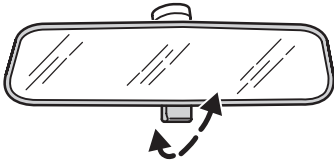
On some models, with the switch in the 'door activated' position, the interior lights will stay on for a while after the doors are shut. They go off immediately after the ignition is turned on.

When parking your vehicle with the doors open for a long period of time, the interior lights are switched off automatically after 30 minutes.

To switch the lights back on switch on the ignition (position II) for a short time.

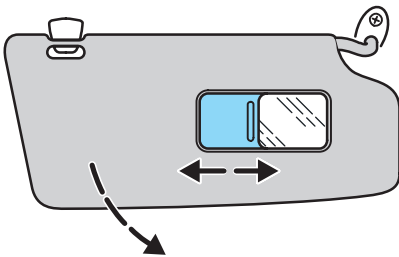
Controls and features

Interior rear view mirror



To reduce glare when driving at night dip the mirror by adjusting the lever.

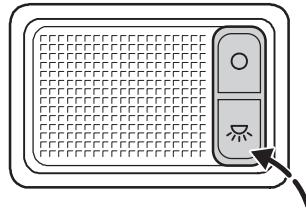
Sun visors



The sun visors can be released from the retention clips and swivelled towards the side window.

The mirror cover can be slid to the left and right.

Vanity mirror lights



☀ On.

○ Off.

Sunroof

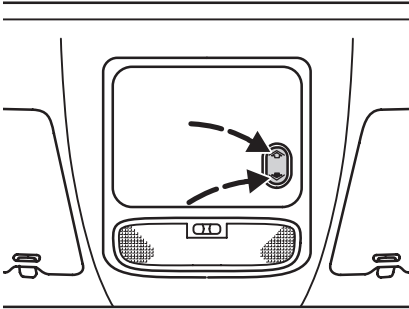
The power sunroof can be operated when the ignition is switched on.

Note: The sunroof can also be operated when the ignition is off via the global opening/global closing function. Refer to the section *Global opening/global closing*.



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

Controls and features



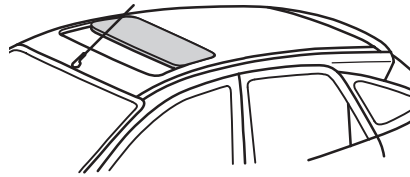
The sunroof is operated by a switch located between the sun visors.


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

There are two ways of opening the sunroof – the rear of the sunroof lifts open or the sunroof opens from the front, sliding back under the roof. In order to change from one opening mode to the other, you have to close the sunroof first. The sunroof opens/closes when the switch is pressed.

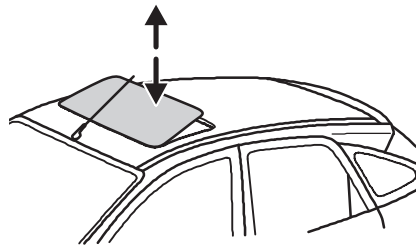
Note: You may hear a buffeting noise at low speeds with the sunroof fully open. To reduce this noise, close the sunroof by approximately 5 cm or lower any of the side windows by a small amount.


To open and close the sunroof



To open the closed sunroof, press . The sunroof slides back under the roof.

To close, press .



To tilt the rear of the closed sunroof, press .

To close, press .

To open/close the sunroof automatically

Briefly press either side of the switch to the second action point. Press again to stop. If the closed position is reached, the sunroof stops automatically. Movement can be interrupted by pressing the switch in any direction.

Controls and features

Anti-trap function sunroof

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

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



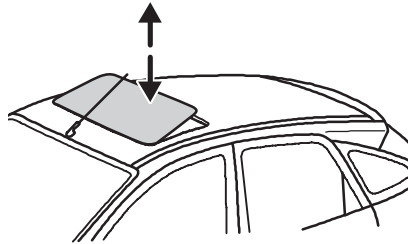
Careless closing of the sunroof can override the protection function and cause injuries.

- Close the sunroof twice until it reaches the resistance and let it reverse.
- Close the sunroof a third time to the resistance. Briefly release the switch and press again immediately. The sunroof will override the resistance and can then be closed fully.



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

Relearning function



In case the sunroof does not close properly anymore, follow this relearning procedure:

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

Controls and features

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



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

Safety mode

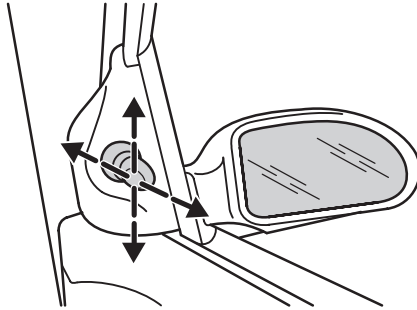
If the system detects a malfunction, it enters a safety mode. The sunroof will move for only about 0.5 seconds at a time and then stop again. Close the sunroof by pressing the switch again when the sunroof stops moving. When the rear of the sunroof is lifted, lift the rear all the way and then close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



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

DOOR MOUNTED CONTROLS

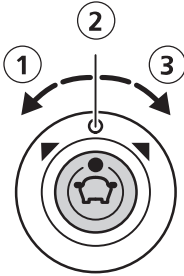
Manually adjustable door mirrors



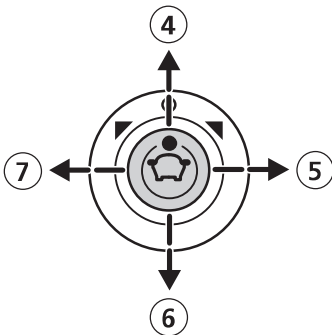
Both door mirrors are adjustable from inside the vehicle.

Controls and features

Electrically operated and heated door mirrors



- ① Left-hand mirror
- ② Off
- ③ Right-hand mirror



- ④ up
- ⑤ right
- ⑥ down
- ⑦ left

The door mirrors are heated when the heated rear screen is switched on.

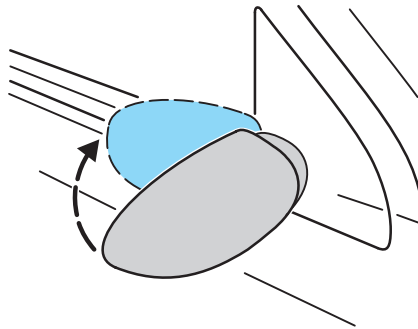
Convex door mirrors

The rearward field of vision is increased to minimise blind spots at the rear corners of the vehicle.



Objects seen in these mirrors will look smaller and appear further away than they actually are. Be careful not to overestimate the distance of the objects seen in the mirrors.

Folding door mirrors



If required, in narrow spaces for example, your door mirror can be folded back manually. To return the door mirror to its original position, push it into the mirror support until engaged.

Controls and features

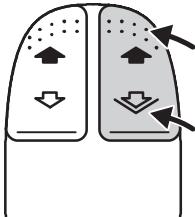
Power windows

The windows can be operated only when the ignition is switched on.


Note: The power windows can also be operated with the ignition off via the global opening/global closing function. Refer to the section *Global opening/global closing*.



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



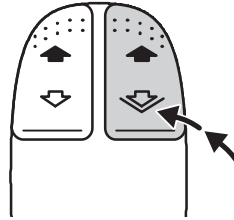
The windows are operated by switches located on the door trim panels. The windows open/close when the switch is pressed.


Press : to open.

Press : to close.

Front power windows system

- **To open the driver's window automatically**



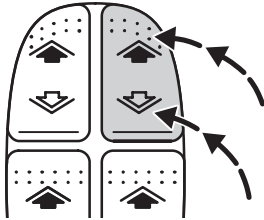
Momentarily depress button  to the second action point. Press again to stop the window.



Front and rear power windows system

On vehicles equipped with four power windows additional functions are available.

Controls and features

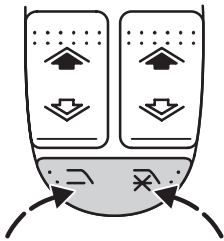
- **To open/close the windows automatically**





Briefly press button  to open or button  to close to the second action point. Press again to stop the window.

- **Safety switch for rear windows**

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



Button  (red symbol):
Rear window switches activated.


Button  (green symbol):
Rear window switches deactivated.

The rear windows can always be operated from the driver's door.

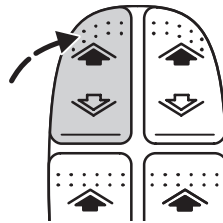
- **Anti-trap function windows**


On vehicles equipped with four power windows, the windows will stop automatically while closing and reverse some distance if there is an obstacle in the way.

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

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


Close the window twice until it reaches the resistance and let it reverse.



Close the window a third time to the resistance. Briefly release the button  and immediately press it again.

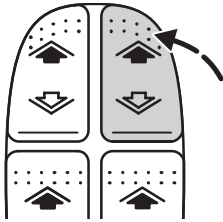
Controls and features


The window will close a short distance against the resistance and then can be closed fully.

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

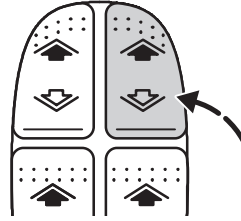
• **Resetting the memory**


After the battery has been disconnected from the vehicle it is necessary to reset the memory separately for each window:




Press button  until the window is fully closed. Hold the button  for one more second.


Release button  and press again, two or three times, for one more second.



Press button  until the window is fully opened. Hold the button  for one more second.

The window will close automatically if the resetting procedure has been done correctly. Briefly press button  to the second action point.


Reset and repeat procedure if the window does not close automatically.

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


Controls and features

CONSOLE CONTROLS

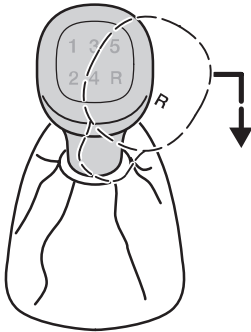
Manual transmission

 Engage reverse gear 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.

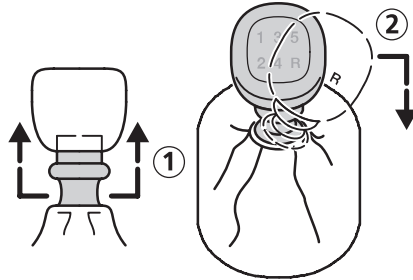
 Do not apply any undue lateral force to the gear lever when changing from 5th to 4th gear as this could lead to the inadvertent selection of 2nd gear.

Reverse gear- 5-speed transmission (Type A)



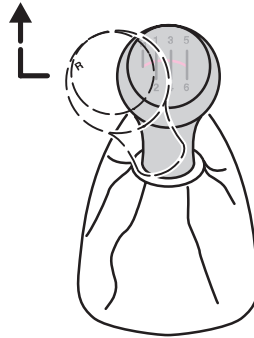
Shift the lever into the neutral position and then press the lever fully to the right against a spring pressure, before pulling rearwards.

Reverse gear- 5-speed transmission (Type B)



To select reverse gear, lift the locking ring ① and then move the gear lever towards the right and rear ②.

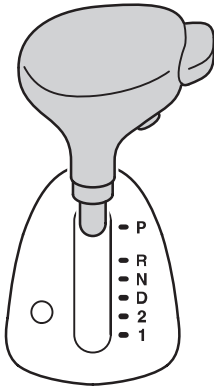
Reverse gear- 6-speed transmission




Shift the lever into neutral position and then move the lever fully to the left-hand side of the gate against the spring pressure. Once the lever is fully to the left, push it forward into the reverse gear position.

Controls and features

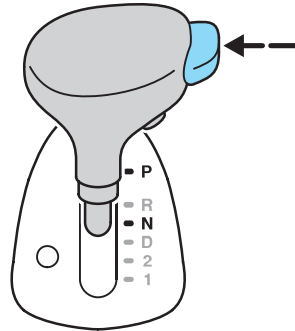
Automatic transmission



The four speed automatic transmission is electronically controlled. The 4th gear – overdrive function – can be switched on and off manually, as required.

 Always set the parking brake fully and make sure the gearshift is latched in **P** (Park). Turn off the ignition whenever you leave your vehicle.


Selector lever lock




To select lever positions **R**, **2** (except moving from position **1** to position **2**) and **P**, you must first depress the button on the side of the selector lever grip. When disengaging from **P**, turn the ignition key to position **II** and depress the brake pedal.

• **Selector lever positions**

• **P = Park**

 This position should be selected only when the vehicle is stationary.

 Always set the parking brake fully and make sure that the selector lever is securely latched in **P**. Turn off the ignition whenever you leave the vehicle.

In this position, the transmission is locked.

Controls and features



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

The battery saver will deactivate the chime after the default time of 30 minutes.

The key can be removed from the ignition lock only in position **P**.

In emergencies the selector lever can be moved from the park position **P** mechanically. Refer to the section *Emergency park position release lever (Automatic transmission)*.

The engine should be started with the selector in position **P**. If necessary, it can also be started with the lever in position **N**.



When the engine is started the **brake pedal** and the selector lever button must be depressed before the selector lever can be moved from the park position **P**.

• **R = Reverse**



This position should be selected only when the vehicle is stationary and the engine is idling.

• **N = Neutral**

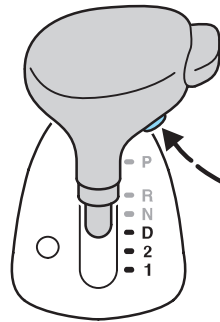
This position should be selected when starting the engine or when idling. No power is transmitted to the drive wheels.

• **D = Drive**

• **With overdrive**

The normal driving position. All four forward gears are electronically selected.

• **Without overdrive**



If the transmission is frequently shifting between 4th and 3rd gear, the overdrive should be switched off. Depress the button located under the grip at the side of the selector lever. The indicator light in the instrument panel illuminates to indicate that the overdrive is switched off. The transmission will now shift only between 1st and 3rd gears.

Depress the overdrive button again to reactivate. When the engine is switched on, the overdrive function is automatically selected.

Controls and features

• 2 = Gear 2

The automatic transmission remains permanently in 2nd gear. This position should be selected on down hill gradients to avoid unnecessary use of the brakes, and on long uphill gradients and twisty roads. It can also be used for initial start off on icy roads.

• 1 = Gear 1

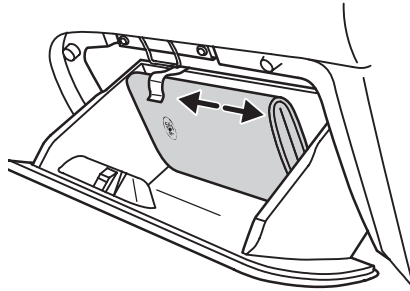
For extreme downhill gradients. The automatic transmission remains in 1st gear.

Multi-function warning light



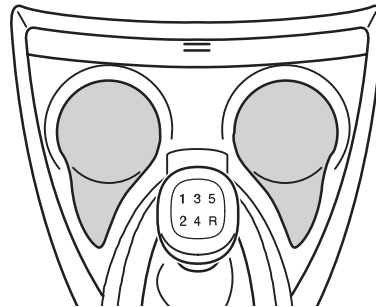
The multi-function warning light: automatic transmission/cooling system flashes if a problem has been detected in the automatic transmission. If this happens, take your vehicle to the nearest expert as soon as possible.

Glove compartment



A clip is provided in the glove compartment for securing the Owner's Literature wallet. The wallet can be removed and replaced by sliding it to the side.

Front cup holders and storage



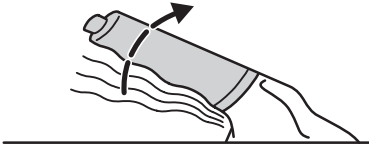
The cup holders, a pen holder and storage space are located in front of the gear lever.



To avoid scalding, never place hot drinks in the cup holder while driving.

Controls and features

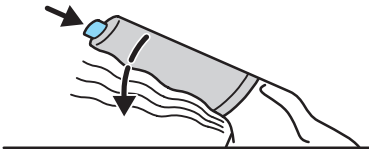
Handbrake



- Press the brake pedal firmly.
- While pressing the brake pedal, pull the handbrake 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 and turn the steering wheel away from the kerb.
- If your vehicle is parked on a hill and facing downhill, select reverse gear and turn the steering wheel towards the kerb.

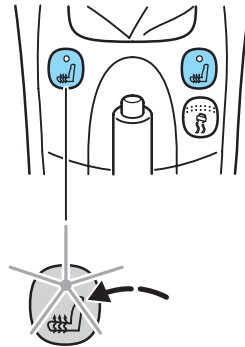


Vehicles with an automatic transmission should always be left with the selector lever in position **P**.



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

Heated front seats switch

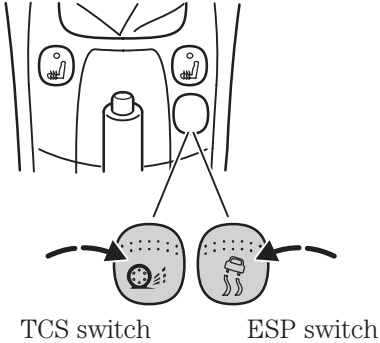


Press the switch to turn on or off. The light in the switch indicates operation.

For further information, refer to the chapter *Seating and safety restraints*.

Controls and features

Traction Control System (TCS)/ Electronic Stability Program (ESP) switch



The the symbol on the switch depends on the system equipped.

Press the switch to turn the system off or on.



BTCS/TCS indicator light



ESP indicator light

The Traction Control System (TCS)/ Electronic Stability Program (ESP) indicator light in the instrument cluster illuminates continuously while the system is off.

Note: The Brake Traction Control System (BTCS) cannot be switched off.

Each time the ignition is switched on, the system is automatically selected.

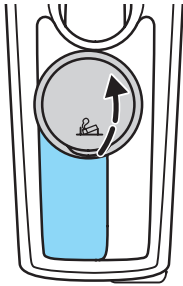
For further details, refer to the section *Traction Control System (TCS)/Electronic Stability Program (ESP)*.

Controls and features

Multi-function storage

The storage is located in the centre console. It can be used for:

- **Storage**
- **Rear ashpot**

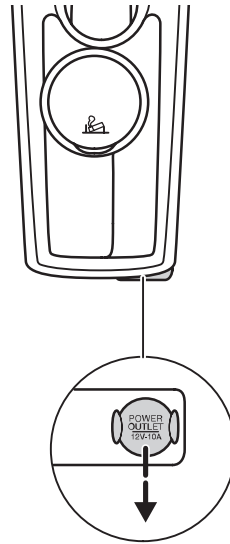


To open, lift the lid. The rear ashpot can be removed to provide a rear cup holder. The ashpot can also be inserted into either of the front cup holders.



To avoid scalding, never place hot drinks in the cup holder while driving.

• **Rear power point**



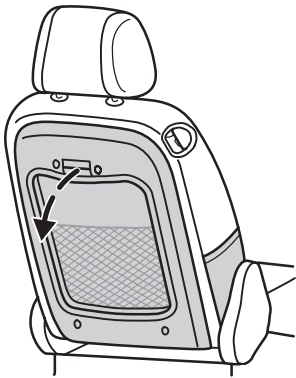
The rear power point can be used to power 12 volt appliances having a current rating of maximum 10 amperes. However, if the engine is not running, this will cause the battery to discharge.

When connecting appliances, use only specified connectors from the Ford Accessory range.

Controls and features

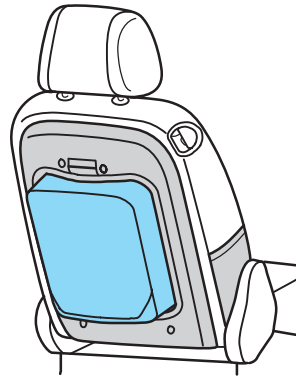
Kangaroo net/utility bag/ map pocket

A kangaroo net or utility bag is located on the rear of the front passenger seatback for stowing small items. The net/bag can be removed to provide a table surface when the front passenger seat is folded forwards.



To remove the net/bag, pull the unlocking lever.

To attach the net/bag to the seat, push the frame into the frame on the seatback.



In addition, a map pocket is located on the inner side of the seatback.

For further information, refer to *Fold flat front passenger seat* in the *Seating and safety restraints* chapter.

Rear armrest



A stowage compartment is incorporated into the armrest.

Controls and features

LUGGAGE COMPARTMENT

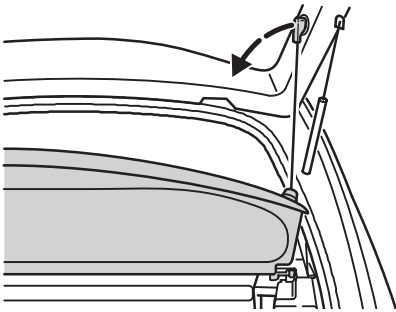
Luggage cover



Do not place objects on the luggage cover.

3- and 5-door

• Removal

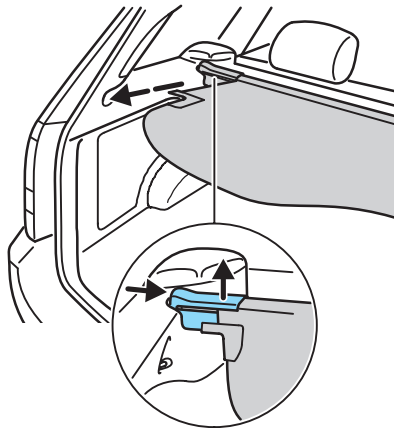


Detach the two lifting straps on the tailgate. Release the cover at its sides and pull it out horizontally without tilting it.

• Refitting

Insert the cover horizontally, align it and push in as far as the stop. Attach the lifting straps to the tailgate.

Estate

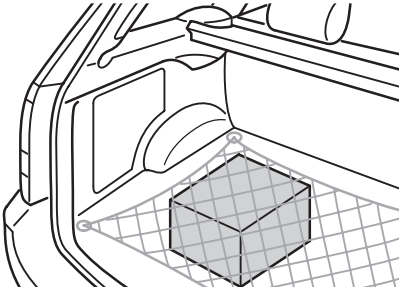


Pull out the roller cover and secure in the retaining points.

The cover can be removed completely by pressing both ends of the support inwards.

Controls and features

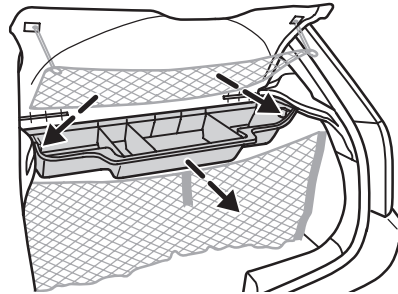
Luggage net



A luggage net can be attached to the four retaining points on the load area floor.

A luggage net can be obtained from your Ford Dealer.

Stowage box (5-door)



To install the stowage box, slide the front into position and push down on the rear until it clicks into place.

To remove it, press the yellow buttons and pull the box out.

The dividers can be slid into any of the slots on the stowage box to provide various stowage areas.

The contents of the box should be no higher than the dividers.



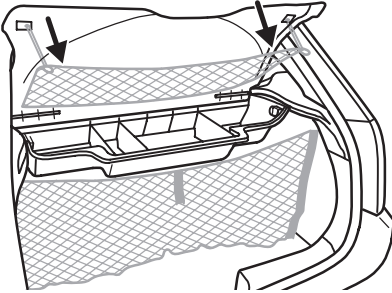
The maximum load weight for the stowage box is 5 kg.



When driving with the stowage box installed, the luggage cover must also be installed to prevent objects in the box being projected through the vehicle in the event of an accident or heavy braking.

Controls and features

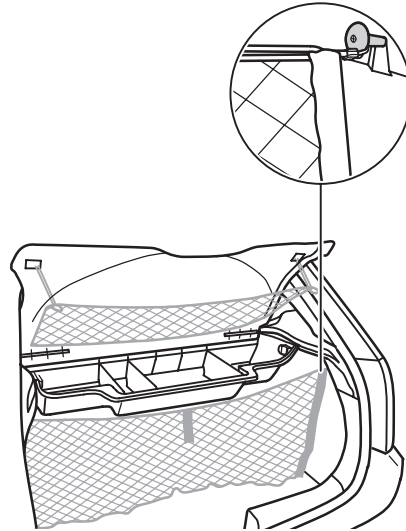
Luggage cover net (5-door)



To drop down the front of the net, unclip the wire frame loops at the front corners by pushing them towards the side of the vehicle.

To remove the net, detach the wire frame loops at the front and push down the wire frame at the rear to unclip it.

Hammock net (5-door and Estate)



To install the hammock net, hook the loops onto the yellow mushroom-shape retainers.

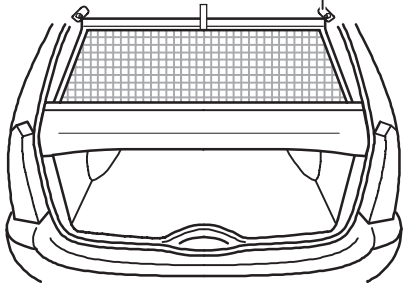
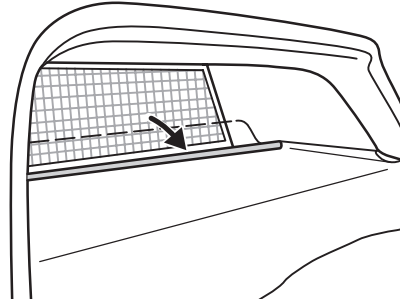
Sidewall stowage net (5-door)

A sidewall stowage net is provided for small items.


Controls and features

Luggage retention net (Estate)

To install the luggage retention net cassette, push the sliders towards each other and insert the telescopic bar into the holes on the sidewall behind the rear seatbacks.



Pull up the net and insert the retractable end of the bar into the retainer on the roof. Push the non-retractable end towards the centre of the vehicle, and insert it into the other retainer. Ensure that the bar is pushed forwards into the narrow section of the retainers.

 When driving with the luggage retention net deployed, the flap on the luggage cover must be folded through 180° so that rear vision is not obscured.

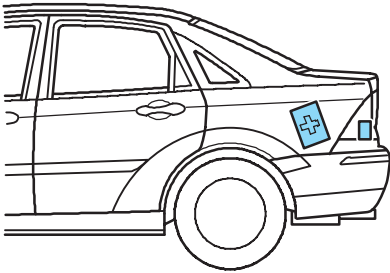
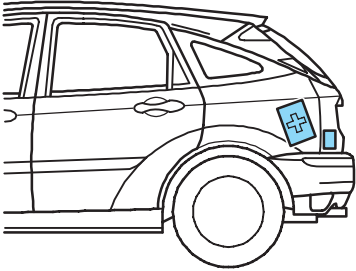
Reversible carpet (5-door and Estate)

The carpet can be turned over to provide a rubber surface on the floor of the luggage compartment.

Controls and features

First aid kit and warning triangle

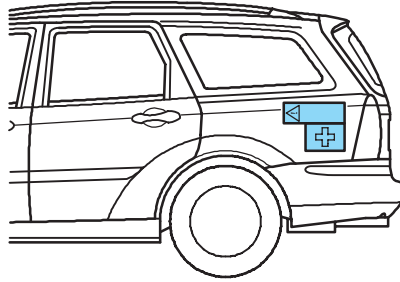
3-/4-/5-door



Depending on country a retaining strap on the left-hand side of the luggage compartment can be used to secure a first aid box and one on the rear lower panel to secure a warning triangle.

On ST170 vehicles fitted with an optional subwoofer speaker, a net on the left-hand side of the luggage compartment can be used to store a first aid box.

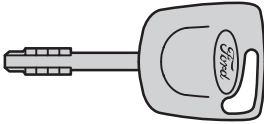
Estate



Depending on country storage for a first aid box and a warning triangle is located on either side of the luggage compartment.

Controls and features

KEYS

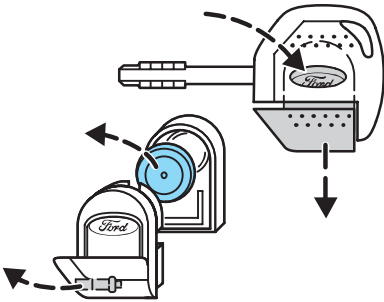


The key operates all locks on your vehicle. In case of loss, replacement keys are available from Ford Dealers by stating the key number shown on the tag provided with the original keys.

You should always carry a second key with you for emergencies. Keep it in a safe place.

For further information, refer to the section *Engine immobilisation system*.

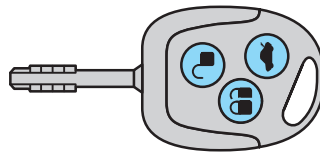
Torch key



The light illuminates while the round button is pressed. The battery and the bulb in the key grip can be replaced separately. Replacements can be obtained from your dealer.

To extract the unit, depress the Ford badge fully and pull the unit out. Open the unit with a coin and replace the battery and/or bulb. Reassemble the unit by pressing it together and refit it in the key grip.

Key with radio frequency remote control



The transmitter is integrated into the key.

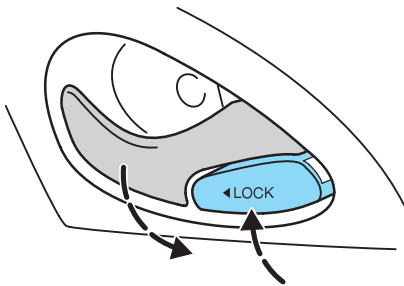
For further information, refer to the section *Radio frequency remote control*.

Controls and features

LOCKS

Door locks

The front doors can be locked and unlocked from the outside only with the key.




Pull (Open the door) Press (Lock the door)

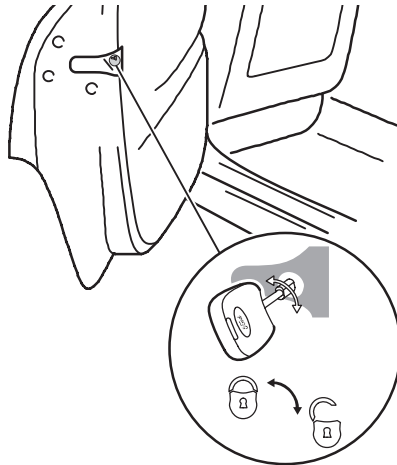
When inside the vehicle, they can be locked with the locking button and unlocked using the door handle.

To lock rear doors, depress the locking button and close the door when leaving the vehicle. The door is locked when the white mark on the end of the lever becomes visible.

To operate the anti-theft alarm, interior sensors or double locking, refer to the appropriate section on the following pages.

Rear door childproof safety locks

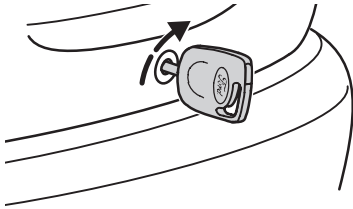
 When the childproof safety lock is activated, the door can only be opened from outside.



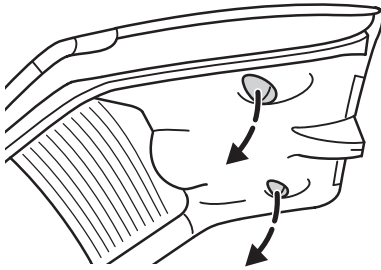
Turn the key in the rear doors outwards to activate the lock. To deactivate the lock, turn the key inwards.

Controls and features

Luggage compartment

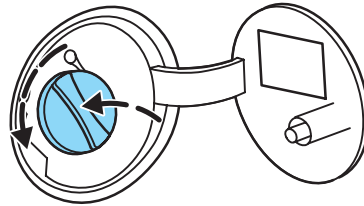


To unlock turn the key clockwise.



A recessed grip is incorporated inside the tailgate to facilitate closing.

Fuel filler flap lock



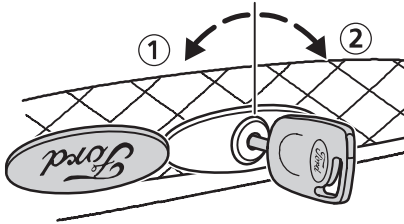
To unlock turn the key clockwise. Open the flap fully until it engages. Press the fuel filler cap and, while pressed in, turn it anticlockwise.

When the filler cap is removed, a hissing noise may be heard. This is normal and should be disregarded.

To close turn the cap clockwise until it clicks.

Controls and features

Bonnet



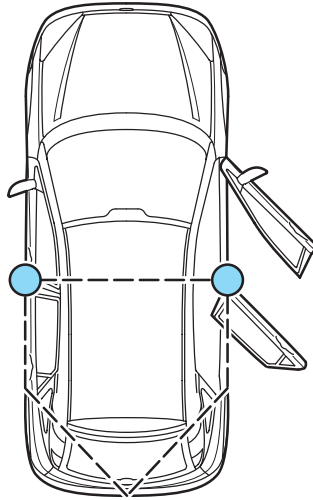
Swivel the Ford badge in the radiator grille to the side and turn the key first anticlockwise (1). Raise the bonnet slightly and turn the key fully clockwise (2) to open the bonnet.



Remove the key immediately after opening and swivel the Ford badge back.

For further information, refer to the chapter *Maintenance and care*.

CENTRAL DOOR LOCKING SYSTEM



The central locking system can be activated from the driver's or front passenger's door. It operates only when the front doors are closed. It is activated from the outside with the key or from inside by depressing the locking button on the door handle.

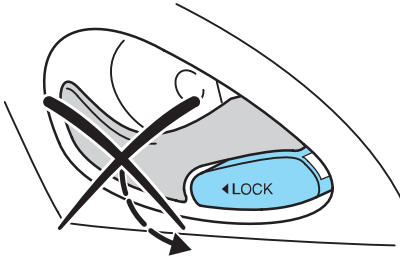
When locking the vehicle using the key, the direction indicators will flash twice. On vehicles with double locking, they will not flash. When unlocking, they will flash once.

The luggage compartment remains locked.

Note: The central locking system can only be activated from the driver's door on vehicles with radio frequency remote control.

Controls and features

Central locking with double locking system



Impossible to open from inside


Double locking is an additional theft protection feature which prevents the vehicle's doors being opened from inside the vehicle.




Double locking should not be activated when persons are inside the vehicle.

Note: The central locking with double locking system can only be activated from the driver's door on vehicles with radio frequency remote control.

ST170

On the ST170 fitted with enhanced security (certain markets only), opening the driver's door with the key starts a 12 second delay chime before the alarm sounds. The alarm system should be deactivated during this period by turning the key in the ignition to position II, or by pressing  on the remote control.

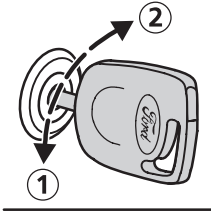
Entry via any other door is not possible without triggering the alarm. For further details, refer to the section *Anti-theft alarm system*.

Alternatively, pressing  once will unlock all doors and deactivate the anti-theft alarm system. Refer to the section *Radio frequency remote control*.

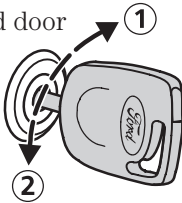
Double locking is possible only if the front doors are closed.

Controls and features

To activate

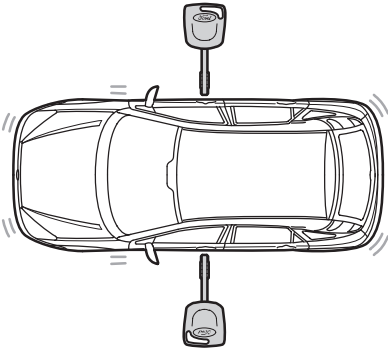


Left hand door



Right hand door

To activate double locking, turn the key in the driver's or passenger's door to position ① and then to position ② within two seconds.



The direction indicators will flash twice to confirm the system is operating.

When locked, the anti-theft alarm will be activated (if fitted).

The anti-theft alarm system can also be activated independently from the double locking system by turning the door key to position 2.

For further details refer to the section *Anti-theft alarm system*.

To deactivate

To deactivate double locking, unlock one of the front doors with the key. The direction indicators will flash once.

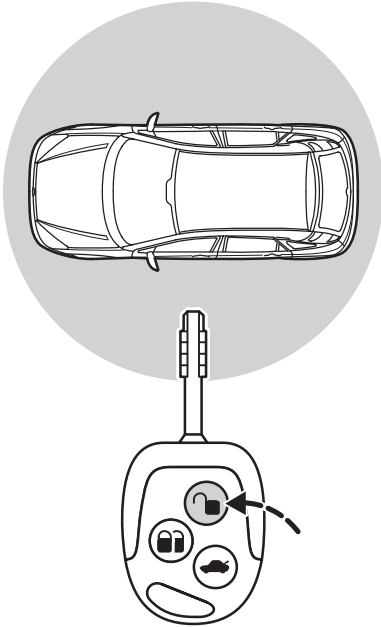


If a failure occurs in the vehicle's electrical system the front doors can still be individually unlocked with the key.

Controls and features



Radio frequency remote control

The luggage compartment can be opened manually with the key or with the remote luggage compartment release.



! The radio frequency used by the remote control can also be used by other short distance radio transmissions (e.g. amateur radios, medical equipment, wireless headphones, remote controls, alarm systems etc.). If the remote control frequencies are jammed, you will not be able to use any remote functions to lock or unlock the vehicle or set the alarm. However, you can lock/unlock with the key.

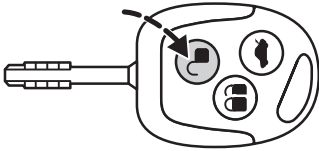
For type approval of your remote control, refer to the table at the back of the chapter *Capacities and specifications*.


! The vehicle or luggage compartment will be unlocked if the  or  button is pressed unintentionally, without the key being directed towards the vehicle (e.g. in your pocket).


The system is operational three seconds after the ignition has been switched off. The range between transmitter and vehicle is environmentally influenced and varies greatly.

Controls and features



To unlock the doors





Pressing the  button once deactivates the double locking and the anti-theft alarm system, and also unlocks **all** doors. The direction indicators will flash once.

Note: When  is pressed, unless a door or the luggage compartment is opened, or the ignition is switched on, central locking and the anti-theft alarm system will automatically be activated after 45 seconds.

Re-programming the unlocking function

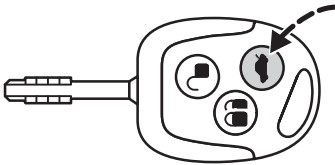
You can change the unlocking function so that pressing the  button once deactivates the double locking and the anti-theft alarm system and unlocks the driver's door. Pressing the  button twice within three seconds also unlocks the passengers' doors.


In order to re-programme the function, press and hold the  and  buttons simultaneously for at least four seconds with the ignition switched off. The direction indicators will flash twice to indicate that the unlocking function has been successfully re-programmed.

Pressing and holding both buttons simultaneously for at least four seconds again will change the function back.

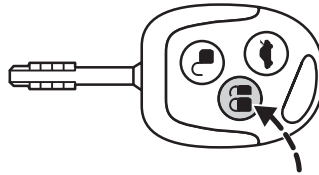
Controls and features

To unlock the tailgate




Press the  button twice within three seconds.

To lock



Pressing the  button once activates the central locking and the anti-theft alarm system.

On vehicles not equipped with double locking, the direction indicators will flash twice to confirm the system is operating. On vehicles equipped with double locking, the direction indicators will not flash.

If, on vehicles equipped with double locking, the  button is pressed twice within three seconds, double locking and the interior sensing alarm will be activated.

The direction indicators will flash twice to confirm the system is operating.




Double locking should not be activated when persons are inside the vehicle.

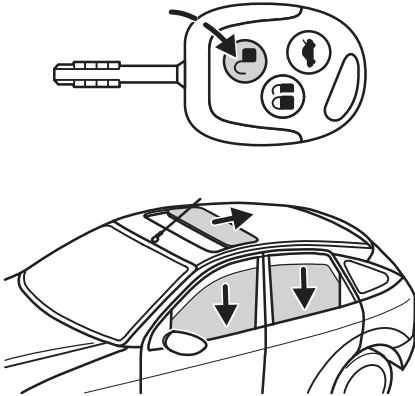
Controls and features


Global opening/global closing



The system automatically opens/closes all windows and the sunroof from outside the vehicle.

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

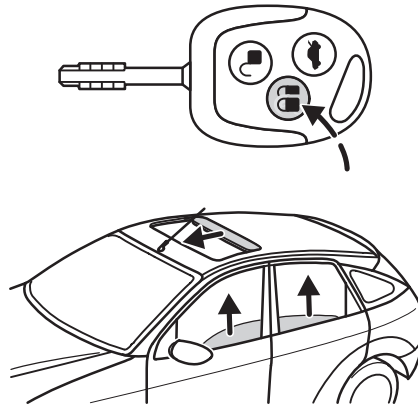
Global opening





To open, press and hold the  button for three seconds.

Pressing either the  or the  button stops the opening function. During global opening, the sunroof will always open by sliding back under the roof.

Global closing



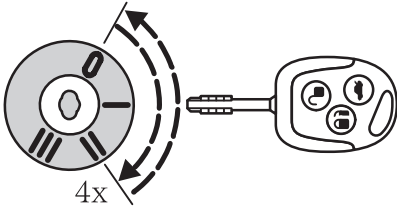
To close, press and hold the  button for two seconds. Pressing any button stops the closing function. The anti-trap function is also active during global closing. For more information refer to the sections *Sunroof anti-trap function* and *Smart windows*.

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

Controls and features

Key programming

A maximum of four keys with radio frequency remote control (including the ones delivered with the vehicle) can be programmed.

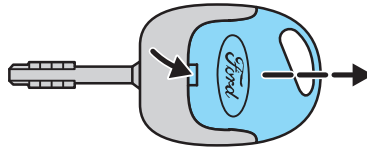


1. To programme new keys with radio frequency remote control turn the ignition key to position **II** four times within six seconds.
2. Switch off the ignition. A tone sounds to indicate that it is now possible to programme the keys for 10 seconds.
3. Press any button on a new key. A tone will sound as confirmation. Repeat this last step for **all** your keys with radio frequency remote control, including your original keys.
4. Switch the ignition back on or wait for ten seconds without programming another key to end the key programming. Only the keys with radio frequency remote control which you have just programmed are now able to lock and unlock your vehicle.

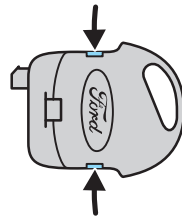
Note: To code keys for the engine immobilisation system, refer to the section *Key coding*.

Replacing the battery

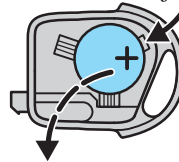
If the range of the transmitter in the key decreases gradually, the battery (type 3V CR 2032) should be replaced.



- Carefully separate the transmitter unit from the key using a flat object (e.g. a screwdriver) at the recess on the back.



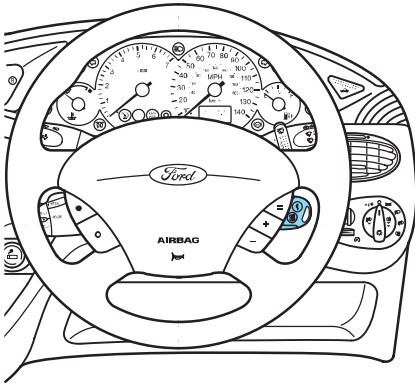
- Open the transmitter unit by separating the retaining clips on the sides with the flat object.



- Carefully prise out the battery with the flat object. Fit the new battery between the contacts with the (+) sign facing upwards. Reassemble the transmitter unit in reverse order.

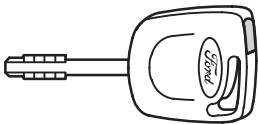
Controls and features

ENGINE IMMOBILISATION SYSTEM



The engine immobilisation system is a theft protection feature which prevents the engine from being started with an incorrectly coded key.

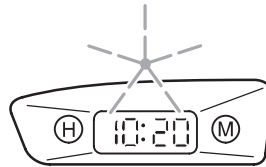
Keys



Your vehicle is supplied with coded keys marked with a coloured dot.

Replacement keys must be recoded together with your other keys.

Automatic arming



The system is armed five seconds after switching off the ignition. The indicator light will **flash** every two seconds.

Automatic disarming

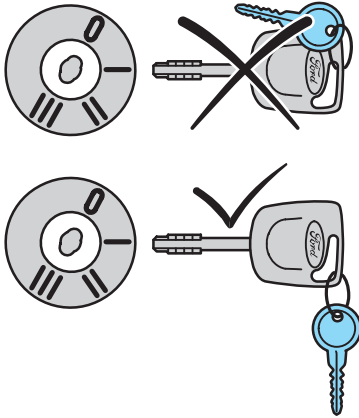
Switching on the ignition disarms the system if the correct code is recognised. The indicator light **illuminates** for approximately three seconds and then **extinguishes**.


If the indicator light illuminates constantly for one minute or flashes for approximately one minute and then repeatedly at irregular intervals, the system did not recognise the key code. Remove the key and try again.

If a key with an incorrect code was used, a waiting period of about 20 seconds is required before starting the vehicle with a correctly coded key.

Controls and features

If the engine does not start, a system malfunction has occurred. Have the system checked by an expert immediately.

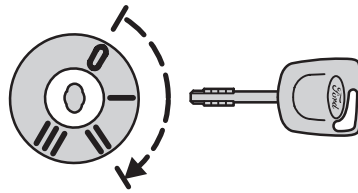


 To ensure a trouble-free data exchange between the vehicle and key, do not shield the keys with any metal objects.

Key coding

A maximum of eight keys can be coded using two other keys previously coded for your vehicle.

Complete each of the following steps **within five seconds**.



1. Insert the first key in the ignition switch and turn to position **II**.
2. Turn the key back to position **0** and remove from the ignition switch.
3. Insert the second key in the ignition switch and turn to position **II**.
4. Turn the second key back to position **0** and remove from the ignition switch – the key coding mode is now activated.
5. If an uncoded key is now inserted in the ignition switch and turned to position **II** within 10 seconds, this key is coded to the system.

Controls and features

6. After the coding process is completed remove the key from the ignition switch. Wait five seconds for the system to be activated.

If coding is not completed correctly, the indicator light flashes after the ignition is switched on with the newly coded key and the engine will not start.

Repeat the coding process after waiting 20 seconds with the ignition switched on (position II).

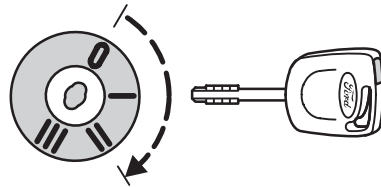


If a key is lost, it is imperative to erase and recode the remaining keys. Consult your Ford Dealer if you now have only one valid key.

Coding erasure

With two keys coded for your vehicle you can make all the other coded keys unusable, e.g. after loss:

Complete each of the following steps **within five seconds**.



Carry out the first four steps under *Key coding*, then continue as follows:

1. Insert the second key in the ignition switch and turn to position II.
2. Remove the key from the ignition switch.
3. Insert the first key in the ignition switch, turn to position II and hold. The control light flashes for five seconds.
4. If the ignition is switched off during these five seconds, the erasure process is terminated and **no** key is erased.
5. If the erasure process is completed, all the other keys, apart from the two used for erasure, can no longer be used unless recoded. Additional keys can now be coded.

Controls and features

ANTI-THEFT ALARM SYSTEM

The system is armed as soon as the vehicle is locked and acts as a deterrent to unauthorised persons who attempt to open the doors, bonnet or luggage compartment, or remove the radio.

Activation

Turn the key as far as it will go in the locked position and hold in this position for one second.

Refer to the sections *Central locking with double locking system* and *Radio frequency remote control*.

Automatic activation delay

The 20 seconds activation delay begins when the bonnet, luggage compartment and all doors are closed.

Alarm

The alarm sounds for 30 seconds if an unauthorised person opens a door, the luggage compartment or the bonnet. The hazard flasher lights will flash for five minutes.


Any attempt to start the engine without a valid key or to remove the radio sounds the alarm again.

To switch off

The anti-theft alarm system can be deactivated at any time – even when the alarm is sounding – by unlocking one of the front doors.

The anti-theft alarm system for the tailgate is deactivated when the luggage compartment is unlocked with a key or the remote control. After closure, the alarm is once again armed.

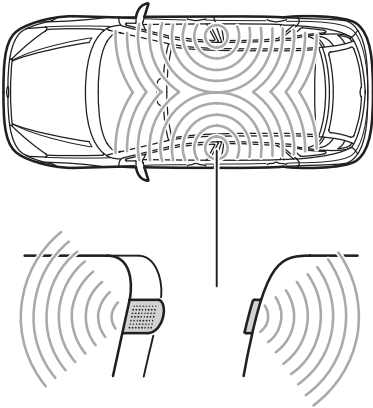
ST170

On the ST170 with enhanced security (certain markets only), the anti-theft alarm system is deactivated by pressing  on the remote control.

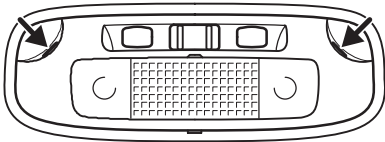
If the remote control is not available or if the remote control battery has been allowed to go flat, the car may be used with a non-remote key. Opening the driver's door with the mechanical key starts a 12 second delay chime before the alarm sounds. The alarm system should be deactivated during this period by turning the key in the ignition to position II. The car may now be driven as normal without the alarm sounding.

Controls and features

ANTI-THEFT ALARM SYSTEM WITH INTERIOR SENSORS




This system acts as a deterrent against unauthorised intrusion by sensing any movement within the vehicle.



The sensors in the ST170 are located in the interior light unit (optional).

Activation

The interior sensing alarm is activated together with the double locking system.

 This system functions correctly only if all windows and the sunroof are completely closed. In addition to this, the sensors located at the top of the door pillars must not be covered up. The system adapts to conditions in the vehicle's interior but it should not be activated if any persons, animals or other moving objects are inside the vehicle.

Delayed activation and confirmation of activation

This function is the same as the anti-theft alarm system.

Alarm

Unauthorised entry into the vehicle's interior will trigger the alarm in the same way as the anti-theft system.

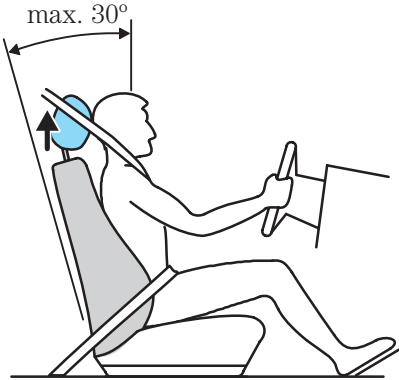
Additional heating system

Do not activate the interior anti-theft alarm if an additional heating system is used, as the alarm could otherwise be set off.


Seating and safety restraints


SEATS

Sitting in the correct position

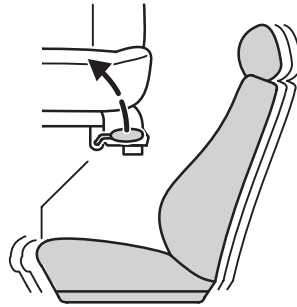


- Sit in an upright position with the base of your spine as far back as possible and with the backrest reclined no more than 30 degrees.
- Adjust the head restraints so that the top is level with the top of your head.
- Do not move the front seat too close to the instrument panel. The driver should hold the steering wheel in the '10 to 2 o' clock' position with arms slightly bent. The legs should also be slightly bent so that the pedals can be pressed fully to the floor.
- The seat belt should cross the centre of the shoulder; the lap strap should fit tightly across the hips, not the stomach.

 Do not use any accessory seat covers that are not specifically designed for seats with side air bags. These seat covers must be fitted by properly trained technicians.

 Do not adjust the seats while the vehicle is moving.

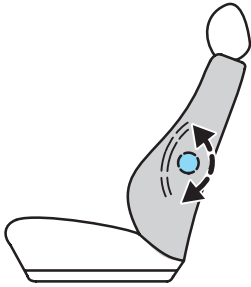
Moving the seats forwards or backwards



Pull the lever. Rock the seat to engage it in its catch.

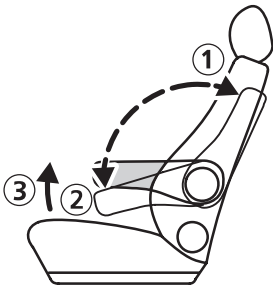
Seating and safety restraints

Adjusting the lumbar support



When the driver's seat is equipped with an armrest, the handwheel for the lumbar support is located on the side of the armrest.

Driver's armrest



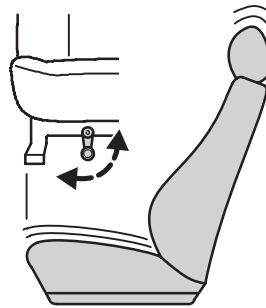
To adjust the driver's armrest to a comfortable height:

- Pull the armrest all the way back, past vertical (1).
- Push the armrest all the way down, past horizontal (2).

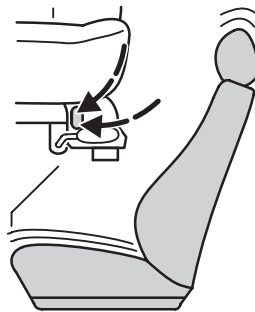
- Slowly raise the armrest to the desired position (3).

Note: If the armrest is too high, repeat the procedure.

Adjusting the height of the manually operated driver's seat

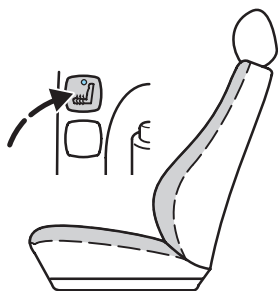


Adjusting the height of the electrically operated driver's seat



Seating and safety restraints

Heated front seats



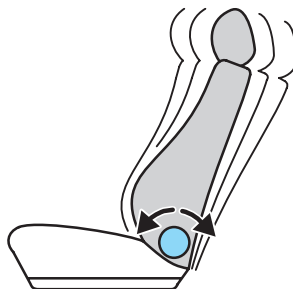
The heated seats are operated by a switch located in the centre console. The light in the switch indicates operation. The maximum temperature is reached after five or six minutes. It is regulated thermostatically.

The heating will operate when the ignition switch is in position II.



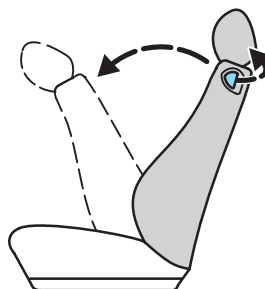
Heating with the engine off will drain the battery.

Adjusting the angle of the seatback



When the seats are slid fully forward the backs can be fully reclined.

Folding the seatback forwards



Pull the locking lever and fold the seatback forwards.

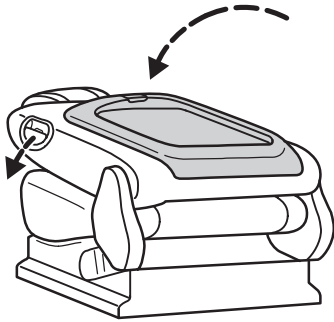
Fold back the seatback until it locks with a distinct click.



Do not place any objects behind the seat which could prevent the engagement of the seat lock.

Seating and safety restraints

Fold flat front passenger seat



To fold the front passenger seat flat, pull the unlocking lever and fold the seatback forwards until it reaches the horizontal position.

The kangaroo net or utility bag can be removed to provide a table surface on the horizontal seatback.

Pull the unlocking lever to return the seatback to the upright position.

When returning the seatback to the upright position, ensure that it locks with a distinct click.



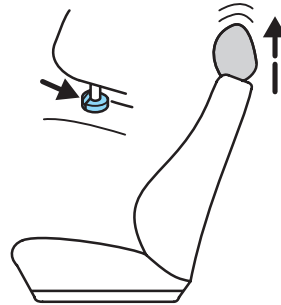
The front passenger seat must be in the upright position when driving if the seat directly behind it is occupied.



Do not place objects on the table surface when driving as these could become projectiles in the event of an accident or heavy braking.

For further information, refer to *Kangaroo net/utility bag* in the *Controls and features* chapter.

Head restraints



To raise: Pull the head restraint up.
To lower: Press the locking button and push the head restraint down.

To remove the front seat head restraints please consult an expert.

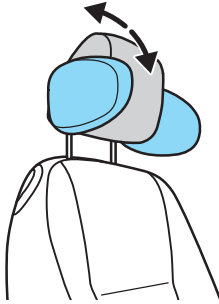
Rear head restraints can be removed altogether if the locking buttons are pressed.



Always have the rear head restraint raised, when the rear seat is occupied by a passenger or a child restraint.

Seating and safety restraints

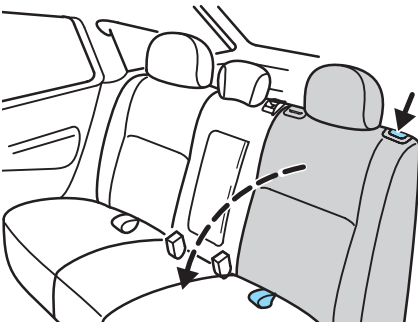
Head supports



The head supports on either side of the front and rear passenger seat head restraints can be folded forwards.

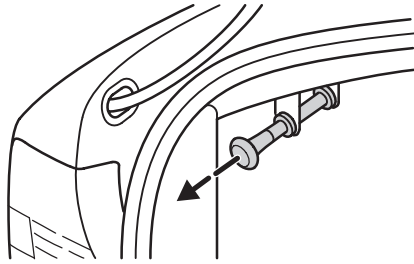
Folding the rear seatbacks forwards

3-, 5-door and Estate



Push the unlocking button on the rear seatback and fold the rear seatback forward.

4-door



Pull one or both unlocking knob(s) in the luggage compartment and fold the rear seatback forwards.

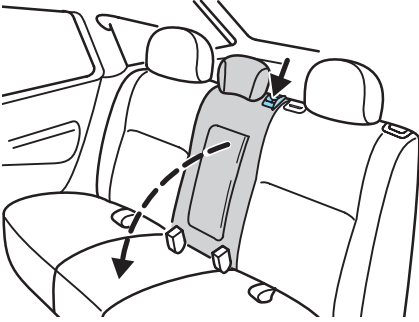
Returning the seatback to its original position

Each seatback must engage in its outer latch.

The seat belts must be forward of the seatback.

Seating and safety restraints

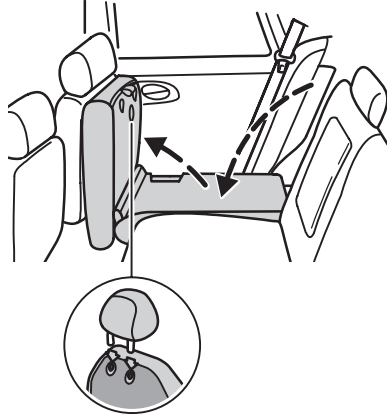
Folding the centre of the seatback forwards



Pull the unlocking lever on the rear seatback and fold the centre of the seatback forwards.

When returning the seatback to the upright position, ensure that it clicks securely back into place.

Folding the seat cushion and seatback forwards



Pull the loop between the seat cushion and seatback, and fold the seat cushion forward.

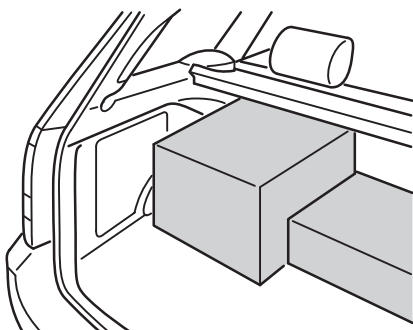
Remove the head restraint(s) of the rear seat, and fold the seatback forward.

Stow the head restraint(s) in the plastic retainer(s) provided in the now upright underside of the seat cushion, as shown on the decal.

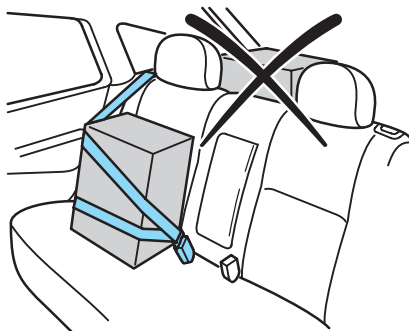
When returning the seats to their original positions, make sure the seat belts will function properly and are positioned in front of the seatback.

Seating and safety restraints

Transporting luggage



Luggage and other loads should be placed as low and as far forward as possible within the luggage compartment. Driving with the tailgate/rear door open is potentially dangerous as exhaust fumes may be drawn into the vehicle's interior.



If objects have to be placed in the passenger compartment, secure them with the seatbelts.

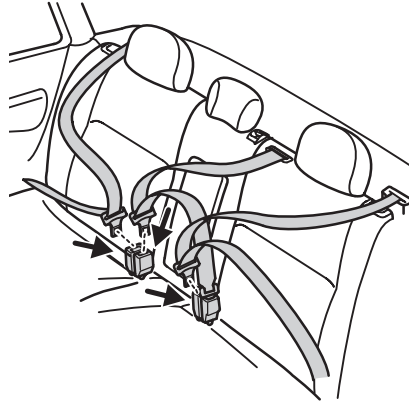
Seating and safety restraints

SEAT BELTS

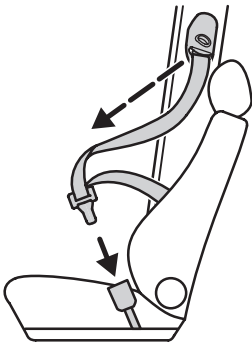


- Use seat belts at all times.

- Never use a seat belt for more than one person.
- Avoid wearing thick clothing.
- The seat belts should fit tightly around the body.



Fastening the seat belts



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



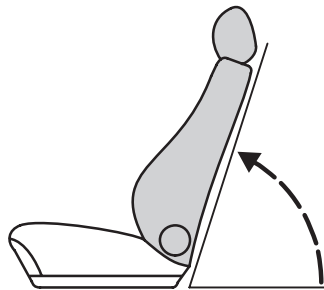
Insert the tongue into the buckle until a distinct click is heard, otherwise the seat belt will not be locked correctly.

To release the belt, press the red button on the buckle and let the belt rewind completely and smoothly.

Make sure that each seat belt uses the correct buckle.



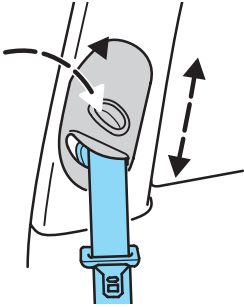
In order to ensure that the centre belt works properly, the rear seatback must be correctly engaged.



Do not recline the front seats excessively as the belts provide maximum protection when the seats are in the near upright position.

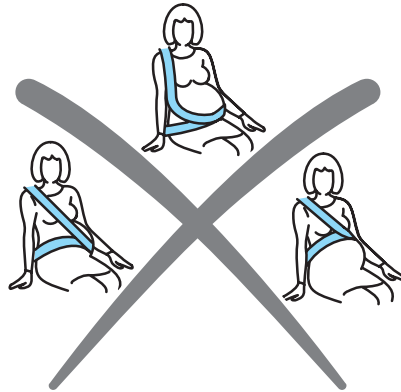
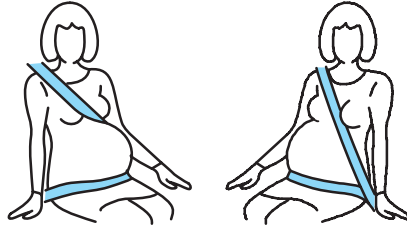
Seating and safety restraints


Adjusting the height of the front seat belts



To adjust, press the locking control on the height adjuster and move the pivot so that the belt rests across the centre of the shoulder.

Pregnant Women




 Pregnant women must wear a correctly positioned seat belt; it is safer for mother and unborn child.


Seating and safety restraints

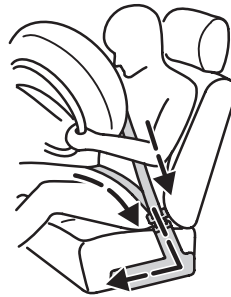
The lap strap should be fitted comfortably across the hips, low beneath the pregnant abdomen. The diagonal part of the seat belt should be placed between the breasts, and worn above and to the side of the pregnant abdomen.

Always wear seat belts without slack or twists. For optimum protection, the seat belts should fit tightly around the body. Do not recline the front seats excessively, as the belts provide maximum protection when the seats are in the near upright position.

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

Seat belt pretensioner

 The belt pretensioners must not be removed. If the pretensioners deployed during an accident, they must be replaced. Have the pretensioners serviced and disposed of by specially trained personnel.

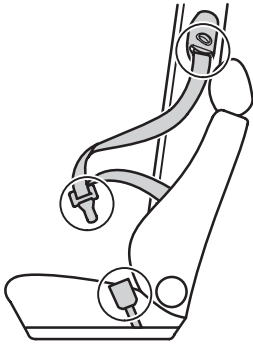


The restraint system, with belt pretensioner in the front seat, helps to reduce the risk of serious injury in a head-on collision. During a crash the seat belts are pretensioned to help reduce slack in the belt.

The belt pretensioner is only triggered in major frontal collisions provided the deployment threshold is reached and the seat belt is correctly engaged in the buckle. Refer to the section *Air bag* for further details.

Seating and safety restraints

Care of seat belts



Periodically check the belts for damage or fraying.



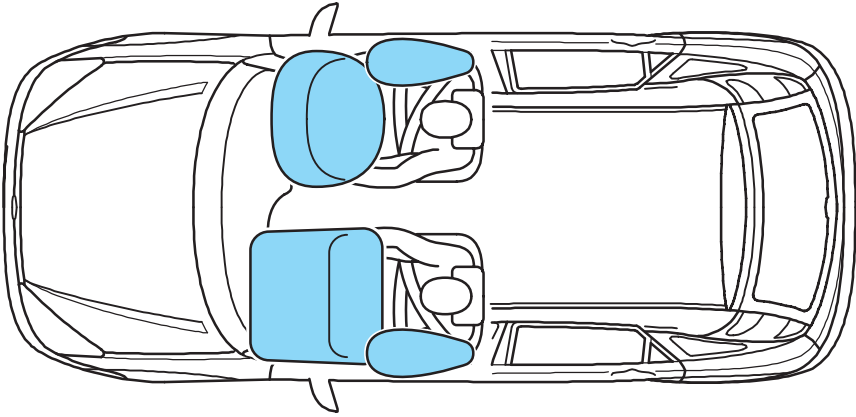
Do not attempt to repair or lubricate retractor or buckle mechanisms or to modify the belts in any way.

Belts subjected to strain – as a result of an accident – should be renewed and the anchorages checked by an expert.

Repositioning or upgrading radio speakers may adversely affect seat belt operation. For further guidance consult your dealer.

For information about cleaning the seat belts, please refer to section *Cleaning the seat belts* in the chapter *Maintenance and care*.

Seating and safety restraints



AIR BAG

The system

The air bag system comprises the following:

- dual-stage inflatable air bags with gas generators.
- side air bags.
- seat belt pretensioners.
- a variety of crash sensors.
- a warning light in the instrument panel.
- an electronic control and diagnostic unit.

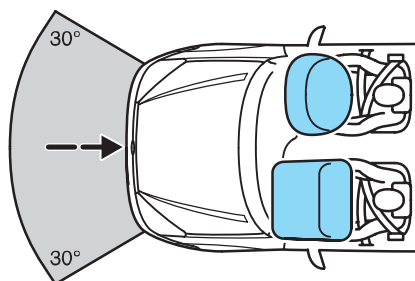
Note: A loud bang will be heard when an air bag deploys and it is normal to see a cloud of harmless powdery residue.


Front air bags

The seat and back must be set correctly for the air bag to be optimally effective. Refer to section *Sitting in the correct position* at the beginning of this chapter.


This is the ideal seating position for driver and passenger and helps reduce the risk of injury from sitting too close to an inflating air bag.

Seating and safety restraints

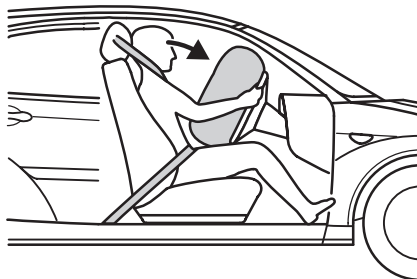


 Always wear the seat belt and keep sufficient distance between the driver and the steering wheel. Only when the seat belt is used properly, can it hold the body in a position which allows the airbag to achieve its optimum effect.

There is a risk of injury when the airbag deploys.


 Do not modify the front of the vehicle in any way as this can adversely affect air bag deployment.

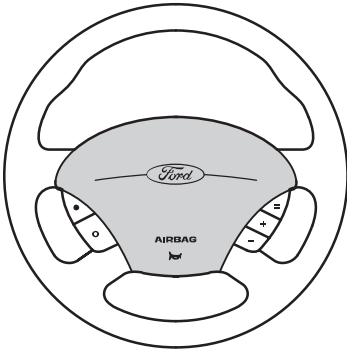
The front air bags activate during **major collisions** which are either **frontal** or **up to 30 degrees** from the left or the right. The air bags inflate within a few thousandths of a second. They will deflate on contact with the front occupants thus cushioning forward body movement.




The front air bags are not activated in minor collisions, overturns, rear or side collisions.

Seating and safety restraints

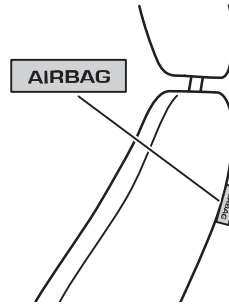
 Always keep the areas in front of the air bags free. Never affix anything to or over these areas.



These areas should only be wiped with a damp cloth, never with a wet cloth.

 Repairs to the steering wheel, steering column and air bag system should be carried out by properly trained technicians.

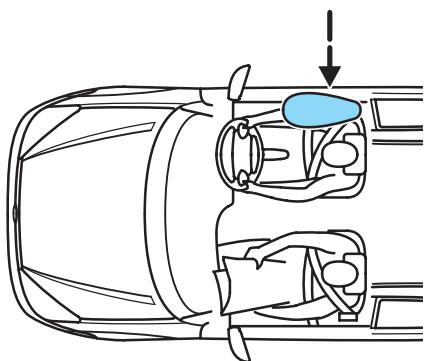
Side air bags



A label on the seatback indicates that side air bags are fitted.

The side air bags are fitted on the side of the seatbacks of the front seats. In case of a severe lateral collision, the air bag on the side affected by the collision will be inflated, even if the respective seat is not occupied.

Seating and safety restraints



The air bag will inflate between the door panel and occupant. Once the occupant's body contacts the air bag, the propellant escapes thereby cushioning the impact.

The side bags are not activated in minor lateral collisions, front or rear collisions.

The crash sensors for the side air bags are located under the outboard side of the seats, fixed to the floor. If water has entered the floor area, do not start the vehicle. Keep the sensors free from water, heavy or sharp objects.



 Repairs to either of the front seat covers, the sensors attached to the seats as well as to the roof lining should only be carried out by properly trained technicians. Injuries may result if the side air bags are triggered inadvertently.

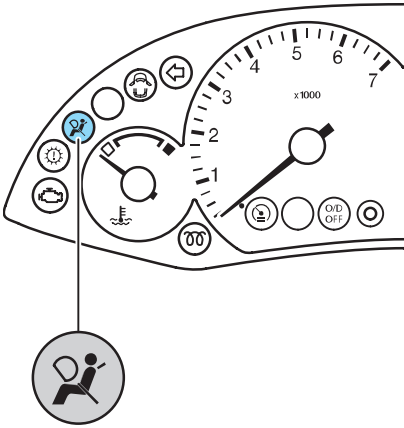
Do not block, obstruct or cover the air bag because it may prevent proper deployment.

Do not poke any sharp objects into the areas where air bags are fitted. This could damage the air bags.

Do not use any accessory seat covers that are not specifically designed for seats with side air bags. These seat covers must be fitted by properly trained technicians.

Seating and safety restraints

Air bag/seat belt pretensioner warning light



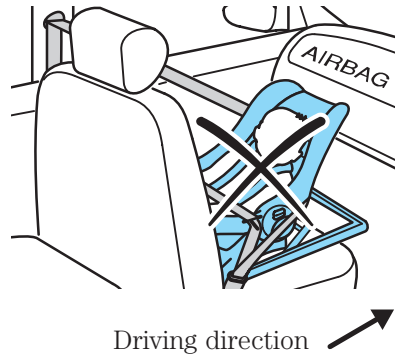
When the ignition switch is turned to position II, the warning light in the instrument cluster illuminates for approximately three seconds to indicate that the system is functional.

If the 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 expert.

Child restraints



Baby safety seat



! Extreme Hazard! Do not use a child restraint on a seat protected by an air bag in front of it!

Original text 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!

There is a risk of death or serious injury when the air bag deploys.

Seating and safety restraints

Whenever installing a child seat/restraint, always read and follow the manufacturer's instructions.



There is a risk of death or serious injury when the manufacturer's instructions are not followed properly or when the child seat/restraint is modified in any way.



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

Children of height 150 cm or under **or** aged 12 years or under should be secured in special restraints for children, such as baby seats, child safety seats or booster cushions. Such equipment must be suitable and government approved (depending on country).

Together with the adult seat belt, these restraints help to provide maximum security for the children.

Note:

- If the vehicle has been involved in an accident, have the child safety seat checked by specially trained technicians as it might be damaged.
- Do not leave unaccompanied children in the child safety seat or in the vehicle.
- When installing a child seat/restraint with the seat belt, always ensure belts fit without slack or twists.

Seating and safety restraints

Placement of child restraints



If your vehicle is equipped with a front passenger air bag, children of height 150 cm or under or aged 12 years and under must only be properly restrained in the rear seat – **never** in the front.

Child restraint positions					
Seating positions	Mass group categories				
	0	0+	I	II	III
	up to 10 kg (about 0-9 months)	up to 13 kg (about 0-2 years)	9-18 kg (about 9 months - 4 years)	15-25 kg (about 3½-12 years)	22-36 kg (about 6-12 years)
	Baby safety seat		Child safety seat	Booster seat/cushion	
Front passenger	X	X	X	X	X
Rear passenger (central position)	U	U	U	U	U
Rear passenger (side positions)	U	U	U	U	U

U = Seat position suitable for universal category restraints approved for use in this mass/age group.

X = Seat position not suitable for children in this mass/age group.



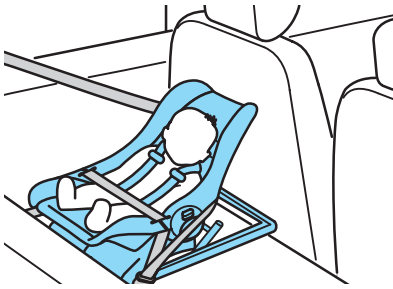
Extreme Hazard! Do not use a rearward facing child restraint on a seat protected by an air bag in front of it!

Seating and safety restraints

Child restraints for different mass groups

The correct restraint to be used depends on the child's age and weight:

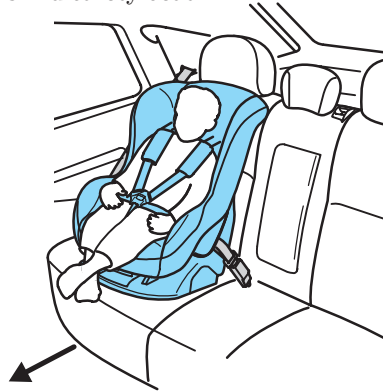
Baby safety seat



Driving direction

- Babies under approximately two years and/or weighing less than 13 kg are best protected if carried properly restrained in rearward facing **baby safety seats** on the rear seat.

Child safety seat

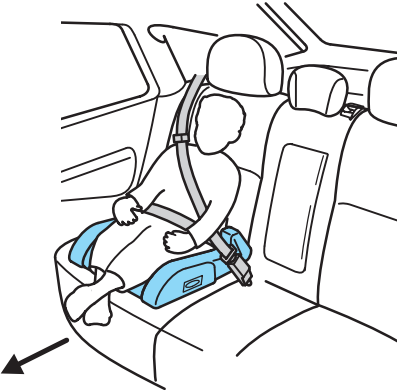


Driving direction

- Children under approximately four years and weighing between 13 and 18 kg should be carried properly restrained in **child safety seats** on the rear seat.

Seating and safety restraints

Booster cushion



Driving direction

- Children between three and a half and twelve years and weighing between 15 and 36 kg should use a **booster cushion** in the rear seat. An adjustable auxiliary belt fixed to the booster cushion ensures optimum routing of the diagonal belt over the shoulder. Make sure that your child sits in an upright position.



Never use a booster seat with only a lap belt.



Never put the shoulder belt under a child's arm or behind the back.



Never use pillows, books, or towels to boost a child.

GENERAL POINTS ON STARTING

Do not operate the starter for longer than 15 seconds at a time or 30 seconds for vehicles with diesel engines. Release the ignition key as soon as the engine has started.

If the engine has not started, return the ignition key/ignition switch to position **0** and repeat the starting procedure.



If the engine does not start, refer to the instructions regarding the fuel injection system shut-off switch on page 115.

Vehicles with a petrol engine

If the battery has been disconnected the vehicle may exhibit some unusual driving characteristics for approximately 5 miles (8 km) after battery reconnection.

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

Engine speed limiter

The engine speed is limited electronically to protect the engine.

STARTING THE ENGINE

Vehicles with a petrol engine

Cold/hot engine

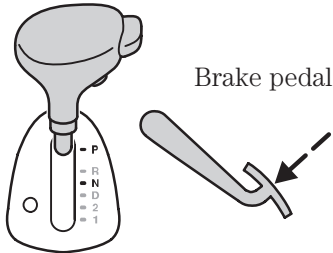
- Depress the clutch pedal fully and start the engine without touching the accelerator.
- If the engine does not start within 15 seconds, wait for a short period and repeat the procedure.
- If the engine does not start after **three** attempts wait 10 seconds and follow the *Flooded engine* procedure.
- If starting difficulty is experienced at temperatures below -25°C , depress the accelerator pedal 1/4 to 1/2 of its travel to assist starting.

Flooded engine

- Depress the clutch pedal fully.
- Slowly depress the accelerator **fully**, hold it in this position and start the engine.
- If the engine does not start repeat the *Cold/hot engine* procedure.

Starting

Vehicles with automatic transmission



The engine can be started only with the selector lever in the **N** or **P** position.

Your vehicle is fitted with an additional selector lever locking device which operates when the selector lever is in the park position.

After starting the engine, the lever can be moved out of this position only when the **foot brake is depressed** and the **locking button pressed down**.



Apply the handbrake or depress the footbrake before selecting a gear. Failure to do so could result in the vehicle pulling away when you have engaged a gear.

A cold engine runs at a higher idling speed after starting. This causes a strong 'creep' tendency in reverse and all forward gears.

Vehicles with a diesel engine

Cold/hot engine

- Depress the clutch pedal without touching the accelerator.
- Turn the key to position **II** and ensure the glow plug indicator light illuminates.

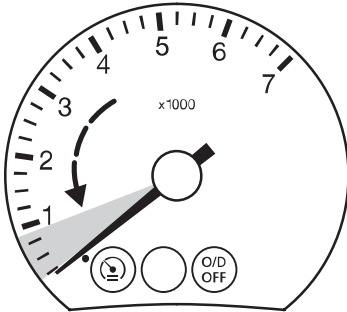
Glow plug indicator light off



- Wait until the light extinguishes before starting and continue cranking without pausing until the engine starts.
- If the engine stalls, repeat the full starting procedure.
- At temperatures below -15°C it may be necessary to operate the starter for up to 30 seconds. If these weather conditions persist, an engine block heater is recommended.

Switching off the engine

First let the speed drop to idle ...



... and never depress the accelerator

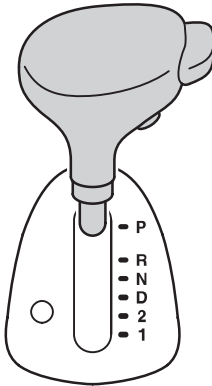
Wait until the engine has reached idle speed, then switch off.

If the engine is switched off at high speed, the turbocharger will continue running after the engine oil pressure has dropped to zero. This will lead to premature turbocharger bearing wear.

Driving

DRIVING WITH AUTOMATIC TRANSMISSION

Moving off

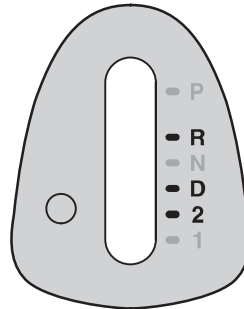


With the engine idling and the brake pedal depressed, move the selector lever to one of the driving positions. Release the brakes. The vehicle will start to move slowly in the selected direction. Depress the accelerator pedal to increase speed.



It is not possible to tow start or push start a vehicle fitted with automatic transmission. Use jump leads attached to a booster battery.

Moving off in sand, mud and snow



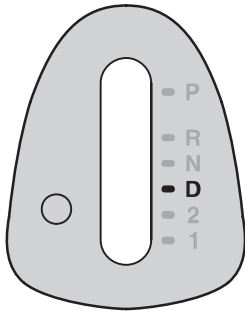
If the driving wheels are stuck, try to rock the vehicle free by driving forwards and backwards. To do this, move the selector lever alternately to **D** and **R** and depress the accelerator as little as possible.

To increase the effect, move the selector lever to **R** while the vehicle is still moving forward and vice versa.

To avoid excessive wear on the transmission when shifting between forward and reverse (rocking) keep the engine speed as low as possible.

As an exception, position **2** may be used for initial drive-off on icy or snowy road surfaces.

Downshift (Kickdown)

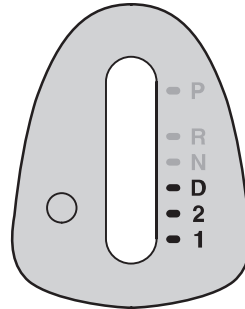


The automatic transmission can be made to provide increased torque for steep gradients or for overtaking. To achieve this kickdown effect, depress the accelerator pedal fully and hold it down in the selector lever position **D**.

The transmission will change into the next higher gear when the maximum engine speed has been reached.

Manual gear changes

Moving off



Select position **1**, release the handbrake and depress the accelerator pedal. Move the selector lever to position **2** and **D** as the road speed increases.

Changing down

If the selector lever is moved from position **D** to position **2** while driving, the automatic transmission will change down to second gear once the speed drops below 70 mph (110 km/h) and remain in this gear. If the selector lever is moved to position **1**, the automatic transmission remains in second gear until the speed drops to 28 mph (45 km/h). It will then change down to first gear and stay in this gear. Change down on downhill gradients, long uphill gradients and twisty roads.

Driving

Stopping

Release the accelerator pedal and depress the footbrake. Leave the selector lever where it is. To move off again release the footbrake.

REFUELLING

Filling up

Refer also to section *Fuel* in the chapter *Capacities and specifications*.



To avoid fuel spillage that could be hazardous to other road users, always 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.



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

Incorrect fuel



If you fill your vehicle with incorrect fuel or additives, **do not attempt to start the engine**. This may lead to engine damage.

Driving with a catalytic converter


- Avoid running out of fuel.
- Avoid unnecessarily long engine cranking periods.
- Do not run the engine with a disconnected spark plug.
- Do not push-start or tow-start the vehicle with the engine at operating temperature; use jump leads.
- Never switch off the ignition while driving.

Parking



It is important to avoid parking, idling or operating the vehicle on dry leaves or dry grass. Even when the engine is switched off, the exhaust will continue to radiate a considerable amount of heat for a short period creating a potential fire hazard.

TRAILER TOWING

 If your vehicle has a detachable towball arm, always remove it when driving without a trailer.


The maximum vehicle and trailer payloads represent technically binding values for gradients up to 12 % and at an altitude of 1,000 metres above sea level.

In high altitude regions, thinner atmosphere can reduce engine performance so the following restrictions will apply:

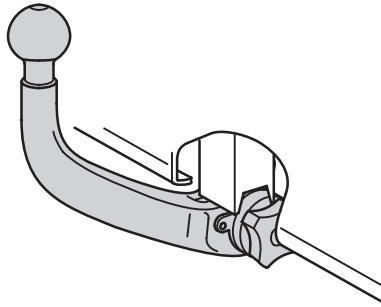
Above 1,000 metres the stipulated maximum permitted gross train weight must be reduced by 10 % for every 1,000 metres in altitude.


Steep gradients

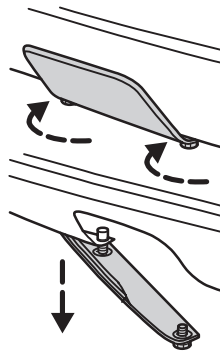
Change down in plenty of time before downhill gradients. Remember the limited effect of the trailer brakes. Only use the foot brake in short intervals to avoid overheating the brakes. If you have automatic transmission, move the selector lever to position **1** when going up or down steep hills.

 The overrun brake on a trailer is not controlled by the anti-lock braking system.

Detachable towball arm



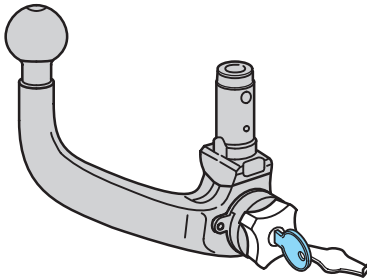
 Never leave the detached towball arm unsecured inside the vehicle. This would increase the risk of injury in an accident.



To mount the towball arm, remove the cover (3- and 5-door models only) located in the apron beneath the rear bumper. Remove both screws and the cover carefully.

Driving

The screws for the cover should be lubricated before and after the winter season.



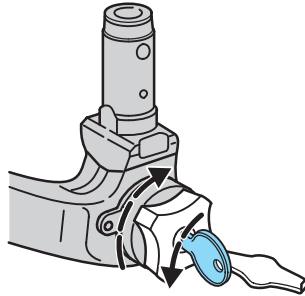
When not in use the towball arm should always be carried securely fastened in the luggage compartment.

The towball arm may be inserted only when the mechanism is unlocked correctly.



Special care should be taken when fitting the towball arm, as the safety of the vehicle and the trailer depends on this.

Unlocking the towball arm mechanism



- Remove the protecting cap. Insert the key and turn anticlockwise to unlock.
- Pull the handwheel out and turn it clockwise until it clicks.
- The red mark on the handwheel must align with the white mark on the towball.
- Release the handwheel. The towball arm is unlocked.

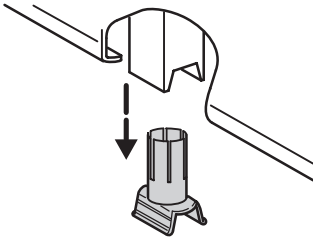


Do not use any tools for mounting/dismounting the towball arm. Do not modify the trailer coupling. Do not disassemble/repair the towball arm.

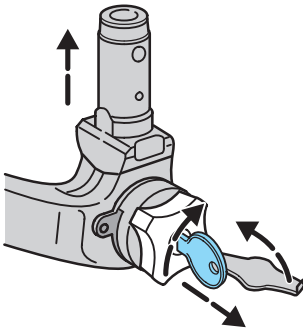
Inserting the towball arm



The towball arm may only be inserted when completely unlocked.



- Pull out the plug.

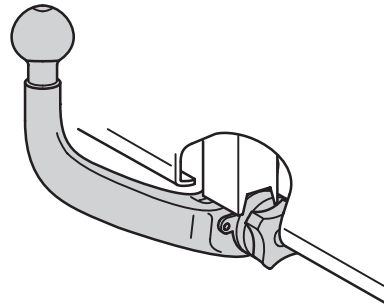


- Insert the towball arm vertically and press it upwards until it engages. (Do not hold your hand near the handwheel.)
- The towball arm locks automatically. The green area must align with the white mark.

- To lock: Turn the key in a clockwise direction and remove the key.
- Cover the lock with the protective cap.

Driving with a trailer

Before starting your journey, ensure the towball arm is properly locked. Check:



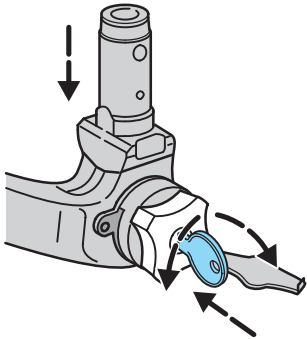
- The alignment of the green area with the white mark.
- The handwheel is correctly fitted to the towball arm.
- The key has been removed.
- Secure positioning of the towball arm. (Must remain perfectly in place when jerked.)



If any of the above conditions cannot be met, do not use the tow bar and have it inspected by a dealer.

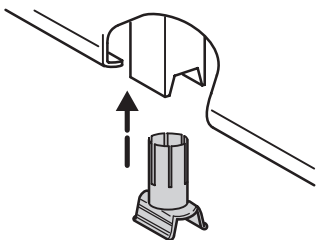
Driving

Removing the towball arm

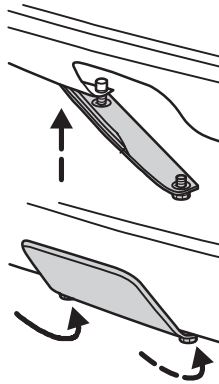


- Unhitch the trailer.
- Remove the protecting cap. Insert the key and unlock in an anticlockwise direction.
- Hold the towball arm. Pull the handwheel out, turn it clockwise until it clicks and remove the towball arm.
- Release the handwheel.

When unlocked in this way, the towball arm can be reinserted at any time.



- Insert the plug into its seat.



- Reinstall the cover (3- and 5-door models only) and the two screws in the apron beneath the rear bumper.
- If the system is not used for a prolonged period, set the assembly to its locked position: Press the release lever forwards.



To avoid risk of injury, never unlock the towball arm with the trailer attached.

Maintenance

Keep the system clean. Periodically lubricate bearings, sliding surfaces, and locking balls with resin-free grease or oil and the lock with graphite.

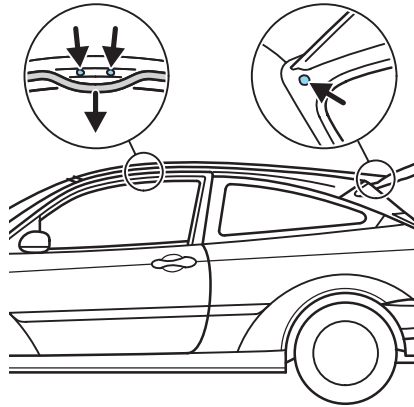
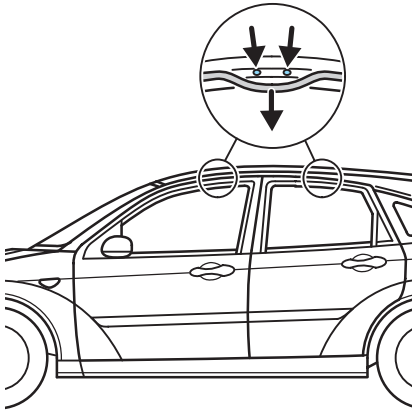


Remove the towball arm and protect the seat with the plug before steam cleaning your vehicle.

Keep a note of the key number.

ROOF RACK

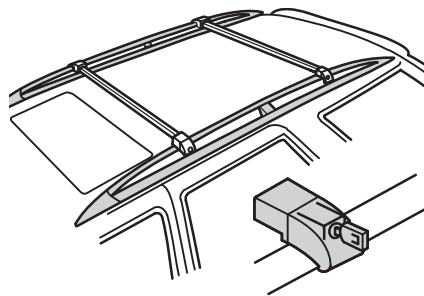
3-, 4- and 5-door



When the roof rack is removed from the vehicle, reinsert the plugs into the fixing points.

Pull back the rubber sealing from the roof flange to locate the retaining points for the roof rack which are positioned centrally above the doors. (On 3-door variants, the rear retaining points are positioned near the tailgate.) Remove the screw plugs.

Estate with integral roof rack

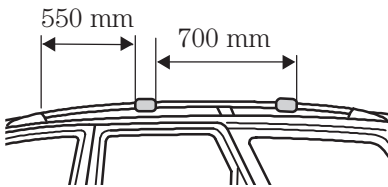


The side mounting rails are designed such that racks (for bicycles, skis etc.) from the Ford accessories range can be fitted.

Driving

The maximum permissible roof rack load is 100 kg.

Loads should be **evenly distributed** on the cross rails and/or the side rails. Never place any loads directly onto the roof surface.



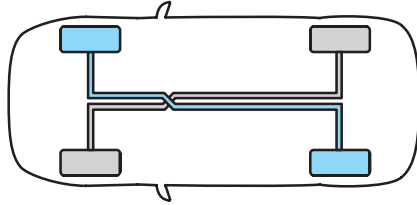
Note: Lockable cross rails with fitting key from the Ford accessories range can be obtained from your Ford Dealer.

Take care not to install the cross rails over the rear area of the sunroof in such a way that it would restrict the tilting mechanism.

To minimise wind noise, the two cross rails can be fitted 30 cm apart or be completely removed when they are not in use.

BRAKES

Dual circuit braking system

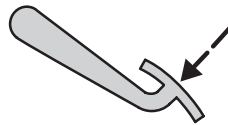


Your vehicle is equipped with a diagonally split dual circuit braking system. If one of the brake circuits fails, the other remains operative.



If a brake circuit fails, you will at first experience a softer feel to the brake pedal. You will then need to exert a greater force on the brake pedal and make allowance for increased stopping distances. Have the braking system checked by an expert immediately.

Disc brakes




Wet brake discs result in reduced braking efficiency.

After leaving a carwash, dab the brake pedal while driving to remove the film of water.

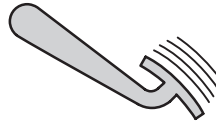
Brake system warning light




The Brake system warning light remains illuminated when the handbrake is engaged.

 If it illuminates after releasing the handbrake or when driving, have the braking system checked by an expert immediately.

Anti-lock Braking System (ABS)



The ABS operates only when the wheels are about to lock. Its operation is indicated by a pulsing of the brake pedal and full steering control is retained. **Do not release the pedal whilst braking.**

 Although the ABS ensures optimum braking efficiency, stopping distances can vary greatly depending on the road surface and conditions. Use of the ABS cannot eliminate the dangers inherent in driving too close to the vehicle in front of you, aquaplaning, excessive cornering speed or poor road surfaces.

Driving

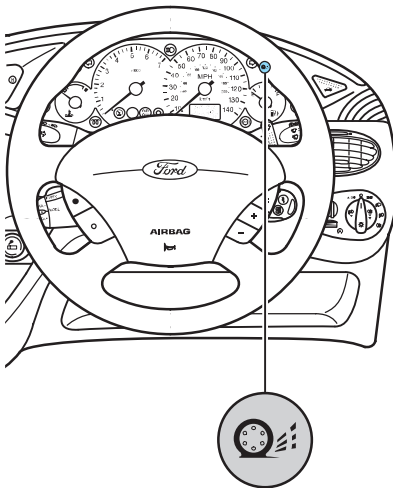
TRACTION CONTROL SYSTEM (TCS)/ELECTRONIC STABILITY PROGRAM (ESP)

Traction control system



Drivers should never take unnecessary risks even though the Traction Control System offers inherently safer driving potential.

Principle of operation



BTCS/TCS indicator light

The Traction Control System reduces wheel spin at the driven wheels.

The system may become active when accelerating on a slippery road or loose surface, or when pulling away on a hill.

Two different types of Traction Control System are available with this model range.

Brake Traction Control System (BTCS) (1.4 | Zetec-SE and diesel engines)

This system minimises cross-axle wheel slip to enhance traction at lower speeds.

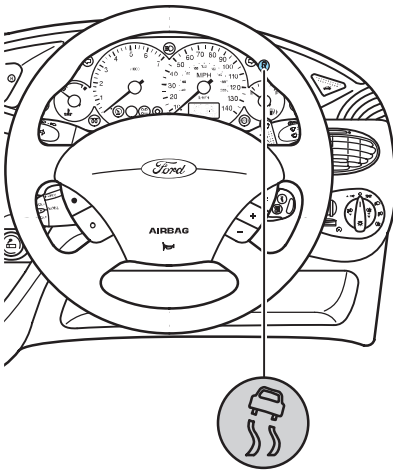
Traction Control System (TCS) (1.6 | Zetec-SE, 1.8 | Zetec-E, 2.0 | Zetec-E and 2.0 | Duratec-ST engines)

This system controls wheel slip on the drive axle by a combination of engine torque reduction and brake control (BTCS) to enhance vehicle stability, steerability and traction at all vehicle speeds.

Electronic Stability Program (ESP)



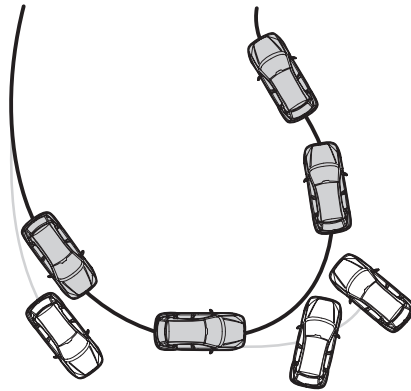
Drivers should never take unnecessary risks even though the Electronic Stability Program system offers inherently safer driving potential.



ESP indicator light

Principle of operation

The Electronic Stability Program (ESP) system helps the driver to maintain the stability and steerability of the vehicle. The system integrates the anti-lock braking (ABS) and Traction Control (TCS) systems with a yaw reduction feature to further enhance the stability of the vehicle.



with ESP



without ESP

ESP constantly monitors the vehicle motion relative to the driver's intended course. This is done by using added sensors that compare the steering inputs from the driver with the actual motion of the vehicle. When the system detects a discrepancy, ESP changes the force at each tyre to help correct it.

Driving

If the vehicle begins to rotate excessively left or right, spin out, or slide sideways, the system will attempt to correct the excessive motion. If the vehicle does not respond to steering inputs, the system will attempt to alter the turning response of the vehicle.

ESP does not work when the vehicle is travelling backwards. In reverse, the ABS and TCS systems will continue to function.

Driving with TCS/ESP



BTCS/TCS indicator light



ESP indicator light

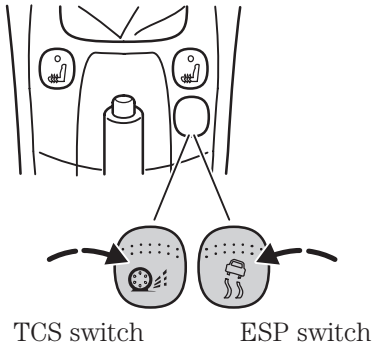
While driving, the indicator light flashes during activation of the system (excluding BTCS).

If the indicator light does not illuminate when the ignition is switched on or if it illuminates continuously while driving, it indicates a malfunction. During a malfunction, the system switches off. Have the system checked by an expert.

Note: If the system is switched off manually by pressing the Traction Control System (TCS)/Electronic Stability Program (ESP) switch, the indicator light illuminates and remains on until the system is either switched back on or the ignition is switched off.

Switching off the Traction Control System (TCS)/ Electronic Stability Program (ESP)

If you are driving with snow chains or a spare wheel fitted, or if you are 'rocking' out of snow, it is recommended that you switch off the system.



The system can be turned off manually by pressing the Traction Control System (TCS)/Electronic Stability Program (ESP) switch.

Note: The Brake Traction Control System (BTCS) cannot be switched off.



BTCS/TCS indicator light



ESP indicator light

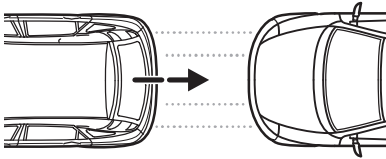
When the system is off, the indicator light illuminates continuously.

Each time the ignition is switched on, the system is automatically selected.


For further details, refer to the sections *Traction Control System (TCS)/Electronic Stability Program (ESP) switch*, *Spare wheel* and *Snow chains*.

Driving

ULTRASONIC PARK DISTANCE SENSOR



The system consists of ultrasonic sensors in the rear bumper, one controller and a speaker. The system measures the distance to the closest obstacle when reversing and helps the driver to judge this distance correctly by audible signals.

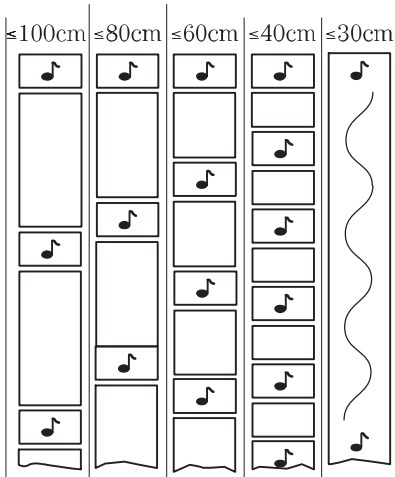
 The park distance sensor is an auxiliary system which is not intended to relieve the driver of his responsibility for exercising due care and attention. In particular, some objects close to the vehicle (approx. 30 cm) and above or below the sensors may not be detected by the park distance sensor and cause damage to the vehicle. Ultrasonic waves, heavy rain and/or conditions causing disruptive reflections may lead to objects not being detected by the sensors. In addition, objects which absorb ultrasonic waves may not always be detected due to their unfavourable surface characteristics.

The system is activated automatically after the ignition is switched on and the reverse gear is selected. A short tone will sound to indicate system readiness.

Driving

A system failure will be indicated by a deep continuous tone or by a deep tone sounding in three-second intervals. In both cases the system is not reliable. Have the system checked by an expert.

Always keep the sensors free from dirt, ice and snow (do not clean with sharp objects).



The measuring range is divided into five warning zones. As the distance to an obstacle reduces, a warning sounds, beginning as a slow beep and increasing to a continuous tone.

Roadside emergencies

HAZARD FLASHER SWITCH



Press the switch to turn on or off. The hazard lights can be operated when the ignition is off.

FAIL SAFE COOLING SYSTEM

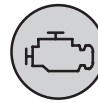
If the engine coolant supply becomes depleted, this feature allows the vehicle to be driven briefly without damage to the engine. This fail safe distance depends on the ambient temperature, vehicle load and terrain.

Principle of operation



If the engine overheats, the temperature gauge will enter the red section and the Multi-function warning light: automatic transmission/cooling system will illuminate.

If the engine temperature continues to rise, the system will alternate fuelling to the engine's cylinders. The disabled cylinders then act as air pumps and help cool the engine.



When this occurs, the Engine warning light also illuminates.

The vehicle will continue to operate but will have limited engine power and no air conditioning capability (if fitted).

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



This is preceded by the Multi-function warning light: automatic transmission/cooling system flashing for 30 seconds.



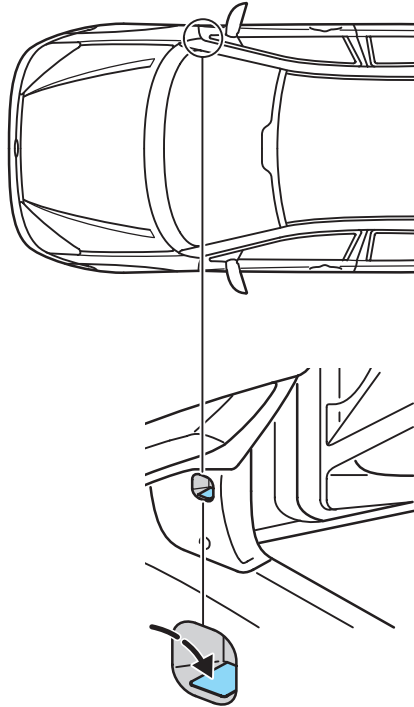
Stop the vehicle as soon as it is safe to do so.

Roadside emergencies

When fail safe mode is activated:

- Stop the vehicle as soon as possible.
- Immediately turn off the engine to prevent severe engine damage.
- Wait for the engine to cool.
- Check the coolant level. Refer to the chapter *Maintenance and care*.
- Have the vehicle checked by an expert immediately.

FUEL INJECTION SYSTEM SHUT-OFF SWITCH (vehicles with a petrol engine)



The fuel supply may be cut off as a result of an accident or sudden vibrations (e.g. collision when parking).

The switch is located in the side panel in front of the right-hand door. The button will be raised when the switch is activated.

Roadside emergencies



Do not reset the fuel pump shut-off switch if you see or smell leaking fuel.

Resetting the switch

- Turn the ignition switch to position **0**.
- Check fuel system for leaks.
- If no fuel leak is apparent, reset the switch by pushing in the button (see illustration).
- Turn the ignition switch to position **II**. After a few seconds return the key to position **I**.
- Make a further check for leaks in the fuel system.

BULB REPLACEMENT

Always switch off lights and ignition before replacing any bulb.

Never touch the glass of the bulbs. Fit only bulbs having a UV filter. Always replace a faulty bulb with a new one of the same type. After replacing the bulb, check that the light operate correctly.



Have the headlight alignment checked by an expert after each replacement of a bulb.



On vehicles fitted with Xenon headlights, have your dealer change the headlight bulbs. There is a risk of injury due to high voltage.

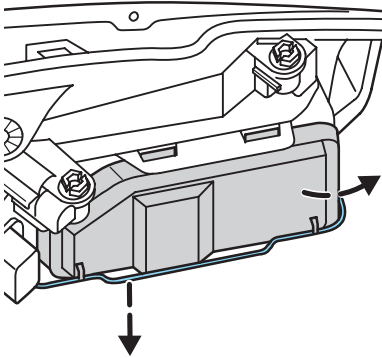
Adjusting Xenon headlights

The headlights can be adjusted for driving on the left or right hand side of the road by an expert.

Roadside emergencies

Headlights, side lights, front direction indicator

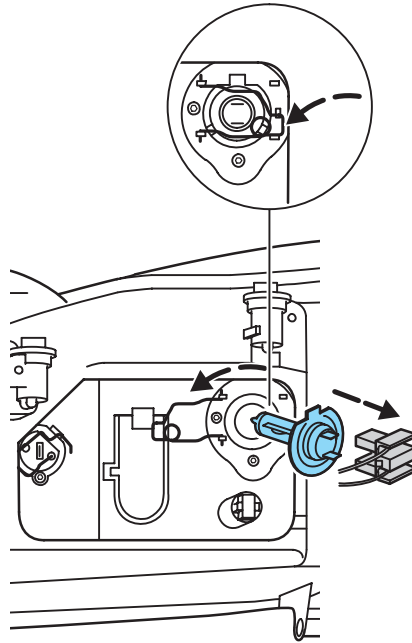
Open the bonnet. On the left side, remove the battery cover to allow better access to the bulbs.



Release the wire clip and remove the lid. When replacing the lid, make sure that the tabs on the lid fit firmly into the slots and that the wire clip is pushed back into place correctly.

Headlights – dipped beam

55 watt H7 halogen bulb



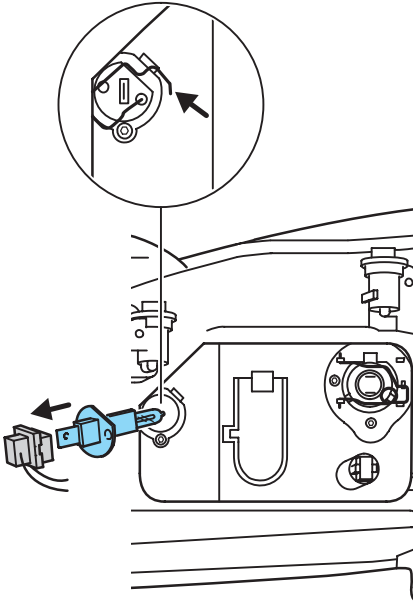
Remove the wiring connector, push on the wire clip and swivel it to the side. Pull out the bulb.

Install in the reverse order.

Roadside emergencies

Headlights – main beam

55 watt H1 halogen bulb

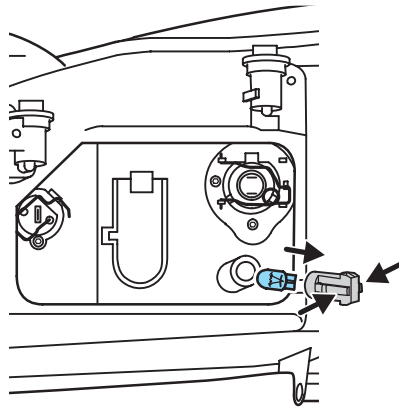


Remove the wiring connector, push on the wire clip and swivel it to the side. On the left side, the bulb is rotated through 180°. Pull out the bulb.

Install in the reverse order.

Side lights

5 watt wedge base bulb



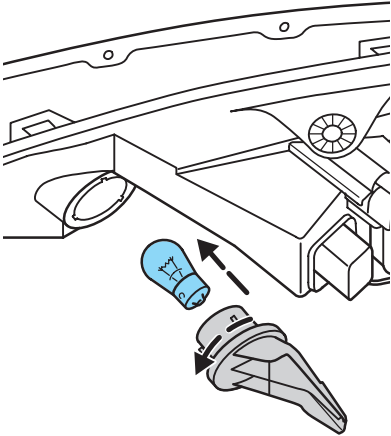
Squeeze the clips on either side of the bulb holder and pull it out. Carefully remove the bulb from the holder.

Install in the reverse order. The clips must be in the horizontal position.

Roadside emergencies

Front direction indicator

21 watt spherical bulb

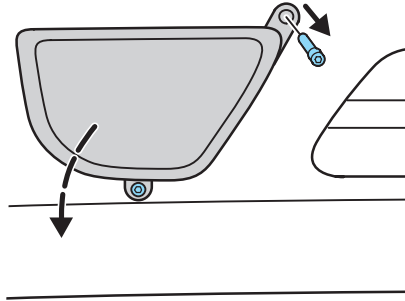


Turn the bulb holder 30 degrees anti-clockwise and pull it out. Gently turn the bulb to the left and remove it.

Install in the reverse order.

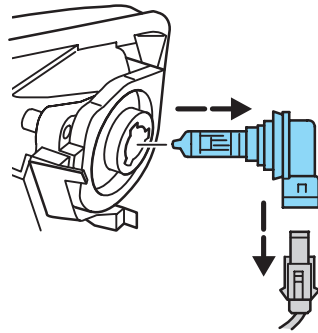
Front fog light

H11, 55 watt halogen bulb



Prise out the fog light bezel.

Loosen the Phillips screw and pull out the light assembly. Turn the bulb assembly a quarter turn anti-clockwise and pull it out.



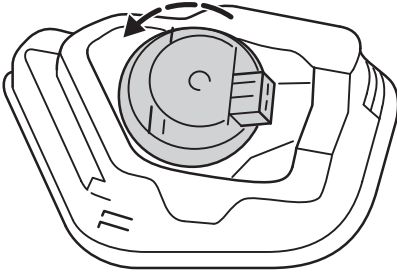
The bulb and assembly is one sealed unit and the complete unit must be replaced.

Install in the reverse order.

Roadside emergencies

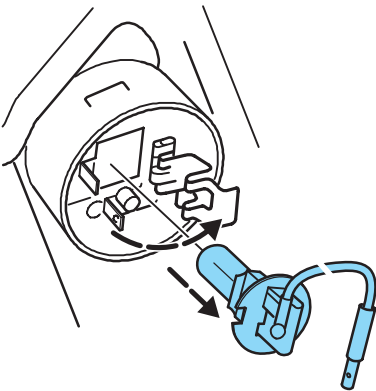
Front fog light (ST170)

H3, 55 watt halogen bulb



To remove the cap, turn anti-clockwise.

If necessary, unclip the spade terminals to remove the cap completely.

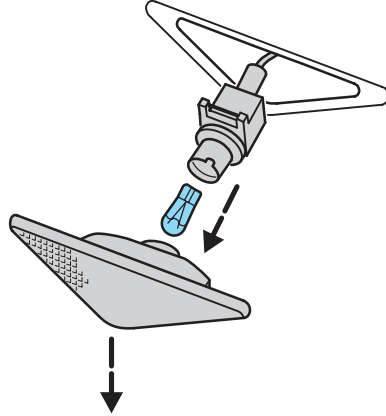


Push the spring clip down and to the side, then lift it upwards. Lift out and replace the bulb.

Install in the reverse order.

Side repeater indicator

5 watt wedge base bulb



Slide the light assembly downwards and pull it out.

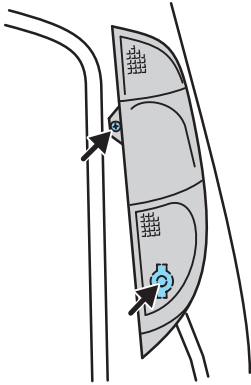
Grasp the bulb holder, turn the light housing anticlockwise and remove it. Pull the bulb out.

Install in the reverse order.

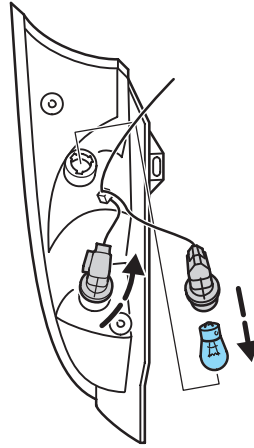
Roadside emergencies

Rear lights (3- and 5-door)

Tail/brake light and direction indicator light



Open the tailgate. From inside the luggage compartment remove the nut on the rear light assembly cover. Remove the screw and gently pull out the light housing.



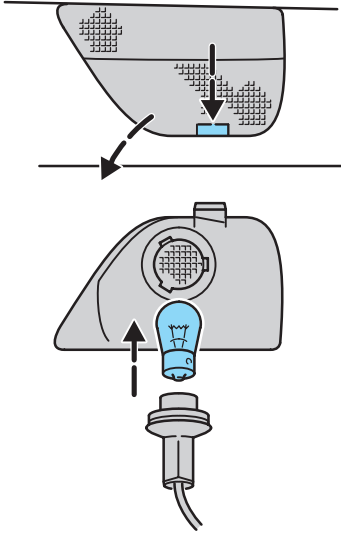
Turn the bulb holder anticlockwise as far as possible and pull it out.

Gently press the bulb into the bulb holder and turn anticlockwise, remove the bulb.

Install in the reverse order.

Roadside emergencies

Reversing light and rear fog light

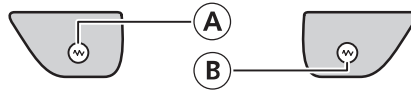


Pull down the clip on the rear of the light housing and press the housing to the outside. Disconnect the wiring connector.

Turn the bulb holder anticlockwise as far as it will go and pull it out.

Gently press the bulb into the bulb holder and turn anticlockwise, remove the bulb.

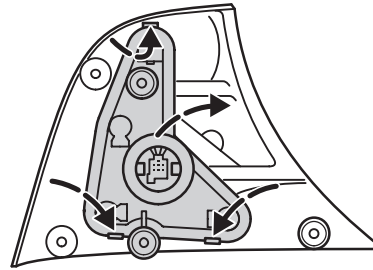
Install in reverse order.



(A) Rear fog light 21 Watt

(B) Reversing light 21 Watt

Rear lights (4-door)



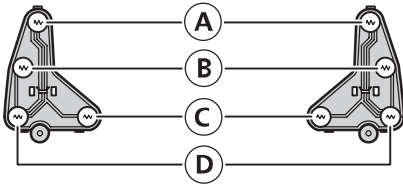
From inside the luggage compartment remove the three wing nuts on the light housing. Gently pull the light housing to the outside.

Lift the clips on the bulb holder and separate the holder from the light housing.

Gently press the bulb into the bulb holder and turn anticlockwise, remove the bulb.

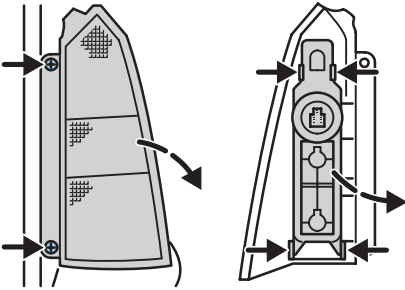
Install in the reverse order.

Roadside emergencies



- (A) Tail/brake light 5/21watt
- (B) Direction indicator 21 Watt
- (C) Reversing light 21 Watt
- (D) Rear fog light 21 Watt

Rear lights (Estate)

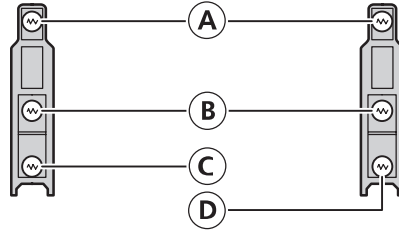


With the tailgate open remove the screws. Gently pull the light housing to the outside.

Press the clips towards each other and separate the holder from the light housing.

Gently press the bulb into the bulb holder and turn anticlockwise, remove the bulb.

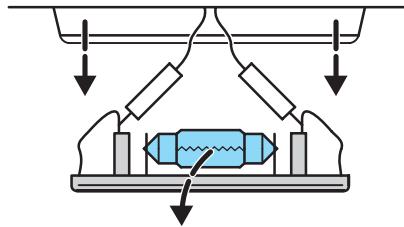
Install in the reverse order.



- (A) Tail/brake light 5/21 watt
- (B) Direction indicator 21 watt
- (C) Rear fog light 21 watt
- (D) Reversing light 21 watt

Number plate light

5 watt festoon bulb



Insert a flat-bladed screwdriver in the recess and prise out the complete light assembly. Pull the bulb out.

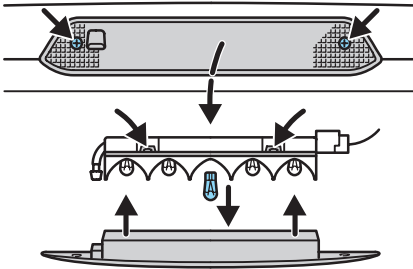
Install in the reverse order.

Roadside emergencies

Additional central brake light

3-/5-door and Estate

5 watt wedge base bulb (5x)



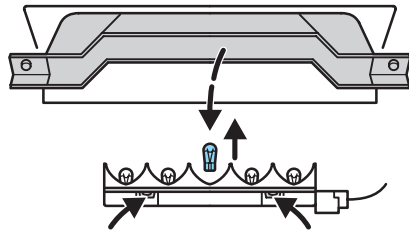
Remove the screws and take out the glass cover.

Unclip the bulb holder from the reflector. Pull the bulb out.

Install in the reverse order.

4-door

5 watt wedge base bulb (5x)



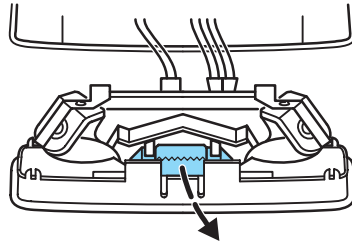
Open the luggage compartment. With a screw driver remove the carpet fixings and trim from the tailgate.

Unclip the bulb holder and release it. Pull the bulb out.

Install in the reverse order.

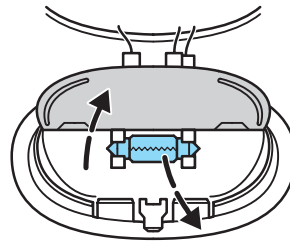
Interior lights

10 watt festoon bulb



Switch off the interior lights (middle switch position). Prise out the light assembly with a flat screw driver at the side opposite the switch.

Front light: replace the bulb.



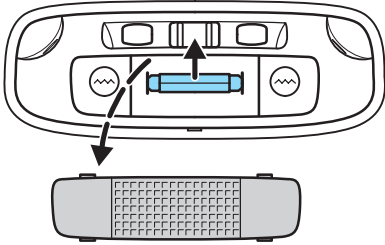
Rear light: remove the reflector and replace the bulb.

Fit new bulb in the reverse order.

Roadside emergencies

Interior light (optional on ST170)

10 watt festoon bulb



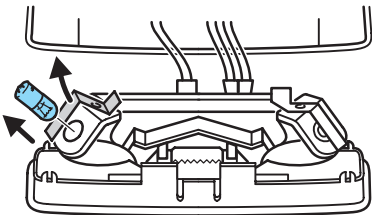
This bulb can be replaced without having to remove the unit from the roof. Make sure the light is in the OFF position.

Insert a flat-bladed screwdriver into the recess between the body of the unit and the lens and gently prize out the lens. Replace the bulb.

Install in the reverse order.

Reading lights

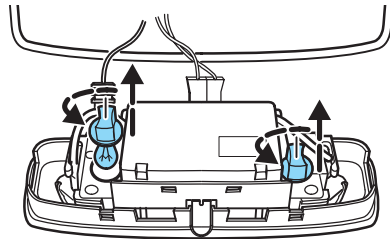
5 watt wedge base bulb



The bulbs can be replaced after the contact plate has been hinged back.

Reading lights (optional on ST170)

6 watt wedge base bulb



Gently prize the unit out of the roof surround using a flat-bladed screwdriver in the recess and release the metal spring clip.

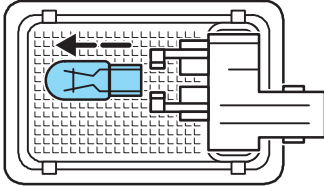
Turn the bulb holders anti-clockwise to remove. Replace the bulb.

Install in the reverse order.

Roadside emergencies

Vanity mirror lights

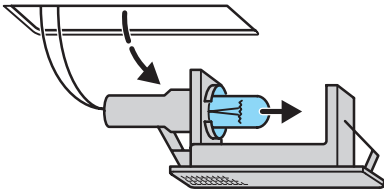
5 watt wedge based bulb



Prise out the assembly with a flat-bladed screwdriver. Remove and replace the bulb. Snap the assembly back into the surround locating edge opposite the switch first.

Luggage compartment light

5 watt wedge base bulb



Carefully prise out the light assembly from the holder with a flat-bladed screwdriver and remove the bulb.

Install in the reverse order.

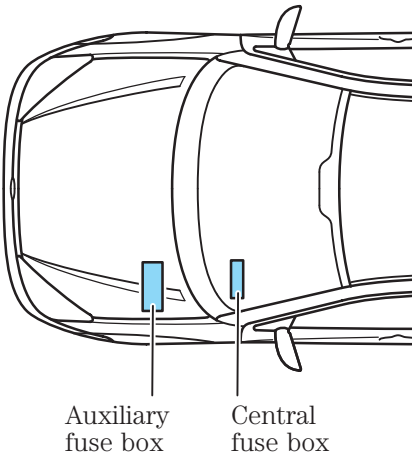
Roadside emergencies

FUSES



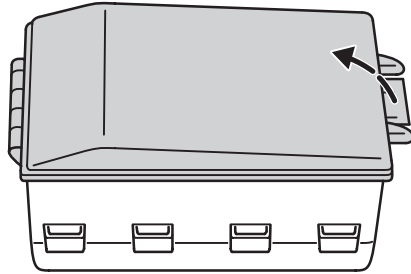
Switch off the ignition and all the electrical equipment before changing a fuse.

Always replace a faulty fuse with a new one of the same rating.



Any improper alterations to the electrical or fuel system can endanger the safety of the vehicle as they could constitute a fire hazard or cause engine damage. Have any work involving these systems or the replacement of relays or high current carrying fuses carried out by experts.

Auxiliary fuse box



This is located on the left-hand side of the engine compartment.

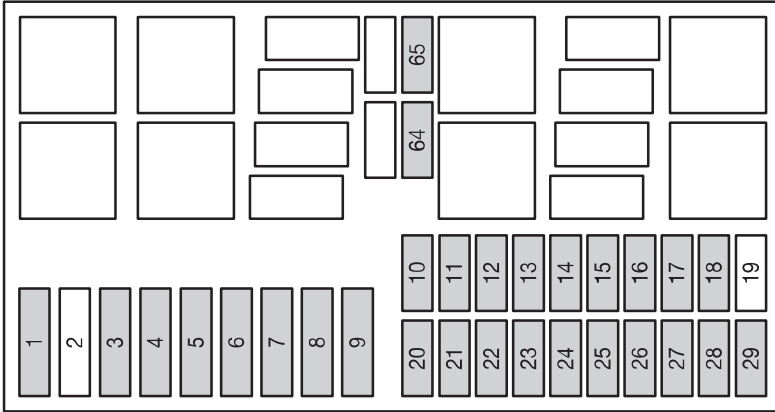
To check or replace a fuse, remove the cover of the fuse box by releasing the catch and lifting up.

Changing a fuse



A fuse puller is located in the lid of the auxiliary fuse box.

Roadside emergencies



Fuses in the auxiliary fuse box (in the engine compartment)			
Fuse	Ampere rating	Colour	Circuits protected
1 ¹	40	orange	Main power supply to electrical system
2	–	–	Not used
3	40	orange	Glow plug heater 2
4 ¹	50	red	Heated front screen
5 ¹	60	blue	Diesel glow plug
6 ¹	30	green	Engine cooling fan (air conditioning)
7 ¹	40	orange	Main power supply to electrical system
8 ¹	30	green	Ignition
9 ¹	20	yellow	Engine management
10	1	black	Battery voltage sensor
11	30	green	ABS pump
12	15	blue	Fuel pump, diesel injection pump
13	30	green	Headlight washer system
14	10	red	Daytime running lights (parking lights)
15	10	red	A/C clutch solenoid
16	15	blue	Dipped beam left-hand side
17	15	blue	Dipped beam right-hand side

¹ The replacement of these fuses requires specialist knowledge.

Roadside emergencies

Fuses in the auxiliary fuse box (in the engine compartment)			
Fuse	Ampere rating	Colour	Circuits protected
18	10	red	H02S sensor transmitter (catalytic converter)
19	–	–	Not used
20	10	red	Engine management
21	20	yellow	ABS valves
22	20	yellow	Daytime running lights (Xenon headlights only)
23	20	yellow	Auxiliary heater (diesel engine), power supply for battery backup sounder (ST170 only)
24	30	green	Glow plug heater 1, subwoofer (ST170 only)
25	15	blue	Daytime running lights (conventional headlights only)
26	10	red	Main beam left-hand side
27	10	red	Main beam right-hand side
28	10	red	Heated front screen, diesel fuel fired heater, diesel engine
29	30	green	Engine cooling fan (air conditioning)
64	30	green	Heater blower motor
65	30	green	Engine cooling fan

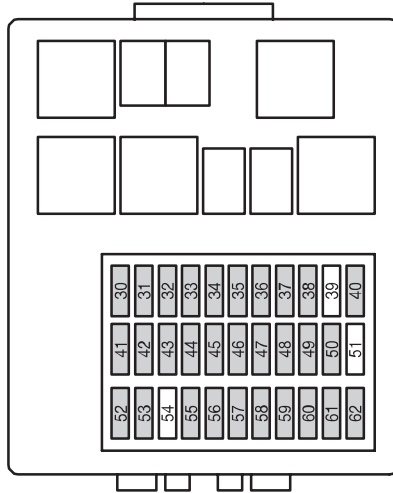
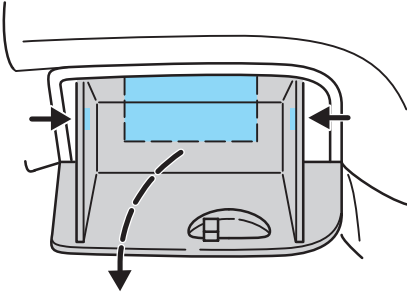
¹ The replacement of these fuses requires specialist knowledge.

Roadside emergencies

Central fuse box

This is located on the left-hand side underneath the instrument panel.

Open the glove compartment. Push in both sides of the glove compartment and swivel it down completely.



Roadside emergencies

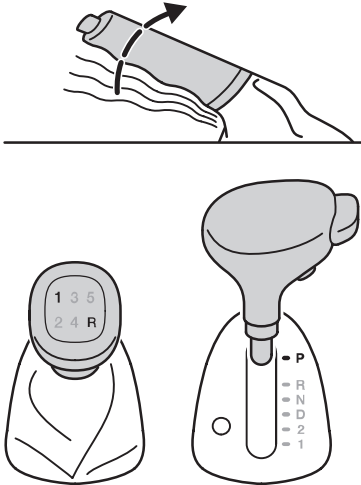
Central fuse box			
Fuse	Ampere rating	Colour	Circuits protected
30	10	red	Light switch
31	15	blue	Radio
32	15	blue	Direction indicator (GEM)
33	20	yellow	Horn, power seat
34	20	yellow	Power sunroof
35	7.5	brown	Interior lights, power mirrors
36	7.5	brown	Electronic modules, instrument cluster
37	25	white	Power windows, central global closing (left-hand side)
38	25	white	Power windows, central global closing (right-hand side)
39	–	–	Not used
40	10	red	Reversing light
41	7.5	brown	Radio (accessory)
42	15	blue	Brake lights
43	15	blue	Power windows, rear screen wiper
44	20	yellow	Front and rear fog lights
45	7.5	brown	Air conditioning, recirculated air
46	7.5	brown	ABS module
47	15	blue	Cigar lighter, centre power point
48	10	red	Data link connector
49	25	white	Heated rear screen
50	7.5	brown	Heated mirrors


Roadside emergencies


Central fuse box			
Fuse	Ampere rating	Colour	Circuits protected
51	–	–	Not used
52	15	blue	Heated front seats
53	10	red	Reversing light, heated washer jets
54	–	–	Not used
55	25	white	Front power windows
56	20	yellow	Front screen wiper
57	7.5	brown	Side lights right-hand side
58	7.5	brown	Side lights left-hand side
59	10	red	Light switch
60	7.5	brown	Air bag module
61	7.5	brown	Electronic modules, instrument cluster
62	7.5	brown	Number plate lights
63	20	yellow	Central locking (on the rear side of the fuse box)

Roadside emergencies


CHANGING A WHEEL



 The vehicle jack must only be used to carry out wheel changes. Do not work under the vehicle when it is supported only by the jack.

 If your vehicle is fitted with directional tyres, make sure that the arrows on the tyres point in the direction of rotation when the vehicle is moving forwards. The arrows on both tyre sidewalls indicate the direction of rotation.

If a spare wheel has to be fitted with the arrows pointing in the opposite direction to the direction of rotation, have the tyre re-mounted in the correct direction by an expert as soon as possible.

-  • Park your vehicle in such a position that neither the traffic nor you are hindered or endangered when changing a wheel.
- Set up a warning triangle.
 - Ensure that the vehicle is on firm, level ground.
 - If necessary, secure the vehicle with suitable chocks.
 - Point the front wheels straight ahead.
 - Switch off the ignition, apply the handbrake and select first or reverse gear. If the vehicle has an automatic transmission, select the **P** position.

Roadside emergencies

Spare wheel



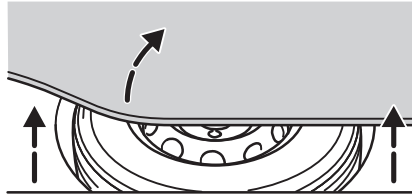
Use only approved wheel and tyre sizes. Using other sizes could damage the vehicle and will make the National Type Approval of the vehicle invalid.



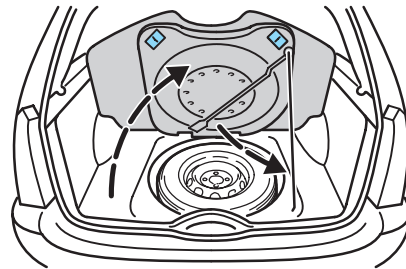
If the spare wheel differs from the other fitted wheels, these rules must be followed:

- Do not exceed 50 mph (80 km/h).
- Drive the shortest possible distances.
- Do not fit more than one spare wheel on your vehicle at any one time.
- Do not use snow chains on this type of wheel.
- Do not drive through an automatic car wash.
- Vehicles with Traction Control System (TCS)/ Electronic Stability Program (ESP) may exhibit some unusual driving characteristics. Switch the ESP off. Refer to the section *Traction Control System (TCS)/ Electronic Stability Program (ESP)*.

The spare wheel is located under the floor cover in the luggage compartment.



- Raise the rear of the floor cover in the luggage compartment and remove it.



- On the estate, turn the locking handles to the  position. Lift the rear of the cover panel, pull out the support strut from underneath the panel and secure it in the retainer on the floor panel.


Roadside emergencies



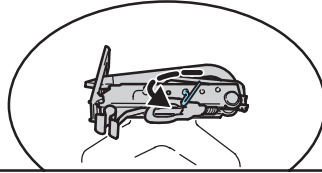
3-, 4- and 5-door



Estate

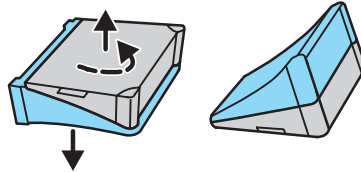
- Completely unscrew the bolt anticlockwise.
- Lift out the spare wheel.
- Remove the jack (and wheel chock, if equipped) located beneath the spare wheel.
- Install the defective wheel in the reverse order.
- On the estate, ensure both locking handles in the cover panel are engaged in the floor brackets and are in the  position.

Vehicle jack



The jack and wheelbrace are located in the spare wheel well. Unscrew the retaining bolt by turning anticlockwise and remove the jack with the wheelbrace.

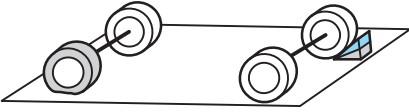
Wheel chock (Estate with increased loading capacity)



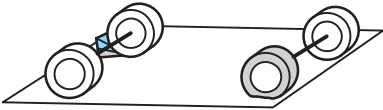
Pull the two halves of the chock apart, and twist 180 degrees.

When changing a wheel, always secure the diagonally opposite wheel with an appropriate block or wheel chock.

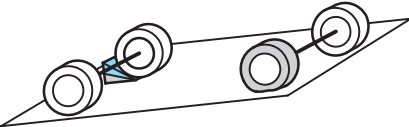
Roadside emergencies



- When jacking the **front** of the vehicle on a **flat surface**, wedge the chock between the ground and tyre of the diagonally opposite **rear** wheel, so that the chock is under the rear of the wheel.



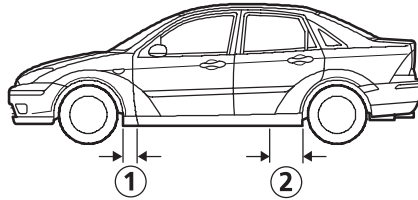
- When jacking the **rear** of the vehicle on a **flat surface**, wedge the chock between the ground and tyre of the diagonally opposite front wheel, so that the chock is under the **front** of the wheel.



- If parking on a **slope** is unavoidable, wedge the chock between the ground and the tyre of the diagonally opposite wheel, so the chock is under the **downhill side** of the wheel.

Jacking points

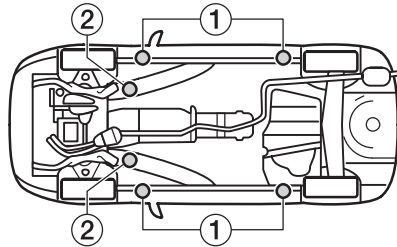
The jack must only be used on the jacking points specified below.



The front jacking points are located 15 cm from the front end of the sill ①.

The rear jacking points are located 38 cm from the rear end of the sill ②.

Additional jacking points



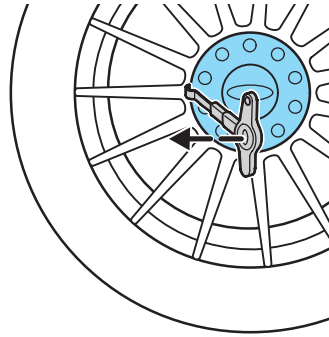
Points ① and ② can be used for trolley jacks, workshop hoists or jack stands.

Positioning at other points may cause considerable damage to the body, steering, suspension, engine, braking system and fuel lines.

Roadside emergencies

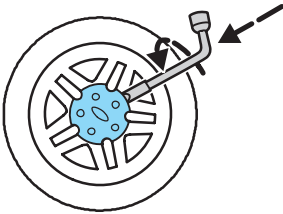
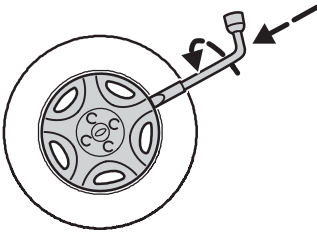
Removing a wheel

- Point the front wheels straight ahead.
- Switch off the ignition.
- Apply the handbrake and select reverse or first gear. If the vehicle has an automatic transmission select the **P** position.
- Have the passengers leave the vehicle.
- If necessary, secure the vehicle against rolling or sliding by using suitable wheel chocks.



ST170

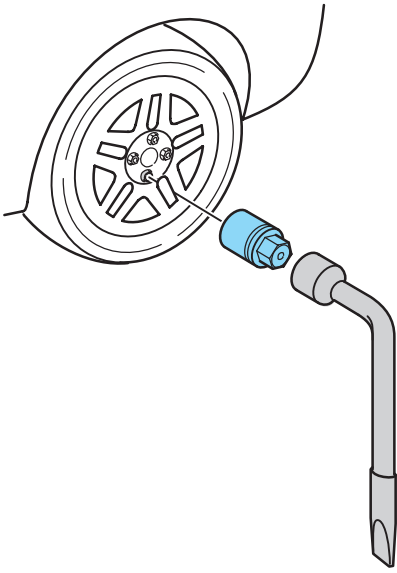
- On ST170 vehicles, use the special tool provided to lever between the wheel cap rim and the wheel at various points around its circumference.




Standard

- Insert the flat end of the wheelbrace between the rim and the hub cover and twist carefully to remove the cover.

Roadside emergencies




- Insert the nut key onto the locking nut (if equipped).
- Slacken the wheel nuts.
- Place the jack with the whole foot area on firm ground.

 The jack must be applied vertically to the jacking point.

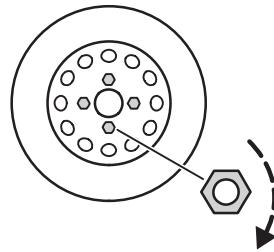
- Jack up the vehicle until the wheel is clear of the ground.
- Unscrew and remove the wheel nuts and take off the wheel.

Replacement locks and wheel nuts can be obtained using the wheel nut reference number certificate (if equipped).

Fitting a wheel

 Alloy wheels must **never** be secured using wheel nuts for steel wheels.

- Push the wheel onto the wheel studs. Screw on the wheel nuts and secure in a clockwise direction ensuring that the tapered end of the wheel nuts is facing the wheel. The wheel nuts of alloy wheels can also be used for the steel spare wheel.
- Lower the vehicle and remove the jack.
- Insert the nut key onto the locking nut (if equipped).



- Fully tighten the wheel nuts in a diagonal pattern.

Roadside emergencies

- Press on the hub cap firmly with the ball of the hand.
- Stow the locking nut key in a safe place.
- Stow the jack and defective wheel in reverse order and secure them.

Have the tightening torque of the wheel nuts and the tyre pressure checked as soon as possible.

BATTERY

Maintenance

The battery requires very little maintenance. The fluid level is checked during the routine service inspections.

Removal and installation

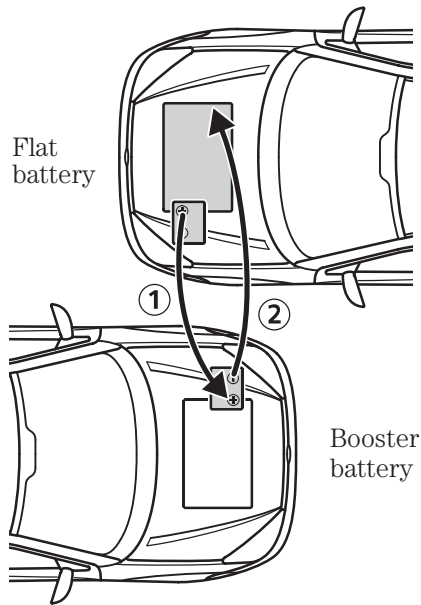
If the battery has been disconnected the vehicle may exhibit some unusual driving characteristics for approximately 8 km after battery reconnection while the engine management system realigns itself with the engine.

Procedure when starting the engine with jump leads

Connect batteries with only the same nominal voltage (12 volts). Use jump leads with insulated clamps and adequate size cable. Do not disconnect the battery from the vehicle's electrical system.

Roadside emergencies

To connect the leads



- Position the vehicles so that they do not touch one another.
- Switch off the engine and any electrical equipment.
- Connect the positive (+) terminal of the flat battery to the positive (+) terminal of the booster battery.

- Connect one end of the second lead to the negative (-) terminal of the booster battery and the other end as far away from the battery as possible to the engine block or the engine mount of the engine to be started. **Do not connect to the negative (-) terminal of the flat battery.**

- Make sure that the jump leads are clear of any moving parts.

To start the engine

- Run the engine of the vehicle with the booster battery at moderately high speed.
- Start the engine of the vehicle with the flat battery.
- Run both vehicles for a further three minutes before disconnecting the leads.
- Disconnect the leads in the reverse order.




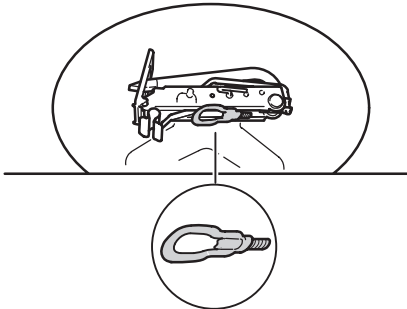
Do not switch on the headlights when disconnecting the leads. The peak voltage could blow the bulbs.

Roadside emergencies

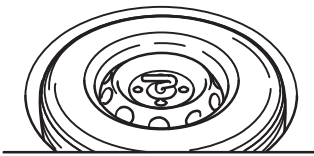
TOWING THE VEHICLE

The screw-in towing eye is stored under the carpet in the luggage compartment, and must **always** be carried in the vehicle.

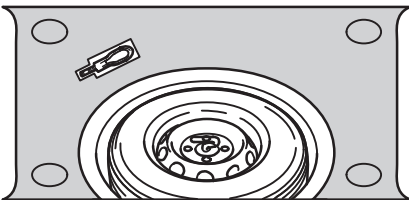
 The towing eye has a **left-hand thread**. Install it by turning **anticlockwise**. Use the wheelbrace to ensure the towing eye is fully tightened.



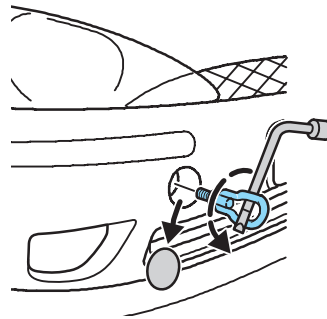
4-door, ST170 and 3-/5-door
with temporary spare wheel



Estate

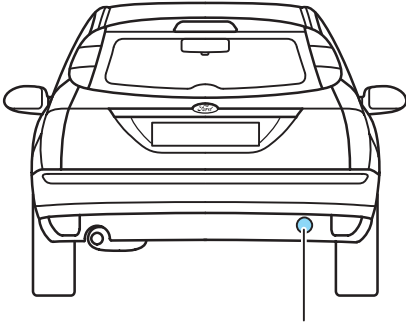


3-/5-door



Pry off the cover in the bumper with a flat-bladed screwdriver and install the towing eye.

Roadside emergencies



Mount for rear towing eye

When towing always drive off slowly and smoothly without jerking the towing vehicle. Excessive tow rope tension could result in damage to either vehicle.



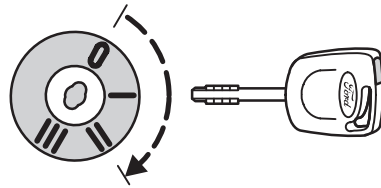
The ignition key must be set to position **II** when the vehicle is being towed so that the steering, direction indicator lights and brake lights are fully operational. Since the brake servo and the power steering do not operate with the engine switched off, you will need to exert greater force to the brake pedal and steering wheel. Make allowances for the increased braking distance and heavier steering.

Starting manual transmission vehicles by towing or pushing



To prevent damage to the catalytic converter you must **not** push or tow start your vehicle when the engine is at **operating temperature**. Use jump leads and a booster battery.

It is possible to start the **cold** engine by towing or pushing the vehicle.



- Turn the ignition key to position **II**.
- Depress the accelerator pedal.
- Depress the clutch pedal and select third gear.
- Have the vehicle towed or pushed and release the clutch pedal slowly.

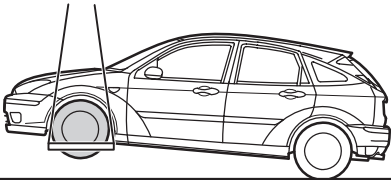
It may be difficult to start a cold diesel engine by pushing or towing the vehicle, as the cold starting system cannot be activated if the battery is flat.

Roadside emergencies

Towing vehicles with automatic transmission

When a vehicle with an automatic transmission is towed, the selector lever must be in position **N** (neutral).

⚠ Never tow a vehicle with automatic transmission faster than 30 mph (50 km/h) or further than 30 miles (50 kilometres).



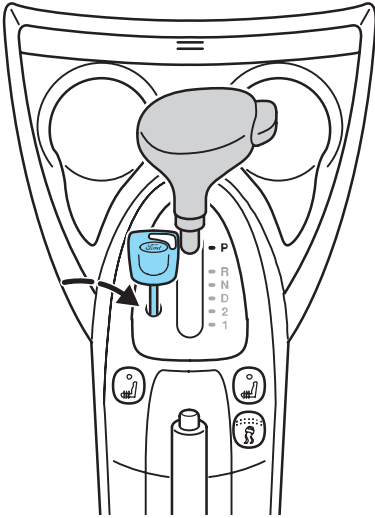
If it is necessary to tow the vehicle a greater distance, the drive wheels must be lifted clear off the ground. The towed vehicle must face forwards when being towed.

⚠ Never tow a vehicle backwards with the drive wheels turning. If this instruction is not adhered to, it could cause damage to the automatic transmission.


Push or tow starting is not possible on a vehicle fitted with automatic transmission. Use jump leads.

Roadside emergencies

Emergency park position release lever (Automatic transmission)



With the key (or similar object) push down the locking lever in the slot beneath the cover and simultaneously move the selector lever out of the **P** position.

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

A mechanical emergency release lever is provided to enable the selector lever to be moved out of the park position **P** in the event of a discharged battery or electrical failure.

Remove the cover in the centre console next to the selector lever with a flat-bladed screwdriver (or similar object).

Maintenance and care

SERVICING

- Check and top up fluid levels regularly.
- Check tyre pressure.
- Check brakes and lights are operating correctly.
- Check warning lights.



The electronic ignition system works with high voltage. Never touch these components with the engine running or the ignition switched on.



The ignition must be switched off before working in the engine compartment. Under some operating conditions, the cooling system fan may continue to run for several minutes after the engine has been switched off. This is quite normal. Take care not to get any fingers or clothing such as ties or scarves caught in the fan.

Maintenance chart

Every day check:

- Operation of all exterior and interior lights and make sure that all lenses are clean.

When refuelling check:

- Engine oil level
- Brake fluid level
- Screen washer fluid level
- Tyre pressures and condition (only when cold)

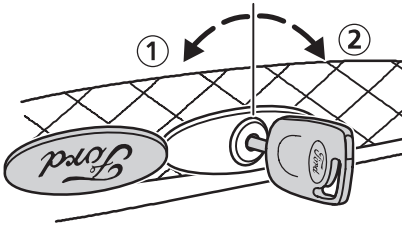
Once a month check:

- Coolant level (engine cold)
- Assemblies, pipes, hoses and reservoirs for leaks
- Power steering fluid level
- Operation of air conditioning
- Operation of handbrake
- Operation of horn

Note: The air conditioning should be used for at least 30 minutes per month.

Maintenance and care

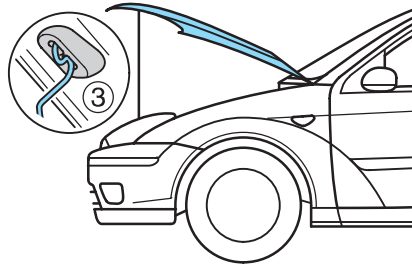
Opening the bonnet



- Swivel the Ford badge in the radiator grille to the side and turn the key first anticlockwise ①. Raise the bonnet slightly and turn the key fully clockwise ② to open the bonnet.

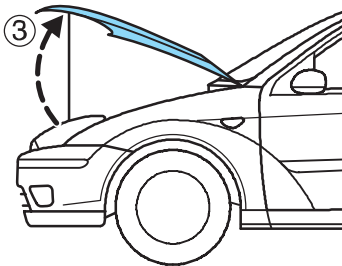


To prevent damage to, or loss of the key, remove the key immediately after opening and swivel the Ford badge back.



To close, replace the support strut in its retaining clip, lower the bonnet and allow it to drop into the catch for the last 20 - 30 cm.

Always check to ensure that the bonnet lock is fully engaged.



- Raise the bonnet and support it in the retainer ③ ensuring it is secure.

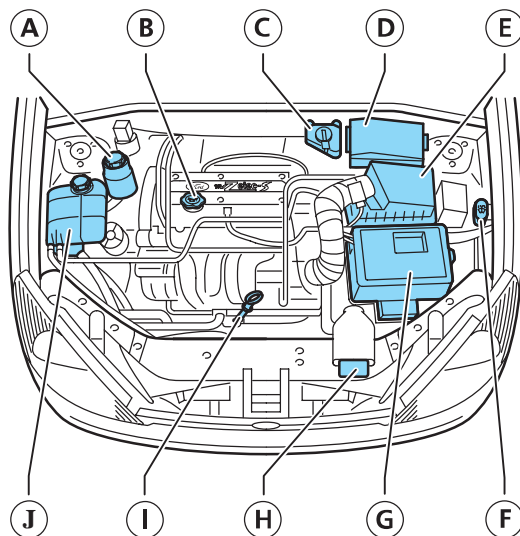
Maintenance and care

Engine compartment

Position	Description	See page
Ⓐ	Power steering fluid reservoir	154
Ⓑ	Engine oil filler cap ¹	152
Ⓒ	Brake/clutch fluid reservoir	152
Ⓓ	Auxiliary fuse box	127
Ⓔ	Air cleaner	No maintenance necessary
Ⓕ	Screen washer fluid reservoir	154
Ⓖ	Battery	139
Ⓗ	Vehicle identification plate	158
Ⓘ	Engine oil dipstick ¹	151
Ⓙ	Engine coolant reservoir	153

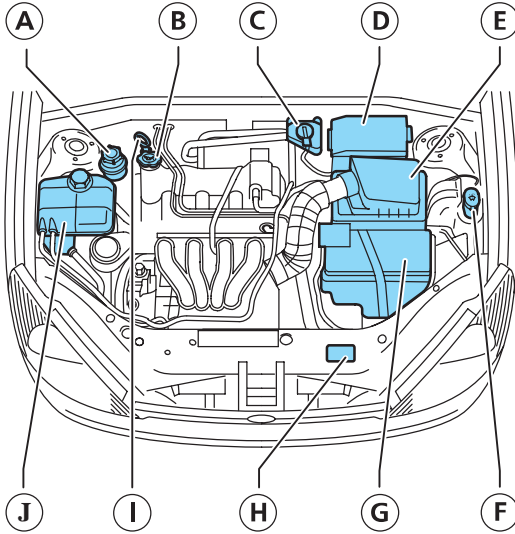
¹ For easy identification, filler caps and the engine oil dipstick are marked in colour.

1.4 I/1.6 I Zetec-SE 16V

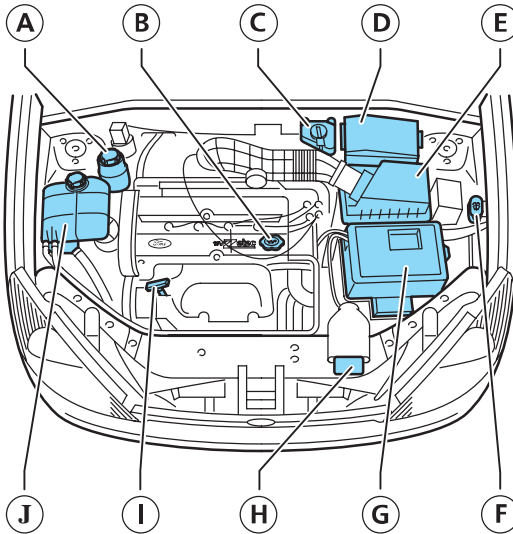


Maintenance and care

1.6 | Duratec-8V

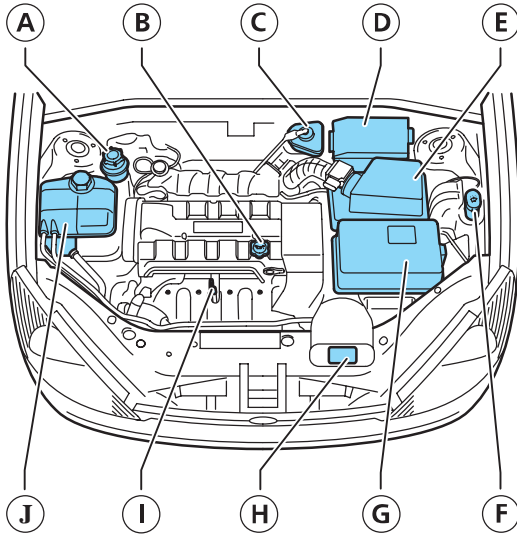


1.8 | 2.0 | Zetec-E

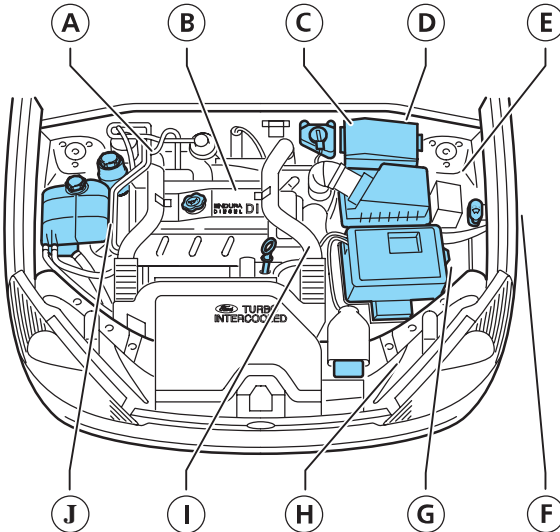


Maintenance and care

2,0 I Duratec-ST

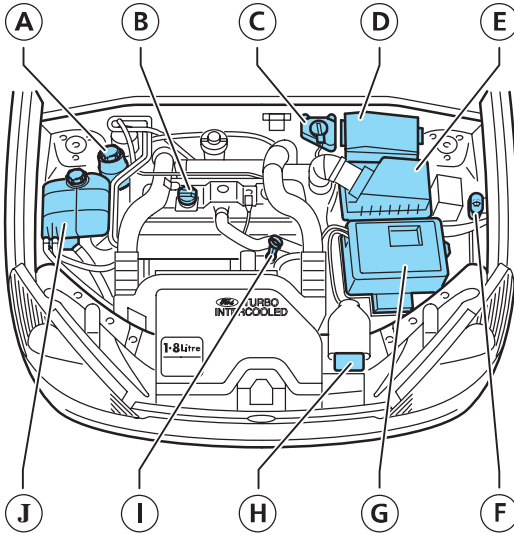


1,8 I Endura-TDDi Turbodiesel



Maintenance and care

1.8 I DuraTorq-TDCi Turbodiesel



Maintenance and care

Engine oil dipstick

The oil consumption of your engine is influenced by many factors. New engines reach the normal value only after approximately 5 000 km. Diesel and high performance engines consume slightly more. Under high loads your engine will also consume more oil.

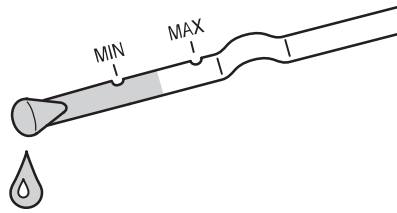
Make sure the vehicle is standing on level ground. Check the engine oil before starting the engine. If the engine was running, switch it off and wait some minutes for the engine oil to flow back into the sump before checking it. Pull out the dipstick, wipe it with a clean, non-fluffy cloth, re-insert it completely and pull it out once more.

If the level lies between the marks, there is no need to refill. Hot oil may exceed the **MAX** mark by some millimetres due to thermal expansion.

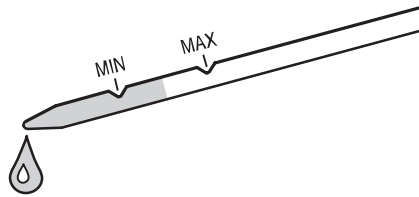
If it lies at the **MIN** mark refill using only engine oil meeting the Ford specification. Approximately 0.75 litre (diesel engine 1.5 litre) of engine oil will raise the level of the oil film on the dipstick from the **MIN** to the **MAX** mark.

Top up to only the upper mark (**MAX**).

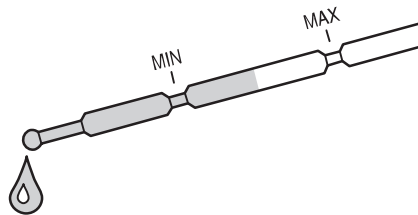
For further details, refer to the chapter *Capacities and specifications*.



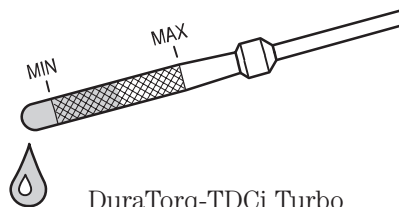
1.4 l/1.6 l Zetec-SE 16V engine



1.6 l Duratec-8V/
1.8 l/2.0 l Zetec-E/
2.0 l Duratec-ST engine



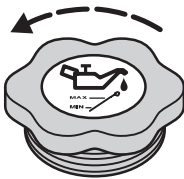
Endura-TDDi Turbo diesel engine



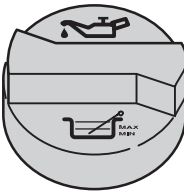
DuraTorq-TDCi Turbo
diesel engine

Maintenance and care

Engine oil filler cap




(screw fit)




1.8 l DuraTorq-TDCi only
(twist-on fit)

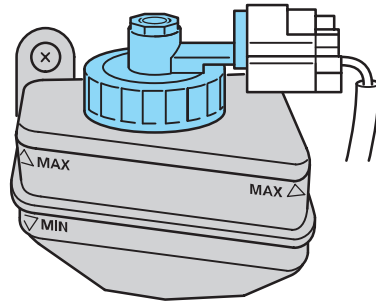
The oil filler cap is either a screw fit or twist-on fit design. To open, turn the cap anti-clockwise. Do not open the cap while the engine is running.

 Do not use oil additives or other engine treatments. They are unnecessary and could, under certain conditions, lead to engine damage which is not covered by Ford Warranty.

To close, turn the cap clockwise until it clicks.

Brake/clutch fluid reservoir

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



Brake and clutch fluid systems are supplied from the same reservoir.

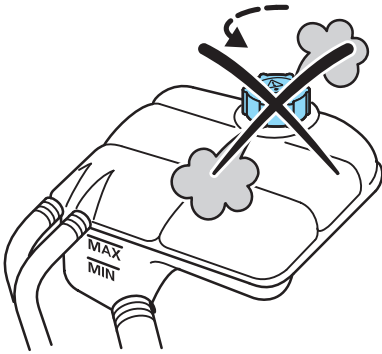
The level of the fluid must lie between the **MIN** and **MAX** marks on the side of the reservoir.




If the level falls below the **MIN** mark, the brake fluid level warning light will illuminate. Refer to the section *Brake system warning light* in the chapter *Instrumentation*.

Maintenance and care


Cooling system reservoir



 To avoid scalding, never remove the cap from the coolant reservoir when the engine is hot. Do not restart the engine until the problem has been eliminated.


The coolant level is visible through the translucent reservoir. The coolant level should be between the **MIN** and the **MAX** mark when the engine is cold. Hot coolant expands and may, therefore, extend beyond the **MAX** mark.

The coolant should be added when the engine is cold. If coolant has to be added when the engine is hot, first wait 10 minutes for the engine to cool. Initially, unscrew the cap only one quarter turn to allow the pressure to escape. Wait a moment then open it fully.

 Take great care when adding coolant. Avoid spillage on any part of the engine.

Add only coolant that meets the Ford Specification. For further details, refer to the chapter *Capacities and specifications*.

Engine coolant

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

Maintenance and care

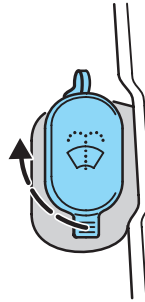
Checking power steering fluid level



The fluid level should come up to the MAX mark when the engine is cold.

If it drops below the MIN mark, top up with the specified fluid. For further details, refer to the section *Vehicle fluids*.

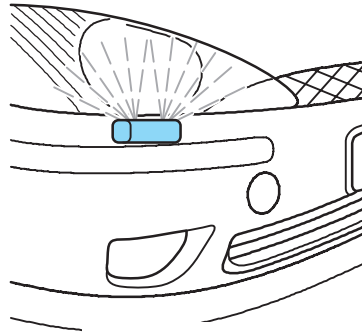
Screen washer systems




Front and rear washer systems are supplied from the same reservoir.

Replace the cap securely after topping up.

Headlight washer system

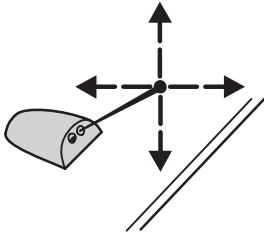


Maintenance and care

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

The headlight washer system operates only when the exterior lights are switched on and the front screen washer is used. The system is supplied from the screen washer fluid reservoir.

Adjusting screen washer jets



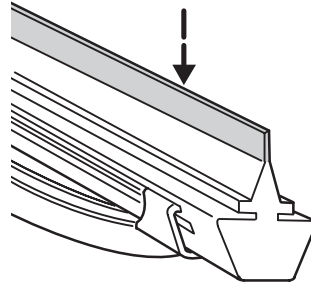
The eye ball jets can be adjusted precisely using a pin.

The washer jet for the rear screen is located on the roof above the rear screen.

To ensure the system functions properly, keep the washer jets free of snow and ice.

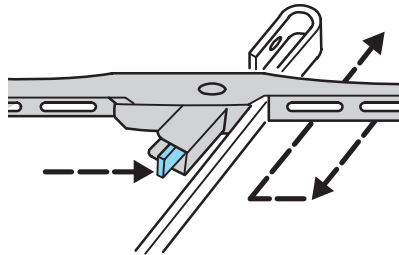
Switching on the heated front screen defrosts both the front screen and the front washer jets.

Checking wiper blades



Check the wiper blades on your vehicle for roughness by running the tip of your fingers over the edge of the blade. Clean the wiper blade lips with water applied with a soft sponge.

Renewing wiper blades



Lift the wiper arm and position the wiper blade at a right angle to the wiper arm. To remove, press the retaining clip in the direction of the arrow, disengage the wiper blade and pull it off the arm in the opposite direction.

Maintenance and care

TYRES

For your safety

If you have to mount a kerb, do so slowly and, if possible, approach it with the wheels at right-angles to the kerb. Avoid steep and sharp edged obstacles. Do not scrub the tyre sidewalls when parking.

Regularly examine the tyre surface for cuts, foreign bodies and uneven wear. An uneven tread wear pattern could indicate faulty wheel alignment.

Refer to the chapter *Capacities and specifications* for permissible snow chains.

WASHING YOUR VEHICLE

The best procedure is brushless washing in a good car wash installation.



In installations operating with high water pressure, water might be forced into the vehicle's interior or parts may get damaged.



Unscrew and remove the radio aerial before entering an automatic car wash. Switch off the heater blower to prevent contamination of the fresh air filter.

If a waxing cycle is selected, please ensure that the wax is removed from the front screen afterwards.

Cleaning the headlights

To avoid damaging the clear plastic headlight lens do not use aggressive abrasives or chemical solvents. Do not wipe the lights when they are dry or use sharp objects to clean the lenses.

Cleaning the rear screen

To avoid damaging the heating elements when cleaning the inside of the rear screen use only a soft cloth or a damp chamois leather. Do not use solvent or sharp objects to clean the glass.

Maintenance and care

Cleaning seat belts

Use interior cleaner or clean warm water. Dry naturally, away from artificial heat.

Do not use chemical cleaners, boiling water, bleach, or dye. Do not allow moisture to penetrate the seat belt retractor mechanism.

PAINT CHIP REPAIR

Paint damage from road chippings or minor scratches can be repaired using aerosol paint spray or touch-up paint. The Ford Accessory range is recommended. Observe the application instruction on each product.



To retain vehicle warranty on paintwork, remove apparently harmless looking but often aggressive particles from the paintwork immediately – e.g. bird droppings, tree resins, insect remains, tar spots, road salt and industrial fall-out.

BODY PAINTWORK PRESERVATION

Wax the body paintwork of your vehicle once or twice a year. This will help retain the glossy paintwork finish and water droplets will run off more easily.



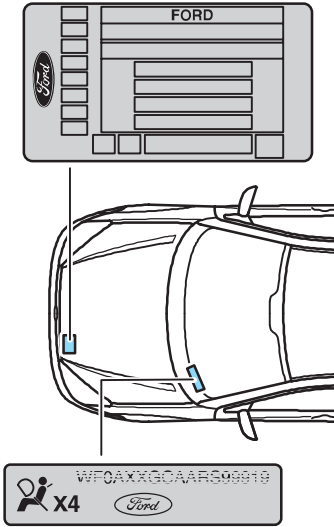
When polishing your vehicle ensure that polish does not come into contact with the plastic surfaces as it may prove difficult to remove.

Do not polish the vehicle in strong sunshine.

Do not apply polish to front or rear screen, as this may result in poor or noisy wiper action.

Capacities and specifications

IDENTIFICATION NUMBERS



Vehicle identification plate

The vehicle identification plate is located in the engine compartment.

Vehicle identification number

The vehicle identification number is additionally stamped onto the plastic tag on the left-hand side of the instrument panel. A symbol on the tag identifies the air bag system.

Engine number

Depending on the engine type, the engine number is located (seen in the direction of travel):

- Zetec-SE 16V engine – front right, under the engine/transmission flange

- Zetec-E/Duratec-8V/Duratec-ST engines – at the exhaust side of the engine block, adjacent to the transmission housing flange
- Endura-TDDi/DuraTorq-TDCi Turbo diesel engines – on the left above the injection pump

FUEL

Use only high quality fuel without any supplemental additives or other engine treatments.

Vehicles with a petrol engine

Use **unleaded** petrol according to specification EN 228 or equivalent of **minimum 95 octane** (1.6 l Duratec-8V minimum 91 octane). Leaded fuel or fuel/additives containing other metallic compounds (e.g. manganese-based) will damage the emission control system.

Vehicles with a diesel engine

Use diesel fuel according to specification EN 590 or equivalent. Do not mix it with any oil, petrol or other liquids. Diesel fuels which contain a mix of up to 5 % RME (bio diesel) are acceptable.

Prolonged use of supplemental additives to prevent fuel waxing is not recommended. Do not add kerosene, paraffin or petrol to diesel fuels.

Capacities and specifications

Fuel consumption according to EC Directive 80/1268/EEC					
Tyre size	Axle ratio	Fuel consumption – mpg (litres/100km)			CO ₂ emissions (g/km)
		Urban environment	Non-urban environment	Total	
1.4 Zetec-SE 55 kW (75 PS) 3-/4-/5-door/Estate Manual Transmission					
185/65 R 14	4.06	32.1 (8.8)	52.3 (5.4)	42.8 (6.6)	158
195/55 R 15					
1.6 Zetec-SE 74 kW (100 PS) 3-/5-door/Estate Manual Transmission					
185/65 R 14	4.06	30.1 (9.4)	52.3 (5.4)	41.5 (6.8)	163
195/60 R 15					
205/50 R 16					
215/40 R 17					
1.6 Zetec-SE 74 kW (100 PS) 3-/5-door Automatic Transmission					
185/65 R 14	4.16/4.20	25.9 (10.9)	46.3 (6.1)	36.2 (7.8)	188
195/60 R 15		25.2 (11.2)	45.6 (6.2)	35.3 (8.0)	192
1.6 Zetec-SE 74 kW (100 PS) 4-door Automatic Transmission					
185/65 R 14	4.16/4.20	25.9 (10.9)	47.1 (6.0)	36.2 (7.8)	186
195/60 R 15		25.2 (11.2)	45.6 (6.2)	35.3 (8.0)	192
1.6 Zetec-SE 74 kW (100 PS) Estate Automatic Transmission					
185/65 R 14	4.16/4.20	25.0 (11.3)	44.1 (6.4)	34.5 (8.2)	196
195/60 R 15		24.6 (11.5)	42.8 (6.6)	33.6 (8.4)	200
1.6 Duratec-8V 72 kW (98 PS)					
185/70 R 14	4.06	30.1 (9.4)	50.4 (5.6)	40.4 (7.0)	165
195/70 R 15					
1.8 Zetec-E 85 kW (115 PS) 3-/5-door Manual Transmission					
185/65 R 14	4.06	27.4 (10.3)	47.1 (6.0)	37.2 (7.6)	181
195/60 R 15		27.7 (10.2)			
205/50 R 16		27.4 (10.3)	46.3 (6.1)	36.7 (7.7)	183
215/40 R 17					
1.8 Zetec-E 85 kW (115 PS) 4-door Manual Transmission					
185/65 R 14	4.06	27.4 (10.3)	47.9 (5.9)	37.7 (7.5)	179
195/60 R 15		27.7 (10.2)	47.1 (6.0)		
205/50 R 16		27.4 (10.3)	46.3 (6.1)	37.2 (7.6)	181

Capacities and specifications

Fuel consumption according to EC Directive 80/1268/EEC					
Tyre size	Axle ratio	Fuel consumption – mpg (litres/100km)			CO ₂ emissions (g/km)
		Urban environment	Non-urban environment	Total	
1.8 Zetec-E 85 kW (115 PS) Estate Manual Transmission					
185/65 R 14	4.06	27.2 (10.4)	47.1 (6.0)	37.2 (7.6)	181
195/60 R 15			46.3 (6.1)	36.7 (7.7)	184
205/50 R 16		26.9 (10.5)	45.6 (6.2)	36.2 (7.8)	185
215/40 R 17					
2.0 Zetec-E 96 kW (130 PS) 3-/5-door Manual Transmission					
195/60 R 15	4.06	24.4 (11.6)	40.9 (6.9)	32.5 (8.7)	207
205/50 R 16					
215/40 R 17					
2.0 Zetec-E 96 kW (130 PS) 4-door/Estate Manual Transmission					
195/60 R 15	4.06	24.4 (11.6)	40.9 (6.9)	32.8 (8.6)	205
205/50 R 16					
215/40 R 17					
2.0 Zetec-E 96 kW (130 PS) 3-/5-door Automatic Transmission					
195/60 R 15	4.20	21.6 (13.1) ¹	38.7 (7.3) ¹	30.1 (9.4) ¹	222 ¹
205/50 R 16					
2.0 Zetec-E 96 kW (130 PS) 4-door Automatic Transmission					
195/60 R 15	4.20	21.7 (13.0) ¹	38.7 (7.3) ¹	30.1 (9.4) ¹	222 ¹
205/50 R 16					
2.0 Zetec-E 96 kW (130 PS) Estate Automatic Transmission					
195/60 R 15	4.20	21.6 (13.1) ¹	38.7 (7.3) ¹	30.1 (9.4) ¹	222 ¹
205/50 R 16					
2.0 Duratec-ST 127 kW (173 PS) 3-/5-door/Estate Manual Transmission					
215/45 R 17	2.87/4.24	23.5 (12.0) ¹	40.9 (6.9) ¹	32.1 (8.8) ¹	212 ¹

¹ Stage IV (all other values are Stage III)

Capacities and specifications

Fuel consumption according to EC Directive 80/1268/EEC					
Tyre size	Axle ratio	Fuel consumption – mpg (litres/100km)			CO ₂ emissions (g/km)
		Urban environment	Non-urban environment	Total	
1.8 Endura-TDDi 55 kW (75 PS) 3-/5-door Manual Transmission					
185/65 R 14	3.56	41.5 (6.8)	68.9 (4.1)	55.4 (5.1)	135
195/60 R 15					
1.8 Endura-TDDi 55 kW (75 PS) 4-door Manual Transmission					
185/65 R 14	3.56	41.5 (6.8)	68.9 (4.1)	55.4 (5.1)	134
195/60 R 15					
1.8 Endura-TDDi 55 kW (75 PS) Estate Manual Transmission					
185/65 R 14	3.56	41.5 (6.8)	68.9 (4.1)	55.4 (5.1)	134
195/60 R 15					
1.8 Endura-TDDi 66 kW (90 PS) 3-/5-door Manual Transmission					
185/65 R 14	3.41	39.2 (7.2)	64.2 (4.4)	52.3 (5.4)	143
195/60 R 15					
205/50 R 16					
215/40 R 17					
1.8 Endura-TDDi 66 kW (90 PS) 4-door Manual Transmission					
185/65 R 14	3.41	39.2 (7.2)	64.2 (4.4)	52.3 (5.4)	142
195/60 R 15					
205/50 R 16					
1.8 Endura-TDDi 66 kW (90 PS) Estate Manual Transmission					
185/65 R 14	3.41	39.2 (7.2)	64.2 (4.4)	52.3 (5.4)	143
195/60 R 15					
205/50 R 16					
215/40 R 17					
1.8 DuraTorq-TDCi 74 kW (100 PS) 3-/5-door/Estate Manual Transmission					
185/65 R 14	3.41	40.4 (7.0)	67.3 (4.2)	54.3 (5.2)	138
195/60 R 15					
205/50 R 16					
215/40 R 17					

Capacities and specifications

Fuel consumption according to EC Directive 80/1268/EEC					
Tyre size	Axle ratio	Fuel consumption – mpg (litres/100km)			CO ₂ emissions (g/km)
		Urban environment	Non-urban environment	Total	
1.8 DuraTorq-TDCi 74 kW (100 PS) 4-door Manual Transmission					
185/65 R 14	3.41	40.4 (7.0)	67.3 (4.2)	54.3 (5.2)	137
195/60 R 15					
205/50 R 16					
1.8 DuraTorq-TDCi 85 kW (115 PS) 3-/5-door/Estate Manual Transmission					
185/65 R 14	3.41	39.2 (7.2)	64.2 (4.4)	52.3 (5.4)	143
195/60 R 15					
205/50 R 16					
215/40 R 17					
1.8 DuraTorq-TDCi 85 kW (115 PS) 4-door Manual Transmission					
185/65 R 14	3.41	39.2 (7.2)	64.2 (4.4)	52.3 (5.4)	142
195/60 R 15					
205/50 R 16					

ENGINE OIL

Engine oil change

Ford/Motorcraft **Formula E SAE 5W-30** engine oil.

Alternative engine oils with the viscosity **SAE 5W-30** meeting the requirements of Ford Specification **WSS-M2C913-B** may also be used.

Engine oil top-up

If you are unable to find an oil that meets this specification, you must use an oil of the viscosity **SAE 5W-30**, SAE 5W-40 or SAE 10W-40, according to ambient temperatures, meeting the requirements of either **ACEA A1/B1** or ACEA A3/B3 specifications. Use of these oils may result in longer cranking periods, reduced engine performance, reduced fuel economy, and increased emission levels.

Capacities and specifications

VEHICLE FLUIDS

Part	Recommended fluid	Specification
Power assisted steering	Ford Power Steering Fluid	WSS-M2C 195-A, WSS-M2C 204-A
Coolant	Motorcraft SuperPlus Antifreeze	WSS-M97 B44-D

Capacities (litres)							
Engine	1.4 l Zetec- SE 16V	1.6 l Zetec- SE 16V	1.6 l Duratec- 8V	1.8 l Zetec- E	2.0 l Zetec- E	1.8 l Endura- TDDi/Dura- Torq-TDCi	2.0 l Duratec- ST
Engine oil – with filter	3.75	4.25	4.35	4.25	4.25	5.6	4.25
– without filter	3.5	3.75	3.9	3.75	3.75	5.0	3.75
Power assisted steering	MAX mark						
Cooling system including heating	5.0 ¹	5.0 ¹	6.15	5.75 ¹	5.75 ¹	6.5 ¹	5.75 ¹
Screen washer system	3.6						
Fuel tank	55					52.7	55

¹ Total capacity

Capacities and specifications

VEHICLE WEIGHT

Vehicle weight (kg)	3-door	4-door	5-door	Estate
1.4 Zetec-SE 16V 55 kW (75 PS) Manual transmission				
EC Kerbweight	1127	1148	1140	1146
Payload	443	442	445	484-539
Permissible gross weight	1570	1590	1585	1630-1685
Permissible roof rack weight	75	75	75	100
1.6 Zetec-SE 16V 74 kW (100 PS) Manual transmission				
EC Kerbweight	1131	1152	1144	1150
Payload	439	443	446	485-535
Permissible gross weight	1570	1595	1590	1635-1685
Permissible roof rack weight	75	75	75	100
1.6 Zetec-SE 16V 74 kW (100 PS) Automatic transmission				
EC Kerbweight	1161	1183	1166	1197
Payload	434	437	449	463-513
Permissible gross weight	1595	1620	1615	1660-1710
Permissible roof rack weight	75	75	75	100
1.6 Duratec-8V 72kW (98 PS)				
EC Kerbweight	–	1185-1234	1176-1228	1198-1254
Payload	–	361-410	362-414	381-437
Permissible gross weight	–	1595	1590	1635
Permissible roof rack weight	–	75	75	100
1.8 Zetec-E 85 kW (115 PS) Manual transmission				
EC Kerbweight	1172	1193	1172	1208-1211
Payload	448	457	478	484-537
Permissible gross weight	1620	1650	1650	1695-1745
Permissible roof rack weight	75	75	75	100
2.0 Zetec-E 95 kW (130 PS) Manual transmission				
EC Kerbweight	1190	1221	1212	1236
Payload	450	449	458	479-529
Permissible gross weight	1640	1670	1670	1715-1765
Permissible roof rack weight	75	75	75	100

Capacities and specifications

Vehicle weight (kg)	3-door	4-door	5-door	Estate
2.0 Zetec-E 95 kW (130 PS) Automatic transmission				
EC Kerbweight	1214	1238	1228	1252
Payload	426	432	442	463-513
Permissible gross weight	1640	1670	1670	1715-1765
Permissible roof rack weight	75	75	75	100
2.0 Duratec-ST 127 kW (173 PS) Manual transmission				
EC Kerbweight	1260	–	1291	1320
Payload	380	–	379	395
Permissible gross weight	1640	–	1670	1715
Permissible roof rack weight	75	–	75	100
1.8 Endura-TDDi 55 kW (75 PS) Manual transmission				
EC Kerbweight	1244	1265	1257	1265
Payload	441	450	453	490-540
Permissible gross weight	1685	1715	1710	1755-1805
Permissible roof rack weight	75	75	75	100
1.8 Endura-TDDi 66 kW (90 PS) Manual transmission				
EC Kerbweight	1244	1265	1257	1265
Payload	441	450	453	490-540
Permissible gross weight	1685	1715	1710	1755-1805
Permissible roof rack weight	75	75	75	100
1.8 DuraTorq-TDCi 74 kW (100 PS) Manual transmission				
EC Kerbweight	1242	1264	1257	1273
Payload	453	461	463	487-537
Permissible gross weight	1695	1725	1720	1760-1810
Permissible roof rack weight	75	75	75	100
1.8 DuraTorq-TDCi 85 kW (115 PS) Manual transmission				
EC Kerbweight	1249	1269	1265	1280
Payload	446	456	455	480-530
Permissible gross weight	1695	1725	1720	1760-1810
Permissible roof rack weight	75	75	75	100

Capacities and specifications

TYRES

If winter tyres are used, do not exceed the maximum tyre pressures indicated by the tyre manufacturer.

Tyre pressure

The pressure for your spare tyre should be set to the highest value given for your vehicle/tyre size combination.

Tyre pressures (cold tyres)				
Tyre size ¹	bar (lbf/in ²)			
	Normal load up to 3 persons		Full load more than 3 persons	
	Front	Rear	Front	Rear
175/70 R 14	2.2 (32)	2.2 (32)	2.2 (2.4) ² (32/35)	3.1 (46)
185/65 R 14	2.2 (32)	2.2 (32)	2.2 (32)	3.1 (46)
185/70 R 14	2.2 (32)	2.2 (32)	2.2 (32)	3.1 (46)
195/55 R 15	2.0 (29)	2.0 (29)	2.2 (32)	3.1 (46)
195/55 R 16 ⁵	2.2 (32)	2.0 (29)	2.4 (35)	3.1 (46)
195/60 R 15	2.2 (32)	2.2 (32)	2.2 (2.3) ² (32/34)	3.1 (46)
205/50 R 16	2.2 (32)	2.2 (32)	2.3 (34)	3.1 (46)
205/55 R 16 ⁵	2.2 (32)	2.0 (2.2) ⁴ (29/32)	2.4 (35)	3.1 (46)
215/40 R 17	2.2 (32)	2.2 (32)	2.3 (34)	3.1 (46)
215/45 R 17	2.2 (32)	2.0 (2.2) ⁴ (29/32)	2.4 (35)	3.1 (3.3) ⁴ (46/49)
T 125/80 R 15 ³	4.2 (62)	4.2 (62)	4.2 (62)	4.2 (62)

¹ Summer tyres. Speed rating T, H, V or W is dependent on engine.

² Vehicles with a diesel engine.

³ Temporary spare wheel.

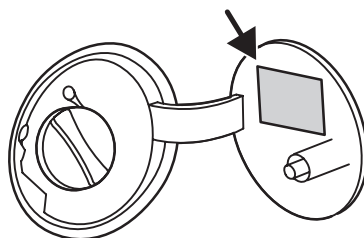
⁴ Estate only.

⁵ Winter tyres.

Capacities and specifications

Notes on tyre pressure

- A tyre pressure decal is located on the inside of the filler flap.



Tyre pressures for continuous road speed over 100mph (160 km/h) (cold tyres)

Tyre size ¹	bar (lbf/in ²)			
	Normal load up to 3 persons		Full load more than 3 persons	
	Front	Rear	Front	Rear
175/70 R 14	2.4 (35)	2.4 (35)	2.4 (2.5) ² (35/37)	3.3 (49)
185/65 R 14	2.4 (35)	2.4 (35)	2.4 (2.5) ² (35/37)	3.3 (49)
185/70 R 14	2.4 (35)	2.4 (35)	2.4 (35)	3.3 (49)
195/55 R 15	2.2 (32)	2.2 (32)	2.4 (35)	3.3 (49)
195/55 R 16 ⁴	2.2 (32)	2.0 (29)	2.4 (35)	3.1 (46)
195/60 R 15	2.4 (35)	2.4 (35)	2.4 (2.5) ² (35/37)	3.3 (49)
205/50 R 16	2.4 (35)	2.4 (35)	2.4 (2.5) ² (35/37)	3.3 (49)
205/55 R 16 ⁴	2.4 (35)	2.2 (2.4) ³ (32/35)	2.5 (37)	3.3 (49)
215/40 R 17	2.4 (35)	2.4 (35)	2.5 (37)	3.3 (49)
215/45 R 17	2.4 (35)	2.2 (2.4) ³ (32/35)	2.5 (37)	3.3 (49)

¹ Summer tyres. Speed rating T, H, V or W is dependent upon engine.

² Vehicles with diesel engine.

³ Estate only.

⁴ Winter tyres.

Capacities and specifications

Snow chains

Use only small link snow chains on the driving wheels (front).

Snow chains may only be fitted to 185/65 R 14 tyres. On the ST170, snow chains may only be fitted to 195/55 R 16 tyres.

Do not exceed 30 mph (50 km/h). Remove the chains immediately on snow-free roads.

When using snow chains, vehicles with the Traction Control System (TCS) or Electronic Stability Program (ESP) may exhibit some unusual driving characteristics which can be avoided by switching the system off.

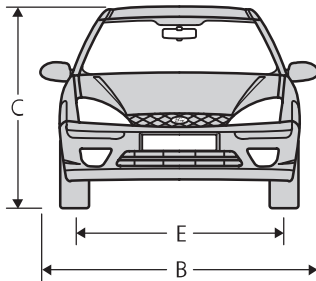
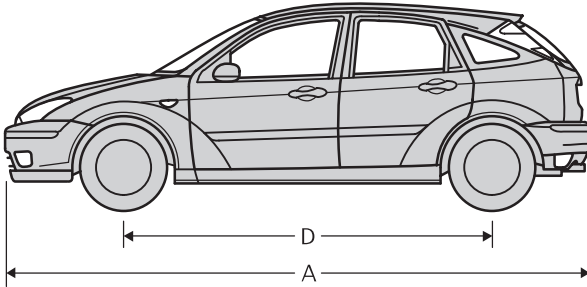
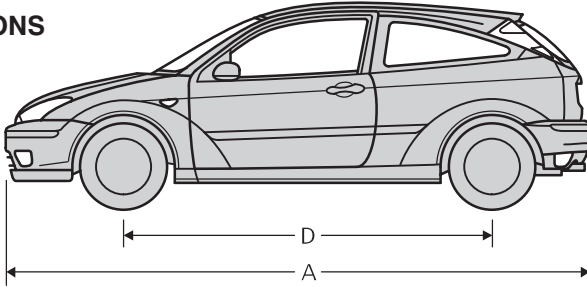
Refer to the section *Traction Control System (TCS)/Electronic Stability Program (ESP)*.

In order to avoid damaging full-diameter wheel covers, they should be removed before driving with snow chains.

Capacities and specifications

DIMENSIONS

3-/5-door

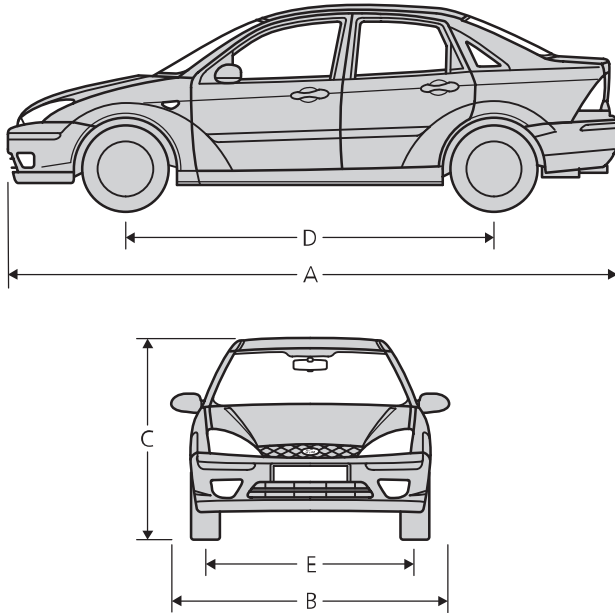


Dimensions		mm
A = Overall length		4174
B = Overall width (including exterior mirrors)		1998
C = Overall height (kerb weight)		1440-1481
D = Wheelbase		2615
E = Track	front	1484-1502 ¹
	rear	1477-1495 ¹

¹ Depending on wheel/tyre combination.

Capacities and specifications

4-door

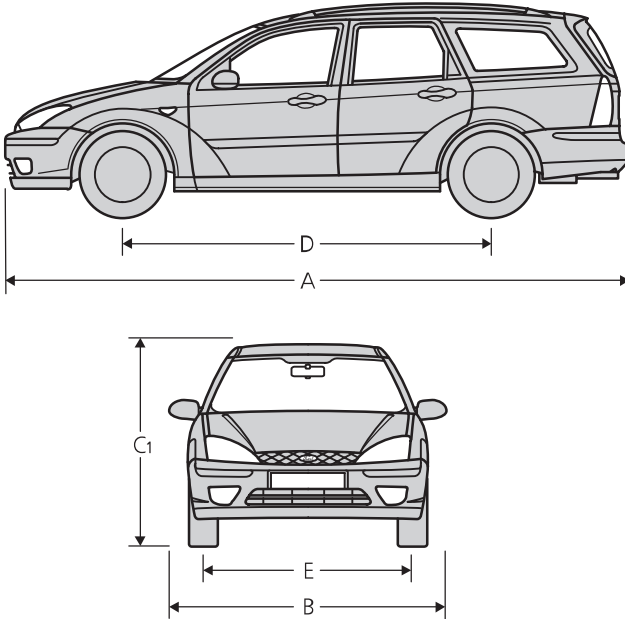


Dimensions		mm
A = Maximum length		4382
B = Overall width (including exterior mirrors)		1998
C = Overall height (kerb weight)		1440-1481
D = Wheelbase		2615
E = Track	front	1484-1502 ¹
	rear	1477-1495 ¹

¹ Depending on wheel/tyre combination.

Capacities and specifications

Estate




Dimensions		mm
A = Maximum length		4454
B = Overall width (including exterior mirrors)		1998
C = Overall height (kerb weight)		1461-1557
D = Wheelbase		2615
E = Track	front	1484-1502 ¹
	rear	1477-1495 ¹

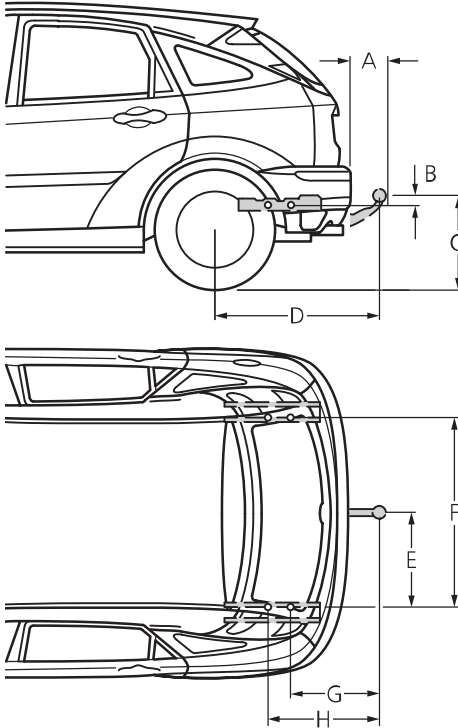
¹ Depending on wheel/tyre combination.

Capacities and specifications

ATTACHMENT POINTS FOR TOWING EQUIPMENT

3-/5-door

 The installation of towing equipment should only be performed by an expert.



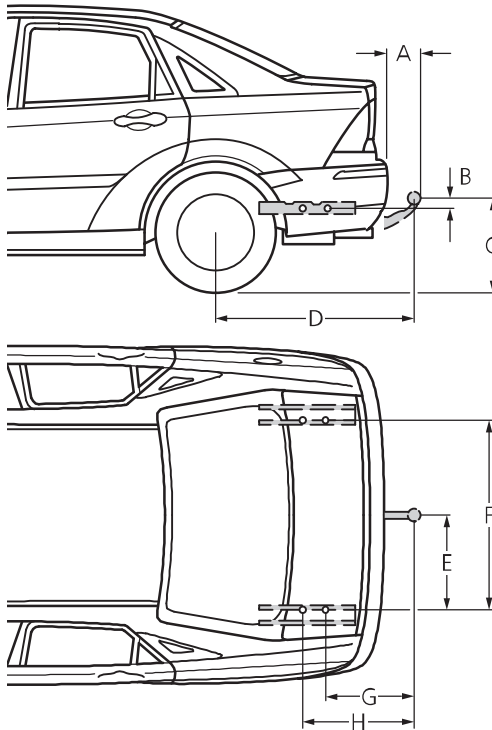
Distances	mm ¹
A = Bumper – end of towball	118
B = Attachment point – centre of towball	33
C = Ground surface – centre of towball ²	442-477
D = Wheel centre – centre of towball	794
E = Centre of towball – side member	445
F = Inner side of side member	890
G = Centre of towball – centre 1. attachment point	369
H = Centre of towball – centre 2. attachment point	503

¹ All measurements refer to towing equipment officially released by Ford.

² With the vehicle at kerb weight.

Capacities and specifications

4-door



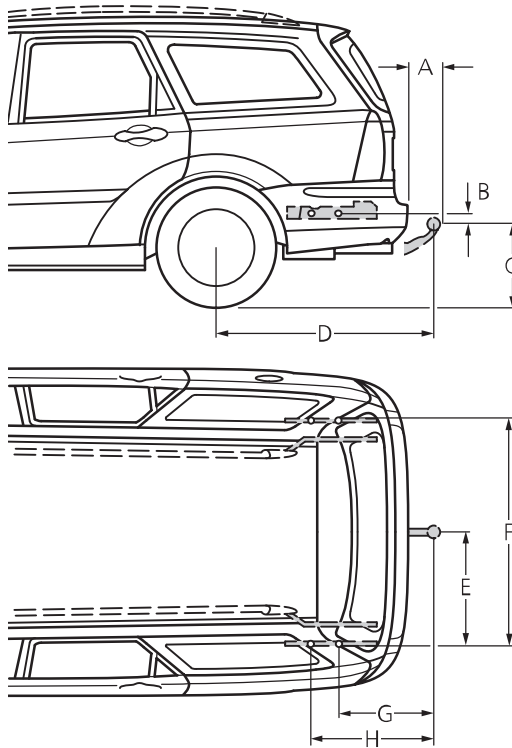
Distances	mm ¹
A = Bumper – end of towball	100
B = Attachment point – centre of towball	43
C = Ground surface – centre of towball ²	457-491
D = Wheel centre – centre of towball	1056
E = Centre of towball – side member	589
F = Outer side of side member	1178
G = Centre of towball – centre 1. attachment point	442
H = Centre of towball – centre 2. attachment point	576

¹ All measurements refer to towing equipment officially released by Ford.

² With the vehicle at kerb weight.

Capacities and specifications

Estate



Distances	mm ¹
A = Bumper – end of towball	100
B = Attachment point – centre of towball	43
C = Ground surface – centre of towball ²	457-491
D = Wheel centre – centre of towball	1056
E = Centre of towball – side member	589
F = Outer side of side member	1178
G = Centre of towball – centre 1. attachment point	442
H = Centre of towball – centre 2. attachment point	576

¹ All measurements refer to towing equipment officially released by Ford.











² With the vehicle at kerb weight.

Capacities and specifications

RADIO FREQUENCY REMOTE CONTROL










































If the type approval of your remote control is inspected, refer to the table below.

It is recommended that you use the remote control only in the countries listed.

Type approval of the remote control	
Country	Official test number
(A)	CE 0499  ¹
(AUS)	SIEMENS 433,92 MHz 5WK4 725/8686/8071
(B)	CE 0499  ¹
(BR)	SIEMENS 433,92 MHz 5WK4 725/8686/8071
(CH)	BAKOM 97.0946.K.P.
(CY)	MCW 129/95 23/1997
(CZ)	  ČTÚ 1999 2 R 712
(D)	CE 0499  ¹
(DK)	CE 0499  ¹
(E)	CE 0499  ¹
(F)	CE 0499  ¹
(FIN)	CE 0499  ¹
(GB)	CE 0499  ¹
(GBZ)	SIEMENS 433,92 MHz 5WK4 725/8686/8071

¹ Hereby, Siemens, declares that this remote control is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Capacities and specifications


Type approval of the remote control	
Country	Official test number
	 0499  ¹
	 0499  ¹
	 0499  ¹
	272/3-1998
	 0499  ¹
	 0499  ¹
	 0499  ¹
	SIEMENS 433,92 MHz 5WK4 725/8686/8071
	 0499  ¹
	 0499  ¹
	
	 0499  ¹
	542/98
	
	 0499  ¹
	
	SIEMENS 433,92 MHz 5WK4 725/8686/8071
	Ref.No.: 3K43D/3R1B9/SPLS-RX9/98

¹ Hereby, Siemens, declares that this remote control is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.




Capacities and specifications

ENGINE IMMOBILISATION SYSTEM

If the type approval of your engine immobilisation system is inspected, refer to the table below.

Type approvals of the engine immobilisation system	
Country	Official test number
(A) (B) (CH) (D) (DK) (E) (F) (FIN) (GB) (GBZ) (GR) (H) (I) (IRL) (IS) (L) (N) (NL) (P) (S)	CE 0682 0
(AUS) (BIH) (BM) (CY) (ET) (FP) (GAB) (J) (JA) (KN) (KWT) (MAC) (PNG) (RL) (TT) (WD) (WL) (WV) (YV)	No number required
(BRU)	DRQ-D-PREMIER-10-1996-3860-LPD2-1387 LPD2-1388 LPD2-1389
(CDN)	3043104475A
(CZ)	
(HK)	<div style="border: 1px solid black; padding: 5px;"> <p>This device complies with the Telecommunication Law (電檢法) Regulation from Licensing Order 此產品符合電檢法 (小功率型件) (簡免牌照) 令</p> <p>Certificate No.: LP 401280, LP 401281, LP 401282 證書號碼:</p> <p>Office of the Telecommunications Authority 電檢管理局</p> </div>
(M)	WT/122/98 II
(MAL)	F00053/1/2002
(MEX)	RCPVI9801-607
(NZ)	ENG 3/2/RFS29
(PL)	MŁ S.H. Nr 003/2002

Capacities and specifications

Type approvals of the engine immobilisation system	
(RC)	<div style="border: 1px solid black; padding: 2px; display: inline-block;">  電波 91LP0063 </div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">  電波 91LP0067 </div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">  電波 91LP0064 </div>
(SGP)	IDA approved part LPREQ-0259-2002
(SK)	171
(T)	D.O.1/130/2545
(TR)	B.61.TK.0.22.00.00/4940-2632
(USA)	NT8-15607CPATXCVR

Index

A

ABS 10, 107
Additional heating system 74
Additional warning lights 14
Adjusting the temperature . . 24, 28
Air bag 7, 86-90
Air conditioning 26-30
Anti-theft alarm system 73-74
Antifreeze 153
Armrest 53, 76
Ashtray 18
Audible warning signal, exterior
lights 15
Audio remote control 35
Automatic transmission 11,
. 47-49, 96, 98-100, 144
Average fuel economy 22
Average speed 21

B

Battery 9, 139-140
Blower 24, 28
Bonnet 62, 146
Booster battery 140
Brake fluid 107
Brake fluid reservoir 152
Brake lights 121, 123, 124
Brake system warning light 10, 107
Brake Traction Control System 108
Brakes 106-107
Braking with ABS 107
Bulb replacement 116-126

C

Care of seat belts 85
Carpet, reversible 57
Catalytic converter 100
CD autochanger 35
Central door locking 62-64
Changing a wheel 133-139
Child proof safety locks 60
Child restraints 90-94
Childseats, placement of 92-94
Cigar lighter 18
Clock 19
Clutch fluid reservoir 152
Cold start 95-96
Control lights 6-14
Coolant 153
Cooling system 7, 114-115
Cooling system corrosion
protection 153
Cup holder 49
cup holder 52

Index

D

- De-icing the windows 25, 26
- Diesel engine 11
- Diesel fuel 158
- Digital clock 19
- Dimensions 169-171
- Dipped beam 15, 32, 117
- Direction indicator 117, 119
- Direction indicators 8, 32, 120, 121, 123
- Disc brakes 106
- Door mirrors 41-42
- Double locking 63-64, 67
- Driving with a catalytic converter 100
- Driving with a trailer 101-104
- Driving with automatic transmission 98-100
- Driving with TCS 108-111
- Dual circuit braking system . . . 106

E

- Electrically operated seats 76
- Electrically operated windows 43-45
- Electronic automatic temperature control 27-30
- Electronic Stability Program (ESP) 8, 51, 108, 134, 168
- Emergency program 114-115
- Engine compartment 147-150
- Engine coolant 153
- Engine immobilisation system 70-72, 177-178

E

- Engine number 158
- Engine oil 151-152, 162
- Engine oil dipstick 151
- Engine oil filler cap 152
- Engine speed limiter 95
- Environment protection 3
- Exterior lights 15-17

F

- Fail safe cooling system 11-12, 114-115
- Filling capacities 163
- Filling up 100
- First aid kit 58
- Fog lights 15-16, 119, 120, 122
- Fold flat front passenger seat . . 78
- Folding the seatback 77-79, 80
- Fresh air filter 23
- Front air bags 86-88
- Front fog lights 15, 119, 120
- Front screen washing system . . 34
- Front screen wiper 33
- Fuel 158
- Fuel consumption 22, 159-162
- Fuel economy 22
- Fuel filler flap lock 61
- Fuel gauge 13
- Fuel injection system shut-off switch 115-116
- Fuel level 9, 22
- Fuses 127-132

G

Glove compartment 49
 Glow plug indicator light 11

H

Handbrake 50
 Hazard flasher 19, 114
 Head restraints 78
 Headlight flasher 32
 Headlight levelling control .. 16-17
 Headlight washer system 154-155
 Headlights 15, 117-118
 Heated front and rear screen
 (manual air conditioning) ... 19-20
 Heated front seats 50, 77
 Heating, ventilation and air
 conditioning 23-25
 Horn 32

I

Ice warning 14
 Ignition warning light 9
 Immobilisation system 70-72
 Increasing load floor 79-80
 Indicator lights 32
 Instantaneous fuel economy ... 22
 Instrument cluster 6-14
 Instrument lighting dimmer ... 16
 Instrument panel 4-5
 Interior lights 37, 124-126
 Interior rear view mirror 38
 Intermittent wiping 33
 Introduction 2

J

Jacking points 136
 Jacking up 135-136
 Jump starting 139-140

K

Key coding 71-72
 Key coding erasure 72
 Key programming 69
 Keys 59, 70

L

Light switch 15-16
 Locks and keys 59
 Luggage compartment 16, 54-58, 61
 Luggage compartment light .. 126
 Luggage cover 54, 56

M

Main beam 8, 32, 118
 Maintenance chart 145
 Manual air conditioning 26-27
 Manual transmission 46
 Mirrors 41-42
 Moving off with automatic
 transmission 98-99
 Multi-function lever 32-34

Index

N

- Nets 53, 55, 56, 57
- Number plate light 123

O

- Odometer 12
- Oil pressure 9
- Oil types 162
- Opening the bonnet 146
- Opening the doors 60-61, 66
- Opening the luggage compartment 16, 61, 67
- Original parts 2
- Outside temperature 21
- Overdrive 11, 48-49

P

- Paint damage 157
- Park distance sensor 112-113
- Parking 100
- Parking lights 15
- Power steering fluid level 154
- Power windows 43-45
- Preface 2-3
- Pregnant women 83-84
- Pushing/towing 141-143

R

- Radio frequency remote control 59, 65-67, 175-176
- Range 22
- Re-programming the unlocking function 66
- Reading lights 37, 125
- Rear fog lights 16, 122-123
- Rear lights 121-123
- Rear screen washing/wiping . 33-34
- Rear view mirrors 38, 41-42
- Recirculated air 25, 30
- Refilling 151-154
- Refuelling 100
- Remote control 59, 65-69, 175-176
- Removing a wheel 137
- Reverse gear 46
- Reversing lights 122-123
- Roof load 164-165
- Roof rack 105-106
- Running in 3

Index

S

Screen washer 154
Screen washer fluid 14
Screen washing/wiping 33-34
Seat adjustment 75-78
Seat belt pretensioner 84
Seat belts 82-84
Seat covers 89
Seats 75-81
Selector lever lock 47, 144
Selector lever positions 47-49
Side air bags 88-89
Side lights 15, 117-118
Snow chains 168
Socket/cigar lighter 18
Spare wheel 134-135
Speed control 11, 36-37
Speedometer 12
Starting the engine 95-97
Steering lock 31
Steering wheel adjustment 31
Stowage box 55
Sun visors 38
Sunroof 38-41
Supplemental heater 74

T

Tachometer 12
Tail lights 15, 121-123
Tank capacity 163
Temperature gauge 11-12
Torch key 59
Tow bar 101-104
Towing equipment attachment
points 172-174
Towing eye 141
Towing/pushing 141-143
Traction Control System
(TCS) 8, 51, 108-111, 168
Trailer coupling, removable 101-104
Trailer towing 101-104
Transporting luggage 81
Trip computer 20-22
Tripmeter 12
Turbo diesel, switching off 97
Tyre change 133-139
Tyre pressure 156, 166-167
Tyres 156, 166-168

U

Ultrasonic park distance
sensor 112-113
Utility bag 53

Index

V

- Vehicle fluids 163
- Vehicle identification number . 158
- Vehicle identification plate . . . 158
- Vehicle jack 135
- Vehicle weight 164-165
- Ventilation 25

W

- Warning lights 6-14
- Warning symbols 3
- Warning triangle 58
- Warranty 157
- Washer jets 155
- Washing the vehicle 156-160
- Wheel change 133-139
- Wheel chocks 135-136
- Windscreen wiper 33, 155
- Wiper blades 155
- Wiper lever 33-34