



EMIRA

OWNER'S HANDBOOK



**EMIRA V6**  
**EMIRA 4-CYLINDER**

## INTRODUCTION



### **Welcome to the Lotus Family**

Lotus is a driving icon that throughout decades of development has remained true to its founding principles of innovation, purity and competitiveness.

Your new Lotus is built in the true tradition of Lotus sports cars; high performance with precision handling. This is a serious driver's car that consistently delivers dynamic and uncompromising performance, just as you would expect from a road car developed on the racetrack.

Its lightweight construction, outstanding agility and aerodynamic styling firmly sets it apart from its rivals. Nothing is superfluous, it's designed to perform with no compromise, reflecting the true legendary Lotus racing heritage and ensuring that you, the driver is at one with your car.

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## HANDBOOK INFORMATION

### **Owner's Handbooks**

The owner's handbook is available in digital and printed formats. It can be viewed from the Emira mobile app and on the Lotus Cars website.

A quick guide has been supplied with the vehicle in printed format with information on the most commonly used functions in the vehicle which should be used in conjunction with either the electronic or hard copy versions of the main owner's handbook.

### **Printed Handbooks**

A full printed version of owner's manual can be ordered from any Lotus Retailer.

### **Lotus Cars Website**

Further information and support for your vehicle is available on the Group Lotus website.

Go to [lotuscars.com](https://www.lotuscars.com) to visit the page. Support is available for most markets.

### **Customer Assistance**

The Group Lotus website has contact details for customer support as well as the Lotus Retailer network.

### **Downloadable Information Maps**

For vehicles equipped with navigation, downloads are available as vehicle software updates can be installed in your Emira during a visit to your authorised Lotus Retailer.

## HANDBOOK INFORMATION

### Using This Handbook

This handbook should be read before driving the vehicle for the first time.

The content includes important safety information to protect you from injury, explanations and instructions for operating the driving controls, owner maintenance requirements, technical specifications and an explanation of the warranty. It is not intended to provide all the technical information required for servicing and should any adjustment become necessary, owners are urged to contact their Lotus Retailer. It is a requirement of the warranty and the responsibility of the owner/driver, to ensure that servicing of the vehicle is carried out at the correct intervals.

A comprehensive content list (see page 6) and an alphabetical index at the back of this book are provided to help you find information about any particular feature or topic.

**The information and specifications included in this publication were correct at the time of printing. Lotus has a policy of continuous**

**product improvement and reserves the right to discontinue or change specification, design or equipment at any time without notice and without incurring any obligation whatsoever. You should keep in regular contact with your Lotus Retailer to ensure that you are kept informed of any technical developments which may improve the specification, performance or safety of your vehicle.**

This handbook covers various models and may include descriptions of equipment and features which are not fitted on your particular vehicle.

### Warnings and Notices

#### Included in Handbook



**WARNING:** Used with the safety alert symbol, indicates a risk of death or serious injury for the driver, other vehicle occupants, other road users or bystanders.



**CAUTION:** Messages are intended to help you avoid damage to your vehicle, other property or the environment.



**NOTE:** Messages are intended to assist or guide the reader to other sources of information.

#### On Vehicle

Where necessary, decals can be found on the vehicle showing warnings and information.

## Safety Information



**WARNING:** The following paragraphs of this section contain safety messages.

- All occupants must wear seat belts.
- Never drive whilst under the influence of alcohol or drugs.
- Never drive when tired.
- Never use a hand-held mobile phone, map read or attempt other distracting activities whilst driving.
- Avoid adjusting the infotainment settings whilst driving.
- Always obey all traffic laws and regulations, never exceed the local speed limit and consider the traffic and road conditions.
- Be particularly careful driving on slippery or wet surfaces.
- Restrain from using full vehicle performance until experience has been gained and only in circumstances when it is legal and safe to do so.

- Adhere to the Maintenance Schedule and keep the vehicle in good condition.
- Never leave young children unattended in the vehicle.
- Read and take account of all safety messages in this handbook.
- For accessories and modifications, see page 238.



**WARNING:** Do not become distracted by the centre screen display whilst driving. You could cause an accident. It is recommended to stop the vehicle before using certain options available, such as using the keyboard, entering address and contact information etc.

## This is a Performance Vehicle

The Lotus Emira is a performance vehicle that does not handle like everyday vehicles designed for practicality. It is advised to have proper instruction on how to drive and care for your Lotus Emira.

## HANDBOOK INFORMATION

### Repairs and Modifications

Unapproved modifications or additions to the car or allowing servicing or repairs to be carried out by unskilled persons, could adversely affect the handling of the car and the operation of its safety equipment. Ensure that only modifications approved by Lotus are undertaken. DO NOT allow servicing, repairs or modifications to be carried out by unskilled persons. Lotus dealers have trained staff who are best qualified to maintain your car to the correct specification.



**WARNING:** Failure to comply with these provisions may invalidate the New Vehicle Warranty and/or result in a crash in which you and others may be killed or seriously injured.

For further information on accessories and modifications, see page 238.

### Engine Exhaust Fumes

Engine exhaust fumes can kill. They contain the gas carbon monoxide (CO), which you can't see or smell. It can cause unconsciousness and death. If you ever suspect exhaust gas is entering the cabin, do not drive the car until the fault has been repaired. Running the engine in an enclosed space can let exhaust gas into the car, more quickly if the interior fan is switched on. NEVER park in a garage with the engine running.

The exhaust sounding strange or different may be an indication of exhaust system damage.

Ensure the car is checked by an authorised dealer after any repairs have been made.

### Precautions Against Fire Risk

- If the engine malfunctions in any way, which may be indicated by a change in sound, or the illumination of the malfunction indicator lamp, (see page 69), have the fault diagnosed and repaired promptly. Continuing to drive a vehicle with an engine misfire could cause a catalytic converter to overheat. This could cause heat damage to other components and/or an engine bay fire
- DO NOT park or drive the car in areas where combustible material, such as dry grass or leaves, could come into contact with the hot exhaust system. Under certain wind and weather conditions a grass fire could be started.
- DO NOT tamper with any electrical components with the battery connected. You could receive an electric shock or start a fire.
- DO NOT use the vehicle if a fuel or oil leak is suspected, as may be indicated by a persistent smell of fuel or oil. Have the fault diagnosed and rectified without delay. A fuel leak may result in a fire or explosion.
- DO NOT touch or approach any part

of a hot exhaust system. Severe burns could result.

### Engine Compartment



**WARNING:** If checking or adjusting any engine bay equipment with the engine running, take all suitable precautions to Keep clothing, hands, hair, other body parts, loose clothing and tools away from drive belts, pulleys, and fans. Some fans may continue to operate, or start operating, after the motor is switched off.

### Before Driving Your Vehicle

Before each journey:

- Check tyres for damage, wear and correct pressure. Incorrect inflation pressure degrades vehicle handling (See 'Tyres' on page 256).
- Check all windows, mirrors, camera lenses and lights are clear and unobstructed and all lights are correctly working.
- Check that the front body access panel fixings are secure.
- Adjust the seat and mirrors and familiarise yourself with the controls.
- Check all instruments and tell tale lamps are reading correctly.
- Ensure that all occupants are properly restrained by their seat belts.

## HANDBOOK INFORMATION

### Keep Your Car in Safe Condition

Having a tire blowout or a mechanical failure can be extremely hazardous. To reduce the possibility of such problems, check the tire condition and pressures frequently, and have all scheduled maintenance (see separate Maintenance Record booklet) performed in a timely manner.

### Copyright Information

The Bluetooth word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by Lotus Cars is under licence. Other trademarks and trade names are those of their respective owners.

Apple CarPlay, iPhone and iPod are trademarks of Apple Inc.

Android™ and Android Auto™ are trademarks of Google LLC.

### Legal Terms & Privacy Notices

You can access the following legal documentation which applies to your use of the vehicle's features:

- Lotus Cars Limited Licence Agreement
- Lotus Cars Limited Privacy Notice
- Other licence, terms of use, and privacy notice information

From the following web page:  
<https://www.lotuscars.com/en-GB/emira-privacy>



### Handbook Images

Some driver display and central display menu option screen images contained in this handbook have been reformatted to make them suitable for publication.

### Crash Event Data

The main purpose is to record information related to vehicle crashes or accidents. The data recorded may provide a better understanding of the circumstances in which crashes and injuries occur. Some of the information recorded is required to diagnose and rectify vehicle faults during servicing and maintenance.

The information is also used for research reasons by Lotus to continuously develop quality and safety.

Lotus may be required to disclose other types of recorded data to certain government agencies who may assert a legal right to have access to it, such as, but not limited to police authorities etc.

### Engine Data Recording

Various operating parameters are continuously monitored and recorded by certain electronic control modules. This data may be downloaded by Lotus Retailers on demand in order to assist with fault diagnosis and identify any vehicle misuse.

### Software Updates

As a process of continuous improvement, Lotus may develop updated software which can be installed in your Emira during a visit to your authorised Lotus Retailer. You should be advised of any updates applicable to your Emira and what systems will be updated, any time that your Emira enters an authorised Lotus Retailer workshop for service or repair.



**NOTE:** Functionality of some of the vehicle systems could vary after software updating.

## HANDBOOK INFORMATION

### Reporting Safety Defects

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Lotus Cars USA, Inc.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or Lotus Cars USA, Inc.

To contact NHTSA, you may call the Vehicle Safety Hotline toll-free at 1-888-327-4236 (TTY: 1-800-424-9153); go to <http://www.safercar.gov>; or write to: Administrator, NHTSA, 1200 New Jersey Ave. SW, Washington, DC 20590.

You can also obtain other information about motor vehicle safety from <http://www.safercar.gov>.

### In Canada

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform Transport Canada in addition to notifying Lotus Cars USA, Inc.

If Transport Canada receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, Transport Canada cannot become involved in individual problems between you, your dealer, or Lotus Cars USA, Inc. To contact Transport Canada's Defect Investigations and Recalls Division, you may call 1-800-333-0510. For more information on reporting safety defects or about motor vehicle safety, go to <http://www.tc.gc.ca/roadsafety>.

### Vehicle Identification

The V.I.N. (Vehicle Identification Number) is located in 4 separate areas of the vehicle. You may be asked for your V.I.N. when ordering spare parts or when contacting Lotus Cars.

### Central Display

From the centre display side bar, select > Global Settings and App Options > General > Car Information. See central display information from page 137.



### Windscreen

Attached to the dashboard, viewed from outside of the vehicle at the right-hand side of the windscreen.



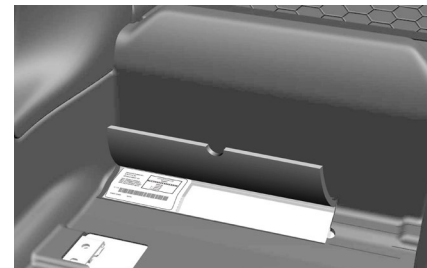
### Chassis

Stamped on the crossmember beneath the right-hand side seat, accessible with the seat moved rearwards.



### Body

Printed label on the driver side door pillar. Also included are year and date of vehicle manufacture, gross vehicle and axle weight ratings.



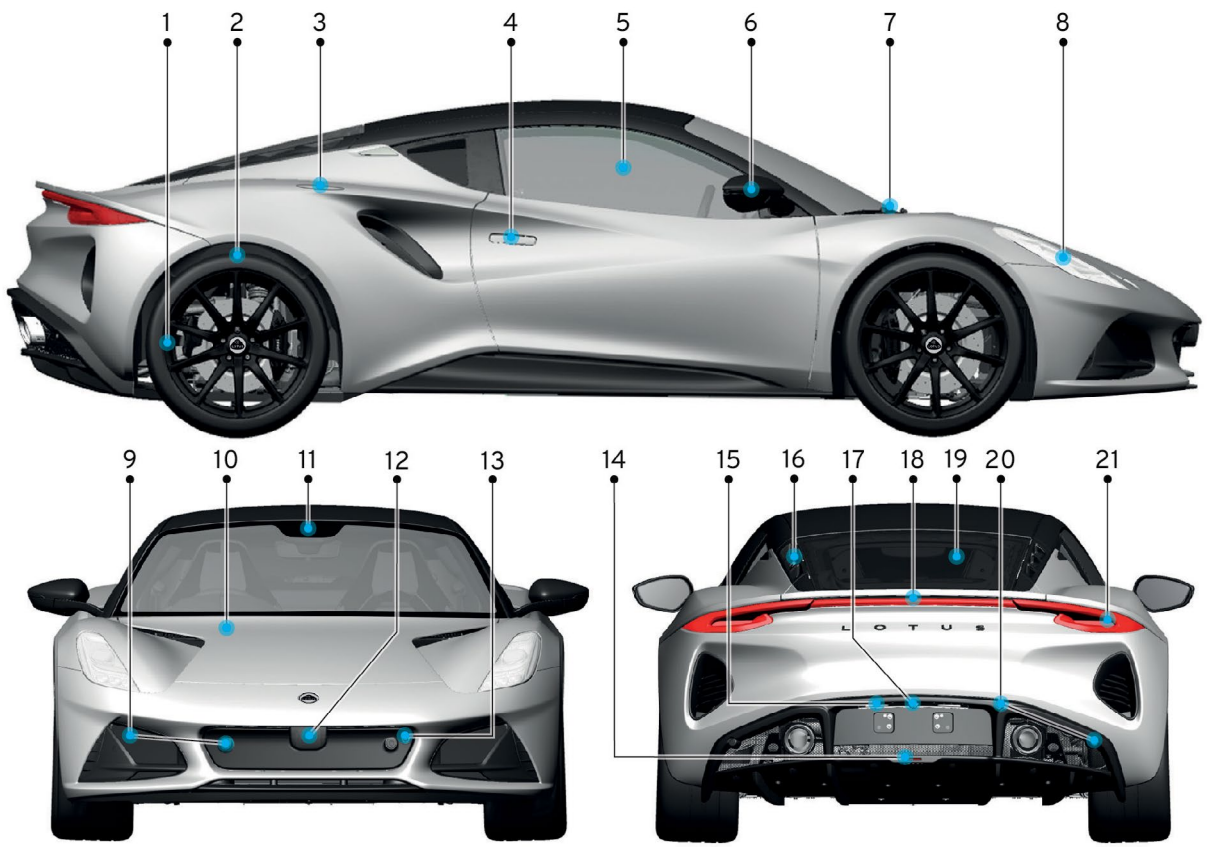
### Floor Panel

Printed label stuck to the floor behind the right-hand seat. Pull back a flap in the carpet to view.

## VEHICLE OVERVIEW

VEHICLE OVERVIEW

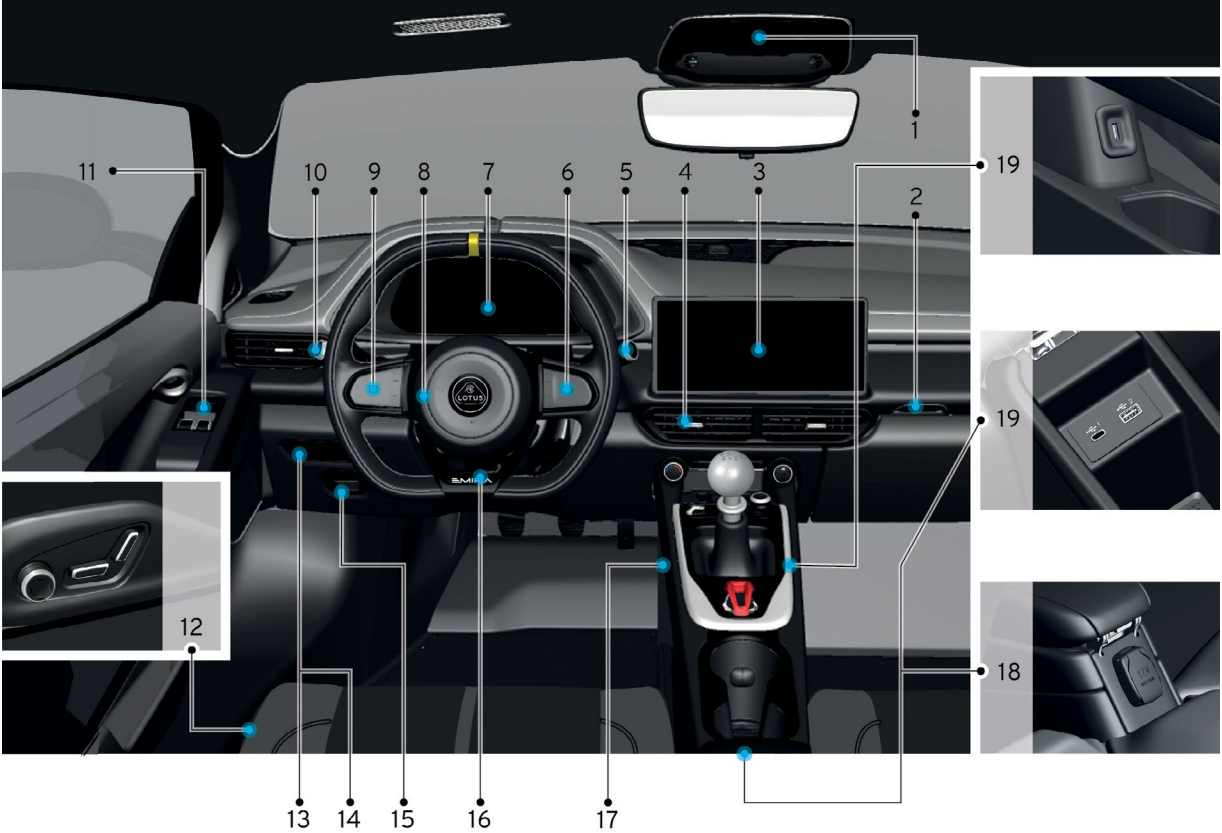
Exterior



## VEHICLE OVERVIEW

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Cabin Driving Area

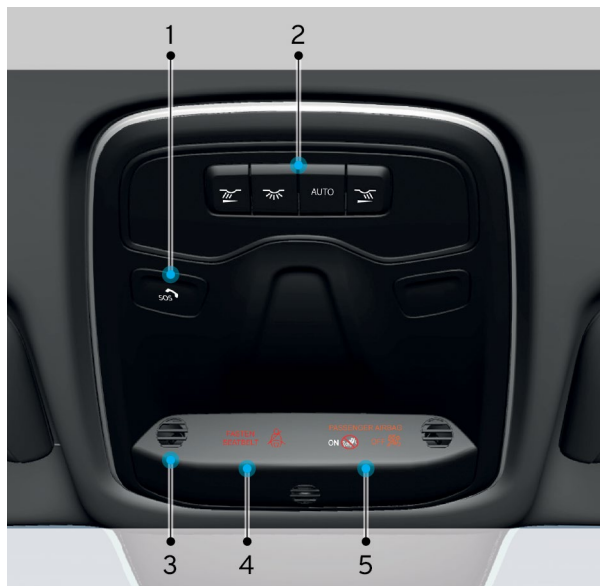




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## Overhead Console

- 1 Emergency (SOS) assistance call button\*
- 2 Interior lighting buttons
- 3 Microphone
- 4 Seat belt status indicator
- 5 Passenger airbag status indicator

\* If equipped.

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## VEHICLE OVERVIEW

### Steering Wheel Switches



### Left Hand Keypad Switches

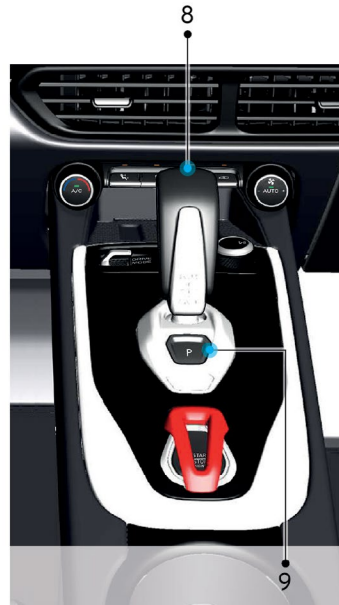
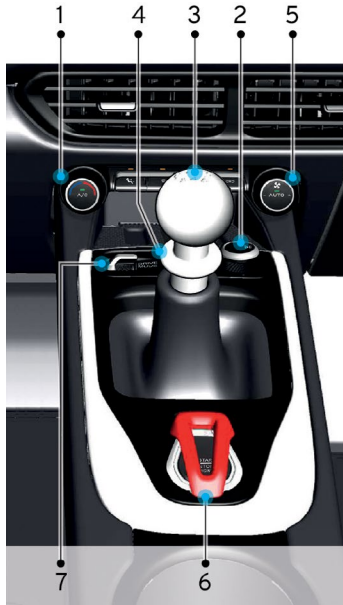
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## VEHICLE OVERVIEW



### Door Control Panel

- 1 Door unlock button
- 2 Door lock button
- 3 Door mirror adjustment buttons
- 4 Power door window switches
- 5 Seat memory switches (if fitted)

### Page

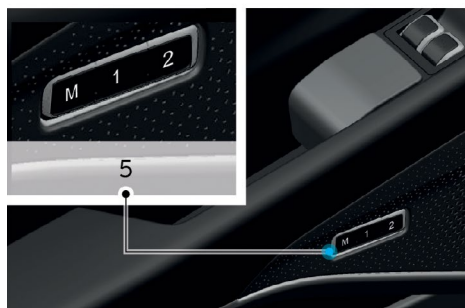
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**SAFETY**

## SAFETY

### Seatbelts


 **WARNING:** Heavy braking may result in serious personal injury if the seatbelts are not used.


### Inertia Reel Seat Belts


Inertia reel seat belts allow forward movement of the upper body under normal driving conditions, but the belt will lock automatically during braking, acceleration, cornering forces, or on impact in a collision. Locking will also occur if the vehicle is tilted in any direction.


### Seat Belt Pretensioners


A severe frontal impact sufficient to trigger the airbag system activates pretensioners within both front seat belt retractors, tightening the belts to increase occupant protection.


 **WARNING:** Seat belts are designed to work with the airbag system. If a seatbelt is not used or is used incorrectly, this may diminish the protection provided by the airbag in the event of a collision.

 **WARNING:** It is essential to replace the entire seat belt assembly and check the seat belt anchorage points if the vehicle has been subjected to a severe impact, even if damage to the assembly is not obvious. The seat belt should be replaced if webbing becomes frayed, contaminated, or damaged. Inspect regularly.

 **WARNING:** No one should travel in a seat with an inoperative seat belt.

 **WARNING:** Not checking or maintaining seat belts can result in them not working properly when needed. Check the belts regularly and have any problem corrected immediately.

 **WARNING:** No modifications or additions should be made to the seat belts.

 **WARNING:** Do not insert any foreign objects into a buckle. In the event of a collision the seatbelts may not function as intended.



**Wearing a Seat Belt**

Before driving, ensure that the driver and passenger always wear seat belts and wear them properly.

Ensure that you are seated comfortably and the vehicle controls, foot pedals and steering wheel are within easy reach, see page 180.

**Fitting**

1. Sit erect and fully back in the seat. Hold the seat belt tongue, pull it across the body and withdraw the belt from the retractor.
2. Lay the belt over the body before pushing the belt tongue into the buckle lock at the inboard side of the seat until a positive 'click' is heard.

3. Pull on the belt to check for correct latching and ensure that the belt fits firmly against the body with all the slack taken up by the reel.

The belt should be worn low across the front of the pelvis (not over the abdomen) and across the chest and shoulder.

**WARNING:** Ensure that no part of the belt is twisted or is entangled in the door or seat mechanism.

**WARNING:** Never use one belt around two people or allow a child to be carried on a driver's or passenger's lap.

**WARNING:** Do not clip or hook the seatbelt to hooks or other interior fittings, as this will prevent the belt from tightening properly.

**WARNING:** Improperly positioning the seat belts can cause serious injury or death in a crash.

## SAFETY

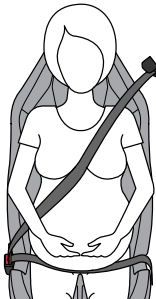
### Releasing



Press the red button on the belt buckle, then let the belt retract.

If the belt does not fully retract, feed it back into the reel by hand so that it is not loose.

### Fitting During Pregnancy



Pregnant drivers should always wear seat belts to protect both themselves and their unborn child.

The diagonal section of the belt should wrap over the shoulder and then be routed between the breasts and to the side of the abdomen.

The lap belt portion of the belt should be kept as low as possible under the abdomen and it must not be allowed to ride upward. Remove any slack from the reel, ensuring it fits as close to the body as possible.

Pregnant drivers must adjust the seat and steering wheel positions to maintain the largest distance possible

between abdomen and steering wheel, but ensuring that the foot pedals and steering wheel can still be easily operated whilst driving.

To maintain control of the vehicle as pregnancy progresses, further seat and steering wheel adjustments may be required.

A doctor should regularly be consulted as to the advisability of driving during pregnancy.

**Door/Seat Belt Reminder**

The reminder alerts unbelted occupants to wear a seatbelt.

**Driver's Display**

The graphic in the driver's display will highlight which seats are occupied and also if the seat belts are belted or unbelted.

With the engine running, the display will also warn if a door, front access panel or tailgate is open. The display indicating the opening to be closed will turn red if the vehicle is moving.

The graphic can be extinguished by pressing the central 'O'/confirm button on the right-hand steering wheel keypad.



If the vehicle is driven at a speed higher than 10 km/h, then the warning symbol in the driver's display will illuminate.

If the graphic and information or warning symbol is displayed, stop the vehicle as soon as it is safe to do so and close the opening indicated.

**Overhead Console**


A visual and audible reminder alert the vehicle occupants if a seatbelt is not being worn. The audible reminder is dependent on vehicle speed.

## SAFETY

### Child Safety

Statistics show that children are safer when properly restrained in the back seat of a vehicle, an option unavailable in this vehicle. In addition, a passenger airbag is fitted, producing a serious risk to children - particularly infants and small children. Please read the information before a child or person of small stature uses the passenger seat.

Only if a passenger (child or adult), is of a physical size (4 feet 5 inches or taller), so that the seat belt can be satisfactorily positioned over the collar bone and against the centre of their chest, and over 110 lb (50 kg), should they be allowed to travel in the passenger seat.

 **WARNING:** A passenger outside of this weight and height group, may not be recognized correctly by the occupant classification sensor system resulting in the incorrect disabling of the front passenger airbag and so should not be transported in the passenger seat. See page xx for further details.


All children regardless of age and size must always sit correctly secured in the vehicle. Never allow a child to sit on the knee of the passenger.

Never allow a child to sit on the knee of the passenger.

### Child Restraints

The only child restraint system that can be used on the passenger seat is a suitable, correctly fitted forward/rearward-facing child seat intended for a baby.

### Booster Cushions

 **WARNING:** Booster cushions must not be used on the passenger seat as the occupant classification sensor may not enable (may not inflate), the forward passenger airbag in the event of a collision.

### Suitable Child Seats

Only universal child seats are suitable for the Emira. See page 37 for further information.

## Child Seat Installation



### Rearward Facing Child Seat

When fitting a rearward facing child seat, ensure that the passenger airbag is disabled, (will not inflate) see page 42. Also refer to information on 'Suitable Child Seats' on page 36.

**WARNING:** Never use a rearward facing child seat on the passenger seat if the airbag is enabled.

**WARNING:** A suitable child seat must be secured correctly using the vehicle's 3-point seat belt.



Warning labels for the passenger airbag system are located on both sun visors.

**WARNING:** Front-facing passengers (children and adults) must never sit on the passenger seat if the passenger airbag is deactivated.

**WARNING:** Never allow anybody to stand or sit in front of the passenger seat.

**WARNING:** Failure to follow the information given regarding seat belts, child seats and airbag systems can endanger life or lead to serious personal injury.

**NOTE:** When using child safety equipment, it is important to read the installation instructions included and fit the equipment properly. In the event of questions when fitting child safety equipment, contact the manufacturer for further information.

**NOTE:** Never leave a child seat loose in the vehicle. Always secure it in accordance to its installation instructions, even when it is not in use.


**NOTE:** Long-term fitment of a child seat may cause wear to the vehicle seat and interior which is not covered by the vehicle warranty.

## SAFETY



### Upper Tether Anchorage Point

An upper tether anchorage point is provided to allow the fitment of a child seat which also requires the fitment of a top tether strap in addition to the passenger seat belt for additional security.

The tether anchorage point is located behind the passenger side of the rear bulkhead panel, identified by the  symbol.

Remove the cover to access the upper tether anchorage point.



### Tether Strap Routing

The tether strap must be routed between the seat backrest and head restraint before attaching the tether strap hook to the tether anchor.

Always follow any instructions supplied with the child seat applicable to using an upper tether anchorage point.



**WARNING:** The upper tether anchorage mount is designed to withstand the forces exerted by a correctly fitted child restraint. Never use it as an adult safety belt or harnesses, as such use could result in serious personal injury or death.

### Suitable Child Seats

Only universal child seats are suitable for the Emira. 'Universal' means the seat is approved for installation in all cars, although you should check that the child seat you select fits well in the passenger seat of your Emira using the 3-point seat belt and top tether (if applicable).

### Automatic Locking Retractor

The safety belt for the passenger seat is equipped with an automatic locking retractor which must be used if fitting a child seat using the seat belt in that position. When activated, this retractor will only allow the seat belt to further retract but not extend allowing you to securely fasten the child seat restraint to the vehicle seat. Refer also to Child Restraints on page 36.

### Activating the Retractor:

1. Pull the whole available length of belt out from the reel. At this point, the locking mechanism is activated. With the belt now in locking mode, it may be retracted but it cannot be extended again until it has been fully retracted into reel.
2. Place the forward-facing child seat in position and secure with the seat belt following the instructions supplied with the child seat.
3. Insert the latch tongue into the buckle and ensure it is properly latched. Push the child seat into the seat back and allow the seat belt to retract until the child seat is held securely in place.

4. Check to make sure the child seat is secured and that the belt is snug and will not extend.

### Removing the child safety seat:

1. Unbuckle the seat belt.
2. Fully retract the seat belt, passing it through the child seat mounting points and remove the child seat.
3. Ensure the seat belt is fully retracted and that the automatic locking feature is disengaged.



**WARNING:** Use of child restraints which are not compatible with the vehicle may result in death or serious injury in the event of an accident. Lotus accepts no responsibility for death or injury caused by the fitment of any child restraint device recommended by Lotus.

### Persons with Disabilities

Persons with disabilities which may affect the correct operation of the airbag system should consult with their physician to determine the advisability of travelling in an Emira. There is no provision on the Emira for manually turning off either the passenger or driver airbag. For further information, contact:


Lotus Cars USA Inc.  
47584 Galleon Drive,  
Plymouth,  
Michigan 48170  
Tel: 734 995 2544

## SAFETY

### Airbag Safety System

In conjunction with wearing seat belts, the airbag system gives the vehicle occupants additional protection in the event of a severe collision.

Airbags are designed to work with the seat belt system. If a seatbelt is not used or is used incorrectly, this may diminish the protection provided by the airbag in the event of a collision.

 **WARNING:** Vehicle occupants can be killed or seriously injured in a crash if they are not wearing a seat belt - even with airbags fitted.

The main components of an airbag system are:

- Electronic monitoring system (SRS control module and sensors).
- Driver airbag.
- Passenger airbag.
- Driver and passenger side airbags.
- Driver and passenger inflatable curtains.
- Pretensioning seat belts.

### Airbag Warning Lamp



A fault has been detected in the airbag safety system if this warning lamp illuminates whilst driving. This could mean that one or more of the airbags may not activate in the event of a collision.



**WARNING:** If the airbag warning lamp does not illuminate as the ignition is turned on, or remains illuminated for more than a few seconds, have the fault rectified immediately by your approved Lotus Retailer. Ignoring the lamp could result in the airbags or belt pretensioners not operating when needed.



**WARNING:** Do not use any electrical test equipment or modify the wiring for any electrical accessories in the vicinity of SRS components or wiring harnesses. Doing so may disable the airbag system or cause its unintended deployment and result in personal injury.



### Seat Belt Pretensioners

A severe frontal impact sufficient to trigger the airbag system activates pretensioners within both front seat belt retractors, tightening the belts to increase occupant protection.



### Driver and Passenger Airbags

The driver's airbag is fitted into the centre of the steering wheel. The passenger airbag is fitted into a compartment above the glovebox. The cover panels for both airbags are marked '**AIRBAG**'.

In a severe frontal collision, the airbags inflate in a fraction of a second to provide protection for the upper body of the occupants.

Dependent upon the angle of collision (front or near frontal) the driver and passenger airbags may activate without activating any other airbags.

The airbags deflate rapidly during the collision to minimise any obstruction to the occupants and reduce any danger of suffocation. During deflation it is normal for smoke to escape from the airbag.



**WARNING:** A passenger will minimise their chances of injury if an airbag deploys in a frontal collision if they sit as upright as possible with their feet on the floor and backs against the seat backrest.

Always hold the steering wheel by the outer rim. Never rest your hands on the airbag cover or attach anything to the steering wheel hub.

Do not put objects in front of or above the dashboard where the passenger airbag is located.

## SAFETY

**⚠ WARNING:** The path of an inflating airbag must be kept clear. If an object is placed between a person and an airbag, the airbag might not inflate properly, or it might force the object into that person causing death or serious injury.



### Passenger Airbag Labels

Warning labels for the passenger airbag system are located on both sun visors.

**⚠ WARNING:** Never use a rearward facing child seat on the passenger seat if the airbag is enabled.

**⚠ WARNING:** A front facing passenger (child or adult) must never sit on the passenger seat if the passenger airbag is disabled.



### Occupant Classification Sensor

The Occupant Classification Sensor (OCS) is designed to meet the regulatory requirements of Federal Motor Vehicle Safety Standard (FMVSS) 208 and is designed to disable (will not inflate) the passenger's side front airbag under certain conditions.

**⚠ WARNING:** A front facing passenger (child or adult) must never sit on the passenger seat if the passenger airbag is disabled.

The occupant classification sensor system is fitted within the passenger seat and seatbelt and is designed to detect a properly seated occupant, classifying the passenger types into one of 2 groups:

**Group 1** - Passenger airbag disabled (will not inflate) in the event of a collision, because the occupant classification sensor system detects that:


- The passenger seat is empty or has small/medium objects placed on the cushion.
- The passenger seat is being used by a baby seated in a suitable, correctly fitted child restraint system (such as forward/rearward-facing child seat).

**Group 2** - Passenger airbag enabled (may inflate) in the event of a collision, because the occupant classification sensor system detects that:


- The passenger seat is being used by a person weighing more than 110 lb (50kg).


Passengers outside of these weight groups, or under 4 feet 5 inches tall, may not be recognized correctly by the occupant classification sensor system and should not be transported in the passenger seat.





If the occupant classification sensor system detects a group 1 passenger type, the upper console displays a message and  symbol informing that the passenger airbag is disabled (will not inflate) in the event of a collision.

The driver display also shows a message that the passenger airbag is disabled.

 **WARNING:** Do not drive the vehicle with a group 1 type passenger, if the upper console and driver displays show that the passenger airbag is still enabled (may inflate) in the event of a collision.


 **WARNING:** Do not drive the vehicle with a group 2 type passenger, if the upper console and driver displays show that the passenger airbag is disabled (will not inflate) in the event of a collision.

 **WARNING:** Never use a rearward facing child seat on the passenger seat if the airbag is enabled.

 **NOTE:** If the passenger airbag has been disabled with the vehicle in ignition position I or lower, the messages will appear approximately 6 seconds after the ignition is put into position II.




## SAFETY



If the occupant classification sensor system detects a group 2 passenger type, the upper console displays a message and  symbol informing that the passenger airbag is enabled (may inflate in the event of a collision).



**NOTE:** If the passenger airbag has been enabled with the vehicle in ignition position I or lower, the messages will appear approximately 6 seconds after the ignition is put into position II.

Passenger seat occupancy status	Occupant classification sensor symbol status	Passenger front airbag status
Unoccupied	 Illuminated	Disabled
Occupied by low weight occupant/object	 Illuminated	Disabled
Occupied by heavy occupant/object	 Not illuminated	Enabled

The occupant classification system is designed to enable (may inflate) the passenger front airbag in the event of a collision anytime the system senses that a person of adult size is sitting properly in the passenger seat. The passenger airbag off indicator lamp is not illuminated.

If a person of adult size is sitting in the front passenger's seat, but the passenger airbag off indicator lamp is illuminated, it is possible that the person isn't sitting properly in the seat. If this happens:

- Turn the engine off and have the person sit upright in the seat, centered on the seat cushion, with their legs comfortably extended.
- Restart the engine and have the passenger remain in this position for about two minutes.
- This will allow the system to detect that person and enable the passenger airbag.
- If the passenger airbag off indicator lamp remains on even after this, then that person should not be a passenger in the vehicle.

This is an indication of limitations of occupant classification system's capability. It does not indicate a malfunction.


#### **Occupant Classification Sensor System Fault**


if a fault is detected in the system, the occupant classification sensor symbol in the upper console and driver display will illuminate and remain illuminated. A message will also be shown in the driver display.




**WARNING:** Do not drive the vehicle with a group 2 type passenger (see page 43), if the upper console and driver displays show that the passenger airbag is disabled (will not inflate) in the event of a collision.


## SAFETY


 **WARNING:** If a fault is detected in the system, be aware that the front passenger airbag will not deploy in the event of a collision. The SRS system and occupant classification sensor should be inspected by a Lotus Retailer as soon as possible.


 **WARNING:** Do not attempt to open, remove or repair any components in the occupant classification sensor system. This could cause the system to malfunction. Repairs should only be carried out by a trained and qualified service technician.


 **WARNING:** The passenger seat should not be modified in any way. This could reduce pressure on the seat cushion, which might interfere with the occupant classification sensor system's function.


This also includes the fitment of aftermarket seat covers and seat heaters.

 **WARNING:** Do not place any objects on the passenger seat when a child is seated on the seat, that could increase the total weight applied to the seat. This extra weight could cause the system to enable the airbag, which may cause it to deploy in the event of a collision.

 **WARNING:** The seat belt should never be wrapped around an object on the passenger seat. This could interfere with the occupancy weight system functionality.

 **WARNING:** The full weight of the passenger seat should always be applied to the seat cushion. The passenger should never lift themselves off the seat cushion using either the door armrest, the center console, by pressing their feet on the floor, by sitting on the edge of the seat cushion, or by pressing against the backrest. This could cause system to disable the passenger airbags.

 **WARNING:** Do not place any type of object on the passenger seat in such a way that jamming, pressing, or squeezing occurs between the object and the passenger seat, other than as a direct result of the correct use of the Automatic Locking Retractor/ Emergency Locking Retractor (ALR/ELR) seat belt, see page 39. No objects should be placed under the passenger seat. This could interfere with the occupant classification system functionality.

 **WARNING:** The occupant classification system is sensitive to larger electrical devices on the passenger seat (like laptops) charging or powered from any of the vehicle power outlets. Such devices may be recognized as adults and receive airbag activation in case of a collision, and they may receive a seat belt reminder warning signal. If this is unwanted, charging of larger electrical devices on the passenger seat should be avoided.

**⚠ WARNING:** Occupant classification system is sensitive to the presence of water on the seat. It has been tested to work correctly with a small amount of water spilled on the seat. If larger amount of water is spilled on the seat, system error will occur, passenger is notified of the airbag malfunction by visual warning. After the seat dries to its operating range, normal function is automatically restored.

**⚠ WARNING:** The occupant classification system is specified to work in -40 to +85°C (-40 to +185°F) temperature range and 0 to 95% relative humidity.



#### Side Airbags

A side airbag is fitted into the outboard side of both seat backrests, identified by the word 'AIRBAG'.

If the vehicle is involved in a moderate to severe side collision, the side airbags deploy between the occupant and the door panel.



**NOTE:** The side airbags may not deploy in all side impact situations.

The airbags deflate rapidly during the collision to minimise any obstruction to the occupants and reduce any danger of suffocation. During deflation it is normal for smoke to escape from the airbag. The seat belt pre-tensioners will also activate at the same time.

**⚠ WARNING:** Never drive with your arm or head out of the window as this will place your arm, head and neck in the path of the side airbag deployment area.

**⚠ WARNING:** Do not place any objects between the side airbag and the door as the airbag might not inflate properly, or it might force the object into the cabin area causing death or serious injury.

**⚠ WARNING:** Do not attach or put anything on the side airbag cover as this may cause the airbag not to inflate properly.

## SAFETY

### Side Airbags and Child Seats

The protection provided by the airbag system to a child seated in a child seat or on a booster cushion is not diminished by the side airbag.



### Inflatable Curtains

An inflatable curtain is mounted along both sides of the headlining and helps protect the driver and outer seat passengers of the vehicle. The panels are labelled with '**AIRBAG**'.

If the vehicle is involved in a moderate to severe frontal, side collision and/or vehicle roll-over, the inflatable curtain is deployed to prevent the occupant from striking their head on the inside of the vehicle during a collision.

The airbags deflate rapidly during the collision to minimise any obstruction to the occupants and reduce any danger of suffocation. During deflation it is normal for smoke to escape from the airbag.



**NOTE:** The inflatable curtain may not deploy in all side impact situations.



**WARNING:** Do not screw or install anything onto the vehicle's roof lining, door pillars or side panels. This could compromise the intended protection.




**WARNING:** Do not overload the cargo area behind the seats to a level higher than 10 cm (4") below the upper edge of the rear side quarterlight windows. Objects placed higher than this level could impede the function of the inflatable curtain.




### Safety Mode


Safety mode is activated if one or more of the safety systems such as the airbags or seat belt pre-tensioners have deployed. The collision may have damaged an important function in the vehicle, such as the fuel/braking system or sensors for one of the safety systems etc.

If the vehicle has been in a collision, but the driver's display and the vehicle's electrical system is still functioning, the message 'Safety Mode See Owner's Manual' and a warning symbol may be shown in the driver's display. When in Safety Mode, the vehicle has reduced functionality.

 **WARNING:** Never attempt to restart the vehicle if you detect the smell of fuel or see any signs of fuel leakage. Leave the vehicle immediately.

Dependent upon the damage to the vehicle, it may be possible to reset the system to start and move the vehicle for the shortest distance possible, (such as to move the vehicle away from a dangerous traffic situation).

 **WARNING:** The vehicle should be inspected after any collision by a Lotus Retailer. Some of the functions may have been lost even if the vehicle does not appear to be damaged.

 **WARNING:** If the vehicle is in safety mode it must not be driven or towed. It must be transported on a flatbed recovery truck to a Lotus Retailer for inspection/repairs.

**KEYS, LOCKS & ALARM**

### Keys

2 keyfobs are supplied which are used to:

- Lock/unlock the vehicle.
- Arm/disarm the vehicle alarm system, see page 65.
- Keyless engine starting when a valid keyfob is inside the passenger compartment, see page 198.
- Manually lock/unlock the doors using the removable key blade if required.



### Keyfob Storage

If only one keyfob is being used, then the other keyfob should be kept in a safe place and a replacement obtained immediately if either are lost.

### Ordering Additional Keyfobs

Additional keyfobs and key blades can be ordered and programmed by a Lotus Retailer.

### Lost or Stolen Keyfobs

If a keyfob or key blade are lost, any others should also be taken to a Lotus Retailer so that the code of the lost keyfob is erased from the vehicle system for anti-theft purposes. The replacement of the vehicle's door lock is also recommended to maintain full vehicle security.



**WARNING:** Always switch off the ignition and do not leave the keyfob in the cabin when leaving the vehicle.



**WARNING:** Never leave the vehicle unattended with the keyfob in the cabin, especially if unsupervised children and/or animals are in the vehicle.



**CAUTION:** Do not modify the keyfob or strike hard objects with it as this could affect its functionality. Problems with the keyfob as a result from this will not be covered under the terms of the vehicle warranty.

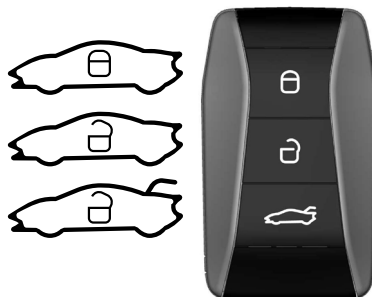
## KEYS, LOCKS & ALARM

### Keyfob Reminder


A keyfob must be in the vehicle cabin to activate the ignition modes and start the engine. If a keyfob is not detected a message is shown in the driver's display.




Key not in car



### Keyfob Buttons

 **Locking:** Pressing the button locks both doors, tailgate and fuel filler flap. The alarm is also armed, see page 64.

Press and hold to close all door windows simultaneously.

 **Unlocking:** Pressing the button unlocks the doors, tailgate and fuel filler flap. The alarm is also deactivated, see page 65.

A longer press opens all door windows simultaneously.

This setting can be changed in the central display, see page 67.



Pressing the button for 1.5 - 2 seconds (approximately), will unlatch the tailgate and unlock and fuel filler flap.

A short press of 0.5 seconds (approximately), will unlock the fuel filler flap only.

### Unlocking Options

Two different unlocking options can be selected.

**Both Doors:** Single button press unlocks both doors simultaneously.

**Single Door:** Single press unlocks the driver's door and a second press unlocks the passenger door.

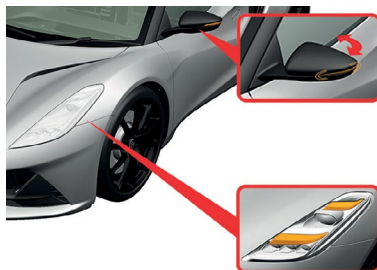
This option can be changed in the central display, see page 67.

### Keyfob Range

Normal operation range is up to 20 metres from the vehicle, but this may be reduced by:

- The vehicle being close to a radio/TV tower/mast or a power station.
- Keyfob being near other wireless equipment, such as a mobile phone, a transmitter or a radio.
- Keyfob being touched or is covered by a metallic material.
- Keyfob being close to an electrical device such as a computer.
- Keyfob internal battery having a low state of charge.
- Environmental conditions.

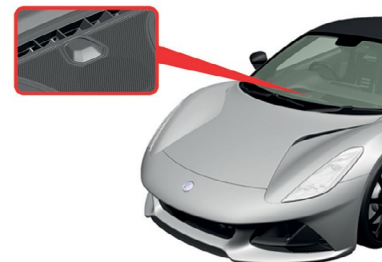
If the doors do not lock/unlock when a keyfob button is pressed - move closer to the vehicle and try again.



### Locking/Unlocking Confirmation

- Locking: The hazard warning lamps flash once, the door mirrors fold inwards and the daytime running lights will fade on-off. Audible feedback for locking is also available, see page 67.
- Unlocking: The hazard warning lamps flash twice and the door mirrors unfold.

Both doors, tailgate, bonnet and fuel filler flap must be closed to lock the vehicle completely and arm the alarm.



### Lock and Alarm Indicator

The indicator on the dashboard flashes to indicate that the vehicle is locked and the alarm is armed, also see page 65.

### Lock Indication Settings

Using the settings menu in the central display, it is possible to select different locking feedback response options:

Visible feedback: on - off


Audible feedback: on - off

Also see door mirrors folding option, page 67.

## KEYS, LOCKS & ALARM

### Locking



Ensure that both doors, tailgate and fuel filler flap are closed then press the  button on the keyfob.

- Both doors are locked.
- The interior lamps (if illuminated) will fade off.
- After 10 seconds the fuel filler flap will lock.
- After 45 seconds the engine is immobilised and the alarm activated.
- At this time the lock/alarm indicator will flash once every 2 seconds.

There is no visible or audible feedback if attempting to lock the vehicle when a door is not fully shut, neither door will lock and the alarm will not be armed.


If attempting to lock with the tailgate open, the doors will lock and the alarm will arm but when the vehicle is unlocked the hazard warning lights will not flash.



**CAUTION:** Do not leave the keyfob in the luggage compartment when closing the tailgate, if the rest of the vehicle is locked and armed, as closing the tailgate will then completely lock the vehicle. The other keyfob will be required to unlock the vehicle.

### Unlocking

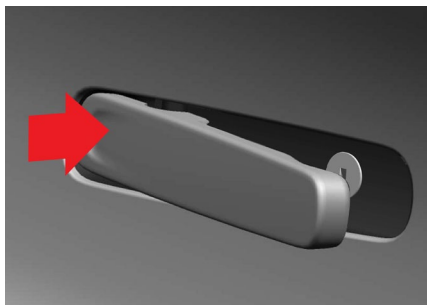


Press the  button on the keyfob.

- Both doors\* and the fuel flap will unlock.
- The lock/alarm indicator on the dashboard will stop flashing\*\*.
- The alarm is disarmed and engine will be mobilised.
- The interior lamp will fade on (if set to the 'courtesy' position), see page 163.

\* Depending on the locking option selected, see page 67.

\*\*Unless a theft attempt has been detected, see page 64.



### Opening a Door from the Outside

With the vehicle unlocked:

- Press the front of the door handle.
- The rear of the handle will pivot outwards.
- Pull the rear of the handle to open the door.

### Automatic Relocking

The vehicle is automatically relocked and the alarm re-armed if a door or tailgate is not opened within 2 minutes of unlocking. This ensures that the vehicle does not remain unintentionally unlocked.

### Automatic Locking

When the vehicle reaches a certain speed, the doors and tailgate will lock automatically see page 67 for setting options.

### Keyfob Does Not Work

Try moving closer to the vehicle and try another unlock attempt.

Refer to page 63 if the keyfob will not lock or unlock the doors.


### Unlocking in an Accident


To aid access in the event of an accident that has deployed the airbags, a door locked from the inside the cabin will unlock automatically.



### Interior Door Locking/Unlocking Door Switches

The doors can be locked and unlocked using the central locking switch in the driver's door panel.

Press the  button to unlock both doors, also see page 52.

With both doors closed, press the  button to lock.

## KEYS, LOCKS & ALARM

### Drive-Away Locking

This selectable option will automatically lock the doors when vehicle speed exceeds 5 km/h (3 mph). The doors will remain locked until an interior door release handle is pulled or the interior central door locking button is pressed. This option can be selected from the centre display, see page 67.



### Unlocking – Door Release Handle

To unlock from the inside, pull a door release handle and release, a second pull will open the door.

### Tailgate Opening Using Keyfob



A press (1.5 - 2 seconds approximately) of the button on the keyfob will unlatch the tailgate and unlock and fuel filler flap.

- The tailgate can now be lifted open.
- The doors remain locked and the alarm armed.
- The lock and alarm indicator on the dashboard extinguishes to indicate that the vehicle is not completely locked.

When closing the tailgate, ensure that the keyfob has not been placed within the luggage compartment.

The alarm system will return to its previous state when the tailgate is closed.




**NOTE:** A short press of 0.5 seconds (approximately) of the button on the keyfob will unlock the fuel filler flap whilst leaving the tailgate latched closed.



**! CAUTION:** Do not leave the keyfob in the luggage compartment when closing the tailgate if the rest of the vehicle is locked and armed as closing the tailgate will then completely lock the vehicle. The other keyfob will be required to unlock the vehicle.

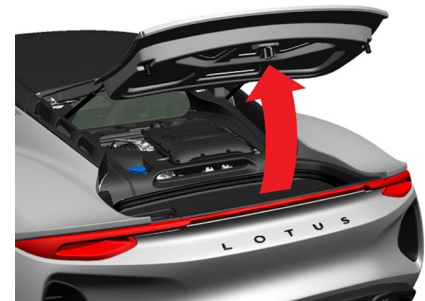


### Tailgate Opening Using Switch

Press and hold the  switch located on the outboard side of the steering column to unlatch the tailgate.

The tailgate can now be opened.

**! CAUTION:** Pressing the switch releases the latching mechanism, therefore if the switch is accidentally pressed, the tailgate must be manually closed before driving or locking the vehicle.

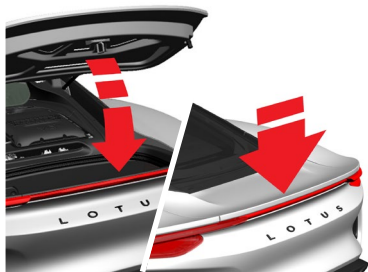


### Lifting the Tailgate

With the tailgate unlatched, lift it fully upwards, the struts will assist with lifting and will hold the tailgate in position once fully raised.

**! WARNING:** The ventilation grilles may become hot, take care to avoid burn injuries. When using the rear luggage compartment, beware of any hot surfaces exposed in the engine bay.

## KEYS, LOCKS & ALARM



### Closing the Tailgate

Pull down the tailgate and press firmly over the centre section of the spoiler ensuring complete engagement of the latch.

Before closing the tailgate, ensure that no persons or objects will be trapped or obstructions that would prevent the tailgate from closing properly.

With the ignition is on, a warning will be shown within the driver display screen if the tailgate is open or not completely closed.

### Luggage Weight

The maximum weight of goods which may be carried in the rear luggage compartment is 50 kg.



**WARNING:** Exceeding these limits can overload the tyres and affect the handling of the vehicle and result in an accident.



**NOTE:** Protect and/or secure luggage as required. Allowing sharp edged or heavy items to slide or roll around the luggage compartment may cause body damage which will not be covered by the vehicle warranty.



**CAUTION:** Do not leave the keyfob in the luggage compartment when closing the tailgate, if the rest of the vehicle is locked and armed, as closing the tailgate will then completely lock the vehicle. The other keyfob will be required to unlock the vehicle.



### Emergency Release Handles

#### Inside Cabin

Open the left-hand door using the mechanical lock if necessary, see page 62.

Pull off the access panel located within the left-hand rear quarter trim panel, behind the left seat.

Pull the handle firmly towards you to release the tailgate latch.

After using the emergency release handle, take extra care to ensure the tailgate is fully closed.



### Inside Luggage Compartment

#### (Child Entrapment)

An emergency release handle is provided if a child should become trapped inside the rear luggage compartment.

The handle at the rear of the compartment should be pulled towards the right hand-side of the vehicle to release the tailgate latch.

Parents should decide if their children should be shown how to use this feature.


### Keyfob Removed from Vehicle

A warning symbol and notification message are shown in the driver display screen if the keyfob is removed from the vehicle when the engine is running.



#### Key not in car

An audible reminder sounds when both doors are closed.

The message extinguishes when the key is returned to the vehicle, or by pressing the steering wheel right-hand keypad's  button, or when both doors are closed.

## KEYS, LOCKS & ALARM

### Keyfob Battery

The usable life of the battery will vary depending on how often the vehicle/key is used.

It is recommended to change the batteries annually. The battery for the keyfob should definitely be replaced if:

- The ⚠ warning symbol and notification message are shown in the driver display screen.



Remote key battery low

- The locks repeatedly do not react to signals from the keyfob within 20 metres of the vehicle.



### Opening the Battery Case

Pry open the end of the battery cover using either your finger or thumb nail, then lift the cover away.



### Removing the Battery

Lifting the battery up from its edge, remove it from the keyfob.



### Installing a New Battery

Ensure the battery is facing with the (+) side upwards. With the edge of the battery slightly downwards, place the battery into the battery holder.

**CAUTION:** Avoid touching the electrical contact surfaces on new batteries with your fingers as this may impair its function or reduce its usable life.

**NOTE:** Replace only with a 3V, CR2032 type battery.



### Closing the Battery Case

Slide the hooked lipped end of the battery cover into the slots at the end of the keyfob case, then close the battery cover back into place, a clicking noise indicates that the cover is securely closed.

**WARNING:** Check that the battery is fitted correctly. If the remote control key will not be used for a long time period, remove the battery to avoid battery leakage and damage. Damage or leaking batteries may cause corrosive injury on contact with the skin. Always use protective gloves when handling damaged batteries.

**WARNING:** Keep batteries out of the reach of children and pets as they can be swallowed.

**WARNING:** Batteries must not be dismantled, short-circuited or thrown into open flames.

**WARNING:** Do not attempt to charge non-rechargeable batteries, this may cause an explosion.

**WARNING:** Check the remote control key for any damage before use. If damage is discovered, such as if the battery cover cannot be closed properly, then the key should not be used. Keep defective products out of the reach of children.

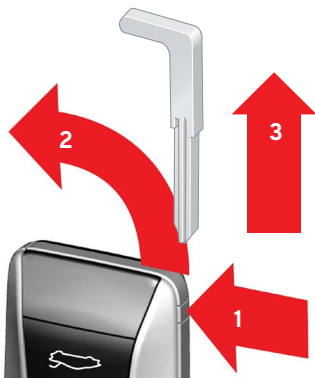


Only dispose of the battery at an official recycling collection point. Do not dispose of with any other general household waste.

## KEYS, LOCKS & ALARM

### Emergency Key Blade

The keyfob contains a detachable key blade which can be used in the event of a vehicle electrical, keyfob or vehicle electrical failure so that the left-hand side door can be unlocked manually to gain access to the vehicle cabin.



### Removing the Key Blade

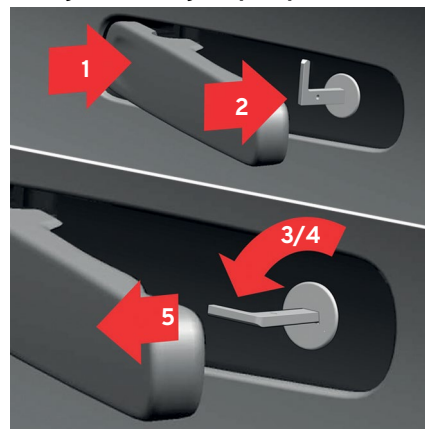
- 1 Using either your finger or thumb, press and hold the release button on the side of the keyfob.
- 2 The panel at the end of the keyfob will open.

- 3 Pull the key blade out of the keyfob casing.

### Refitting the Key Blade

Place the key blade back into the keyfob casing, sliding the key blade into the casing until it clicks into place then close the end cover.

### Using the Emergency Key Blade



### Unlocking the Left-Hand Door

- 1 Press the front of the left-hand side door handle and hold the rear of the handle so that the lock is visible.
- 2 Insert the key blade into the lock.
- 3 Rotate the key blade a quarter turn counter-clockwise.
- 4 Rotate the key blade clockwise to its starting position.

**5** Remove the key blade from the lock and release the handle so that it is resting against the door.

- Pull the handle and the door will open.
- Once inside the cabin, the right-hand side door can be opened using the interior release handle.

### Locking the Left-Hand Door

Perform steps 1, 2, 4 and 5 as shown for unlocking, but rotate the key blade a quarter turn clockwise instead of counter-clockwise as shown in step (3).

**NOTE:** The right-hand side door will remain in either the locked or unlocked condition the central door locking system was set to prior to keyfob or vehicle electrical failure and cannot be changed until central door locking operation is fully restored.



### Deactivating the Vehicle Alarm

**NOTE:** The alarm is triggered when the door is unlocked and opened using the emergency key blade.

- Place the keyfob in the recess towards the rear of the storage area within centre console arm rest.
- Press the start button.
- The alarm siren will silence and the alarm is deactivated.

See pages 199 onwards for starting the vehicle.

### Alarm

When armed, the alarm is triggered if:

- A door or the tailgate is opened.
- Movement is detected in the cabin (if fitted with a movement detector\*).
- The vehicle is raised or towed away (if fitted with a tilt detector\*).
- The starter battery cables are disconnected.
- The siren is disconnected.

\* If fitted.

## KEYS, LOCKS & ALARM

### Alarm Triggering Signals

When the alarm has been triggered:

- The alarm siren will sound for 30 seconds or until the alarm is deactivated.
- The hazard warning lamps will flash for 5 minutes or until the alarm is deactivated.
- If the cause of alarm triggering is not rectified this alarm cycle is repeated for up to 10 times.

### Immobiliser

The immobiliser system prevents an unauthorised person from starting the vehicle. The vehicle can only be started with the correct keyfob.

A warning symbol and notification message are shown in the driver display if either an incorrect key or if no key is detected when attempting to start the engine.



**Car key not found**



### Lock and Alarm Indicator

The flashing rate of the LED on the dashboard indicates the alarm system's status.

### Not Flashing

Alarm not armed.

### Flashing Every 2 Seconds

Alarm armed.

### Flashing Rapidly after Dis-Arming

Alarm has been triggered, the LED flashes rapidly for a maximum of 30 seconds or until ignition position I has been activated, see page 198.



### Movement and Tilt Sensors

If fitted, these sensors react to movements inside the vehicle, or if anyone tries to raise or tow away the vehicle.

The movement sensor triggers the alarm if movement is detected within the vehicle cabin. Because air currents are also detected as movement, the door windows should be closed when locking the vehicle/arming the alarm.

The movement and tilt sensors should be deactivated when the vehicle is being transported, (such as by recovery transporter, train or ferry), as movements whilst being transported may trigger the alarm.

To temporarily deactivate the movement and tilt sensors, see 'Reduced Alarm Level' on page 140.

### Alarm System Fault

A warning symbol and notification message are shown in the driver display if a fault is detected within the alarm system.




Alarm system sensor fault

If displayed contact an authorised Lotus Retailer.

### Arming the Alarm




Ensure that both doors and the tailgate are closed then press the  button on the keyfob.

- Both doors are locked, the immobiliser is activated and the alarm is armed.
- The lock and alarm indicator will flash once every 2 seconds, see page 64.

## KEYS, LOCKS & ALARM

### Disarming the Alarm



Press the  button on the keyfob.

- The doors will unlock\*.
- The lock/alarm indicator on the dashboard will stop flashing\*.
- The alarm is disarmed and engine will be mobilised.

\* Depending on the locking option selected, see page 67.

\*\*Unless a theft attempt has been detected, see page 64.

### Lotus Vehicle Tracker


If fitted, the Lotus Vehicle Tracker is supplied with 2 driver identification tags. If the vehicle is moved without any tags present (in the event of key cloning or key theft) or if the vehicle battery is disconnected, the tracker alerts Scorpions' UK based 24/7/365 monitoring centre.

In an alert event the vehicle is live tracked and the vehicle's owner is contacted. Refer to the user guide for further information.

### Switching off a Triggered Alarm



Either:

- Press the  button on the keyfob.
- Set the vehicle in ignition position I by pressing the start button, see page 198.

### Automatic Re-arming

The vehicle is automatically relocked and the alarm re-armed if a door or tailgate is not opened within 2 minutes of unlocking. This ensures that the vehicle does not remain unintentionally unlocked and the alarm system disarmed.

In certain markets, the alarm is armed automatically after a certain delay after the driver's door has been opened and closed without being locked.

This setting can be changed in the central display, see page 67.

### Reduced Alarm Level

The allows the movement and tilt sensors to be temporarily deactivated.

Deactivation may be required when a person or animal is to be left in the locked vehicle or if the vehicle is being transported, (such as by recovery transporter, train or ferry), as movements may trigger the alarm.

This setting can be changed in the centre display, see page 67.

If the doors remain closed after the unlock and are then relocked, the alarm will continue to remain in the reduced alarm level state.

### Alarm/Locking Preset Options

From the Global Settings and App Options button side bar in the centre display, select: Car > Security.

See page 137 for further information.

The following statements are mandated by the Federal Communications Commission:

- CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY LOTUS RESPONSIBLE FOR
- COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.
- THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES.
- OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:
  - 1) THIS DEVICE MAY NOT CAUSE INTERFERENCE AND
  - 2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION OF THE DEVICE.
- THIS DEVICE COMPLIES WITH FCC RADIATION EXPOSURE LIMITS SET FORTH FOR AN UNCONTROLLED
- ENVIRONMENT AND MEETS THE FCC RADIO FREQUENCY EXPOSURE GUIDELINES IN SUPPLEMENT (OET65). THIS TRANSMITTER MUST NOT BE CO-LOCATED OR

## **KEYS, LOCKS & ALARM**

OPERATING IN CONJUNCTION  
WITH ANY OTHER ANTENNA OR  
TRANSMITTER.

**DISPLAYS, WARNINGS AND GAUGES**

## DISPLAYS, WARNINGS AND GAUGES

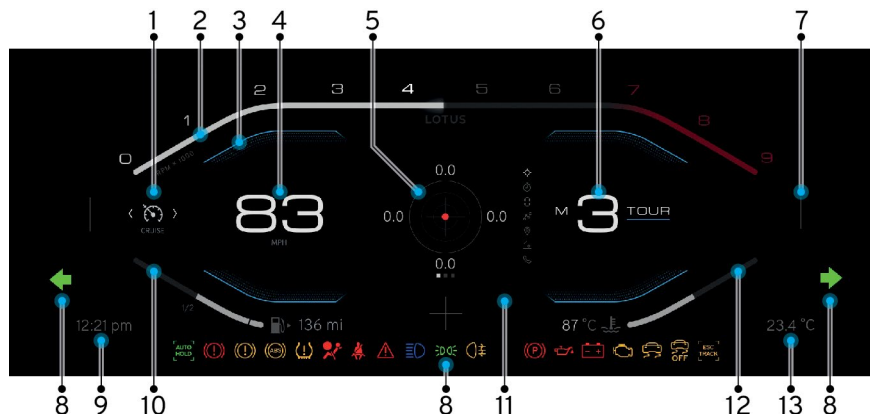
### Driver Display

- 1 Speed limiter or cruise control option selected, 98.
- 2 Tachometer (RPM), 79.
- 3 Performance gear shift & launch control indicator, 80 & 82.
- 4 Speedometer, 78.
- 5 Widget options & notifications, 86.
- 6 Gear selected & drive mode, 81 & 82.
- 7 Turn-by-turn navigation 92\*.
- 8 System status & warning lamps, 72
- 9 Clock, 78.
- 10 Fuel gauge, 76.
- 11 Driver assistance options, 118.
- 12 Engine coolant temperature, 77.
- 13 Outside air temperature, 78.

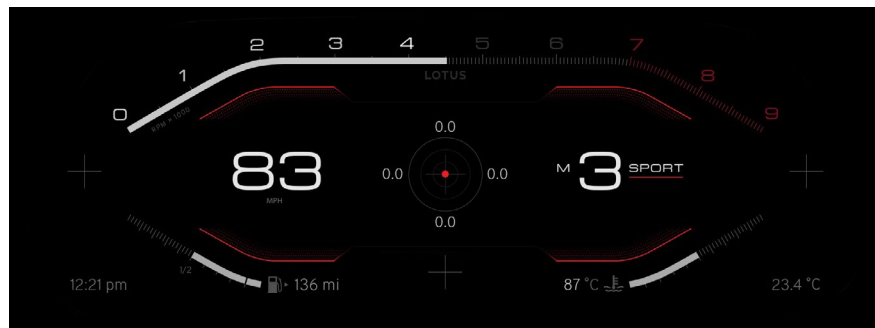
\* Refer to separate infotainment guide.

For central display see page 137.

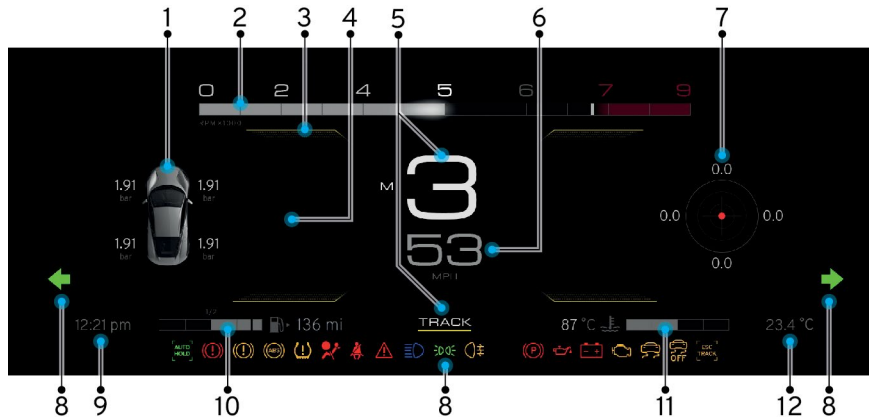
### Tour Mode



### Sport Mode



### Track Mode (If equipped).



- 1 Track widget 88 and turn by turn navigation\*, 92.
- 2 Tachometer (RPM), 79.
- 3 Performance gear shift & launch control indicator, 79 & 82.
- 4 Driver assistance options, 118.
- 5 Gear selected & drive mode, 81 & 82.
- 6 Speedometer, 78.
- 7 Widget options & notifications, 86.
- 8 System status & warning lamps, 72. Direction indicators, 160.
- 9 Clock, 78.
- 10 Fuel gauge, 76.
- 11 Engine coolant temperature, 77.
- 12 Outside air temperature, 78.

\*Refer to separate infotainment guide.

### Indicator Symbols

These are used to indicate either:

**Status:** A system or control has been selected, (such as turn signals, cruise control etc).

**Warnings:** Potential vehicle system faults, (such as low brake fluid level, engine oil level etc).






### Indicator Check





To check that all warning systems are operative, symbols used for warning alerts illuminate for approximately 3 - 6 seconds when in ignition mode II, see page 198. If any indicator fails to illuminate contact your Lotus Retailer immediately.

A warning symbol flashing constantly or permanently illuminated whilst driving may indicate a fault in the operation of the system concerned. Do not ignore any illuminated warning lights; contact your Lotus Retailer immediately.




## DISPLAYS, WARNINGS AND GAUGES

### System Status Indicator Symbols





Symbol	Description
	<b>Information/Notifications</b> Illuminates amber in conjunction with text and other symbols on the driver display.
	<b>Parking Brake</b> Illuminates red when the parking brake has been applied. Page 215.
	<b>Left &amp; Right Hand Direction Indicator</b> Flashes green when the direction indicators or hazard lights are active. Page 160.
	<b>Position and Low Beam Lamps</b> Illuminates green when the position and low beam lamps are active. Page 158.
	<b>High Beam Lamps</b> Illuminates blue when the high beam lamps are active. Page 160.

Symbol	Description
	<b>Active High Beam</b> (If available) Illuminates white when selected and blue if active. Page 159.
	<b>Electronic Stability Control Off</b> Illuminates amber if the stability program has been manually turned off. Page 214.
	<b>ESC Track</b> Illuminates amber with track driving mode selected. Page 219.
	<b>Seatbelt Reminder</b> Illuminates or flashes red if a seat belt is not fastened. Page 35.




Symbol	Description
	<b>Passenger Airbag On</b> Illuminates red to indicate that the passenger airbag is activated and an adult can sit safely in the passenger seat. Never sit a child on a booster cushion. Never use a rearward facing child seat on the passenger seat if the airbag is activated. Page 42.
	<b>Passenger Airbag Off</b> Illuminates amber to indicate that the passenger airbag is disabled and a child in a rearward facing child seat can sit safely on the passenger seat. Page 43.
	<b>Low Fuel Level</b> Illuminates amber indicating a low fuel level in the fuel tank. Page 76.

## Warning Symbol Illumination




Symbol	Description
	<b>General Warning Triangle</b> Illuminates red in conjunction with other warnings when a fault has been detected which could affect the safety or drivability of the vehicle. An explanatory text may also be shown on the driver display at the same time.
	<b>Brake Fault</b> Illuminates red if the brake fluid level is excessively low or a fault is detected in the braking system.
	Illuminates amber to indicate if a fault in the electronic parking brake system is detected.
	<b>Electronic Stability Control</b> Illuminates amber if the stability program has been activated. Page 214.

## DISPLAYS, WARNINGS AND GAUGES

Symbol	Description
	<p><b>Malfunction</b> Illuminates amber. If illuminated continuously whilst driving, a fault in the vehicle's emission system is detected. Reduce speed immediately and seek Lotus Retailer advice without delay. Avoid all unnecessary journeys.</p> <p>Flashes when a fault occurs that could cause overheating damage to a catalytic converter. Slow down immediately and prepare to stop. If the lamp stops flashing and is illuminated continuously, proceed with caution and seek Retailer advice. If the lamp continues to flash, stop the vehicle as soon as it is safe to do so and switch off the engine. Seek Lotus Retailer advice.</p>









**WARNING:** Continuing to drive the car with the lamp flashing may cause an engine bay fire.




Symbol	Description
	<p><b>Anti-Lock Braking System (ABS)</b> Illuminates amber if the system is not operating. The vehicle's regular braking system will continue to operate but without the ABS function. Page 212.</p>
	<p><b>Oil Pressure</b> Illuminates red. If the light fails to go out after engine start up, or comes on when the engine is running, stop the engine immediately or when it is safe to do so. Do not restart until the cause has been rectified.</p>
	<p><b>Coolant Temperature</b> See page 77 for further information.</p>



**CAUTION:** Continuing to drive the vehicle with the coolant temperature or oil pressure lamp illuminated may result in engine damage.

Symbol	Description
	<b>Battery Charging</b> Illuminates red if the battery is not being charged when the engine is running. Stop the vehicle as soon as safely possible and turn off the engine immediately as engine cooling may also be affected and could cause the engine to overheat very quickly.
	<b>Airbags</b> Illuminated red. If the lamp remains illuminated or illuminates whilst driving, a fault in the airbag or pre-tensioned seat belt system has been detected, which should be rectified without delay. Page 40.
	<b>Wiper Fault</b> Illuminates red when a fault in the wiper system is detected. Page 167.

Symbol	Description
	<b>Tire Pressure System</b> Illuminates amber when a tire pressure is too low. If selected as a widget option, information can also be shown in the driver display. Page 270.  If there is a fault in the tire pressure system, the symbol will flash for approximately 1 minute and then illuminate with a constant glow indicating that the system cannot detect or warn of low tire pressure as intended.
	<b>Brake Light Fault</b> Illuminates amber when a fault in the brake light system is detected.
	<b>Direction Indicator Fault</b> Illuminates red when a fault in the direction indicators system is detected. Page 160.

Symbol	Description
	<b>Lane Departure Warning</b> (If available) Illuminates amber if this feature has been deactivated. Page 119.
	<b>Forward Collision Warning</b> (If available) Illuminates amber if this feature has been deactivated. Page 129.
	At the time of printing, this symbol for forward collision deactivation may be shown in your quick start guide.

## DISPLAYS, WARNINGS AND GAUGES



### Messages


Certain symbols generate a chime, message and icon overriding either the central or the right-hand side of the driver's display screen.

Messages displayed indicate that either a vehicle system has been activated, vehicle information is available or that a system fault has been detected.

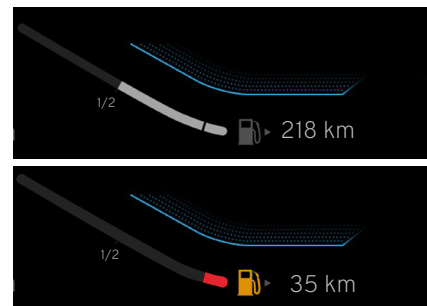
The message will inform the driver of any actions to be taken.

Some messages may only appear briefly and are then stored as notifications, but any associated message symbols will remain illuminated until the fault is rectified, or until the next drive cycle (when the engine is turned off and on again).

Messages may automatically delete when the fault is rectified or action is taken, (such as refilling the windscreen washer bottle or fitting a seatbelt).


Messages that indicate a severe safety or system malfunction fault will remain constantly displayed until the message is acknowledged by the driver by pressing the  confirm button on the right-hand steering wheel keypad.


See page 94 for viewing stored notifications.




### Fuel Gauge

The white zone within the gauge line indicates the quantity of fuel within the fuel tank. As fuel is consumed the length of the white (beige) zone shortens.

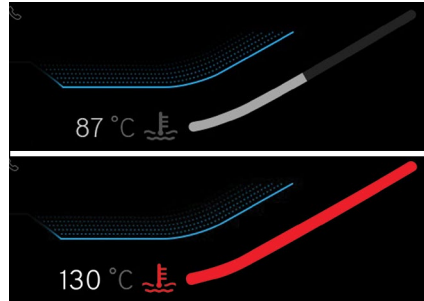
The fuel range, the approximate distance that the vehicle can travel calculated on the fuel available is shown next to the  symbol. The average and instantaneous fuel consumption can also be displayed, see page 87.

When approximately only 6 litres of fuel is remaining the  symbol in the instrument panel will illuminate amber and notification messages will appear in the driver's display, also see page 72.


If the  symbol is illuminated, refuel at the next opportunity, (see page 226). Only use the remaining fuel for emergency use. Using this fuel may cause intermittent fuel starvation and potential engine damage. In such situations the driving style should be modified to minimise engine load and cornering forces.


Due to the remaining fuel within the fuel tank, the fill-up quantity could be less than the specified tank capacity shown within the 'Technical Data Section'.

**! CAUTION:** Do not allow the tank to run completely dry, as this could damage the catalytic converters and fuel pump. Any such consequence would not be covered by the New Vehicle Warranty.



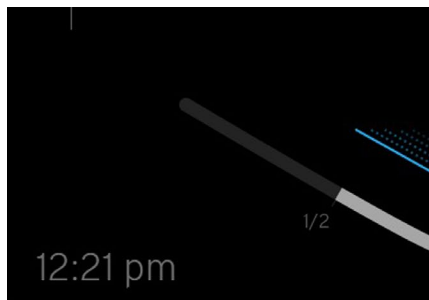
### Engine Coolant Temperature Gauge

The length of the white zone increases as the coolant becomes warmer. The current coolant temperature is also shown next to the  temperature symbol.

If the coolant temperature becomes too hot, then the gauge line will become red in colour, the  symbol will also illuminate red and notification messages accompanied by a 1 second audible chime will also appear in the driver's display, also see page 76.

Ensure to follow the instructions on any engine coolant temperature notification messages that are displayed in the driver's display. These messages may include stopping the vehicle immediately and turning off the engine to prevent potential engine damage.

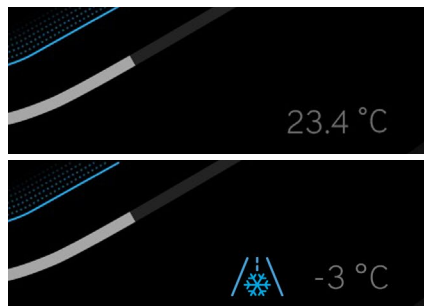
## DISPLAYS, WARNINGS AND GAUGES



### Clock

The clock is shown in both the driver and centre displays.

In the driver's display, the clock is located at the bottom left of the screen. See page 141 for available date and time setting options.



### Outside Air Temperature

The outside air temperature is shown at the bottom right of the screen. See page 140 for available setting options.

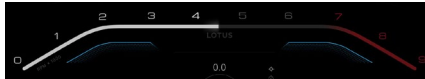
A ❄️ snowflake symbol and warning message will appear accompanied with a 1 second audible chime if the outside temperature range is between -5°C to +2°C.



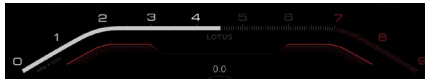
### Speedometer

The speed units shown can be changed between mph or km/h. Change the units by selecting from the centre display: Global Settings and App Options → System → Units, also see pages 141 and 146. This will also change the odometer distance units to the relevant values in the trip computer widget display.

If dual speed units is selected from the trip computer widget option, the alternative speed units will be shown in the widget display. See page 87.



**Tour Drive Mode**



**Sport Drive Mode**



**Track Drive Mode**

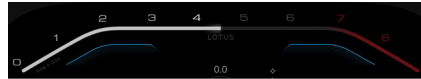
### Tachometer

Displays the engine speed in revolutions per minute, (rpm).

The tachometer layout displayed is specific to the vehicle drive mode selected.

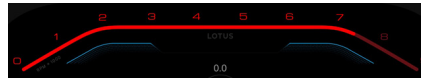
The white zone within the gauge line represents the current engine speed. As engine speed increases the length of the white zone increases and the speed digit representing the rpm x 1000 is illuminated.

The LOTUS logo will begin to illuminate, becoming brighter as engine speed increases.



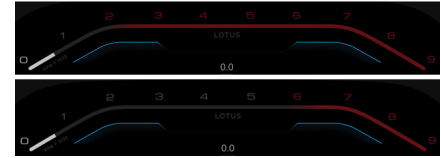
The 'red line zone' section of the tachometer represent the revolutions above the safe operating speed of the engine.

The maximum rpm display may vary dependant on the drive mode selected.



If the engine approaches or goes above the maximum safe engine speed, the gauge line and all speed digits will illuminate red.

### Cold Engine Speed

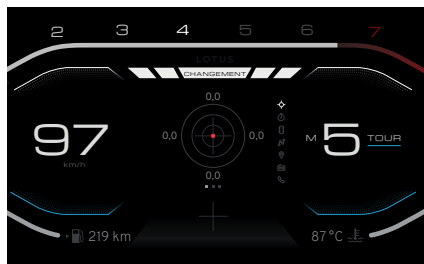


For V6 models, maximum engine speed is graduated up to a maximum of 6,000 rpm during engine warm up until normal running temperature has been reached, the revised maximum rpm value display in the red line zone during engine warm up is shown.

**CAUTION:** The use of wide throttle openings and/or high rpm before normal running temperature has been reached should be avoided to reduce possible damage and wear.

**CAUTION:** Do not run the engine continuously at its maximum speed. The engine is not protected from over speeding caused by inaccurate or premature gear down changing, which could cause engine failure not covered by the vehicle warranty.

## DISPLAYS, WARNINGS AND GAUGES



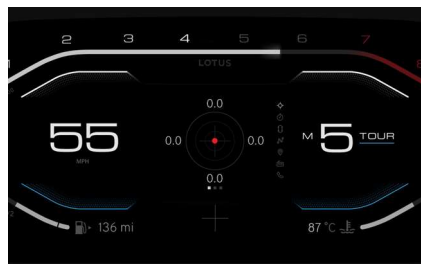
### Performance Gear Shift Lighting

This feature allows the driver to see the optimum upshift gear change points to ensure that the engine and transmission provide the maximum acceleration possible in every gear as well as warning the driver if the engine speed becomes too high.



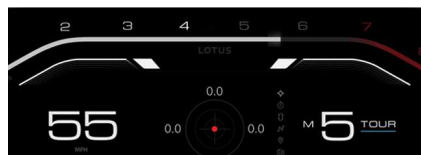
**NOTE:** For automatic transmission models, this option is only available with manual mode selected.

For information on the gear shift indicator for improved fuel economy, see page 81.

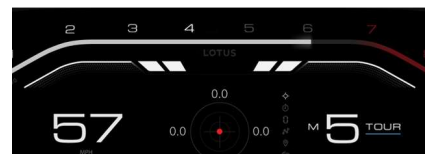


### Upshift Indication Points

As engine speed increases and reaches the first shift level point, the upper part of the drive mode indicator lines change to performance shift lighting, turning white in colour.



If engine speed continues to increase whilst remaining in the same gear, the second shift level will be reached, illuminating the outer shift blocks.



Continued increase in engine speed whilst remaining in the same gear will illuminate the third, inner level shift blocks.



The performance shift lines and shift blocks will slowly flash and **SHIFT** will be displayed as engine speed continues to increase, indicating to the driver that the ideal shifting point has now been reached.





If the prompt to shift gear is ignored and the engine speed exceeds the final shift point, the performance shift lines and blocks will flash faster.

### Gear Display

The gear indicator shows the current gear position selected.

### Manual Transmission Models

Display available:

Neutral

Reverse

Gears 1 – 6



### Automatic transmission models

Automatic mode display:

P – Park

R – Reverse

N – Neutral

D – Drive

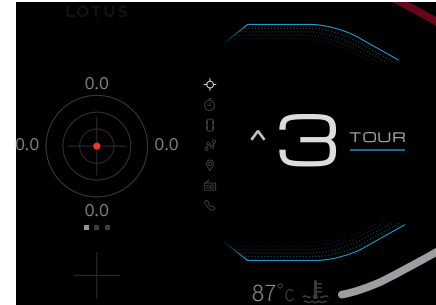


Manual mode display:

Gears 1 - 6

'M' - Manual

Mode will also be displayed.



### Gear Shift Indicator

An upshift arrow illuminates next to the current gear selected if the performance currently required can be achieved with improved fuel economy in a higher gear.

For automatic transmission vehicles this functions only when 'Manual Gear Selection Mode' is selected, see page 207.

## DISPLAYS, WARNINGS AND GAUGES

### Drive Mode Display

The driver's display is linked to current drive mode selected, also see page 70.

### Lotus Launch Control

Only selectable if Lotus Launch Control is equipped on the vehicle.

This feature is only available for Emira V6 automatic transmission models or Emira 4-cylinder models fitted with the 8-speed dual clutch transmission system.



**CAUTION:** For Emira 4-cylinder models, do not use Lotus Launch Control until 1500 km have been exceeded. Also refer to the 'Running-In' section on page 224 for further information.

Lotus Launch Control can be activated in every drive mode for Emira V6 models. For Emira 4-cylinder models, it can only be activated in either sport or track mode.

The most engine torque possible for this feature is available with the vehicle set in track mode to produce the fastest possible acceleration from a standing start.



**WARNING:** Under no circumstances should this feature be used on public roads.

### Lotus Launch Control Preparation

To perform a Lotus controlled launch, the following vehicle conditions must be met:

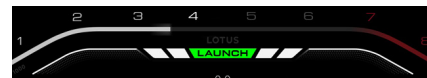
- Vehicle must be stationary, with the doors closed.
- Engine oil, coolant and transmission fluid are all in the normal operating temperature range.
- Steering wheel must be in the straight-ahead position.
- All tyres should be within their recommended inflation pressures.
- There are no system faults present causing either the MIL (Malfunction Indicator Light) or stability symbol lamp illumination, see page 73 for further information.
- Current vehicle mileage is more than 800 km, (Emira V6 models only).

### Activating Lotus Launch Control

With the engine at idle speed:

1. Release the parking brake.
2. Depress the brake pedal firmly with your left foot.
3. With the transmission in automatic mode, select D – Drive.
4. With your left foot remaining on the brake pedal, quickly depress the accelerator pedal fully with your right foot. The engine speed will increase to its set limit.

A notification message is shown in the driver's display if not all of the launch control preparation conditions are met.



If all of the preparation and activation conditions are met, the upper drive mode indicator lines change to white in colour, converting almost instantaneously into a launch timer.

The launch timer continues counting down. Once launch mode is ready **LAUNCH** is displayed.

Release the brake pedal with your left foot whilst continuing to keep the accelerator pedal firmly depressed. The vehicle will perform a launch start, providing maximum acceleration. Further controlled launches can be performed after the engine oil, coolant and transmission fluid return to their normal operating temperature range.

## **DISPLAYS, WARNINGS AND GAUGES**

### **Deactivating Lotus Launch Control Whilst Accelerating**

Release the accelerator pedal or apply the brake pedal.

### **Whilst Stationary**

Release the accelerator pedal or wait for approximately 5 seconds until launch control is deactivated. The message 'Launch Mode aborted' will be shown on the Driver Display.

Or

If one or more of the launch control parameters as shown on page 83 are no longer met.

**DRIVER DISPLAY WIDGETS**

## DRIVER DISPLAY WIDGETS

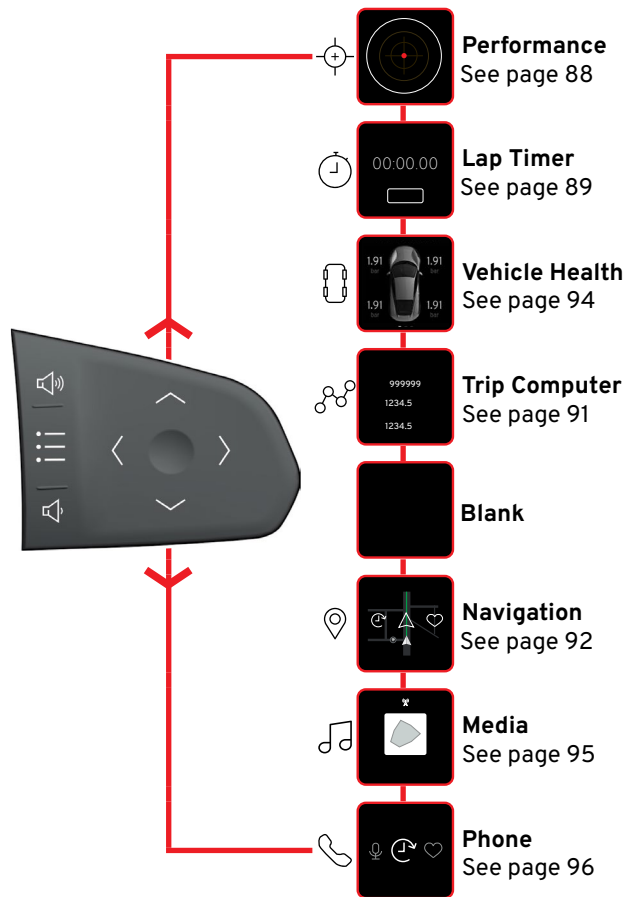
### Widget Options

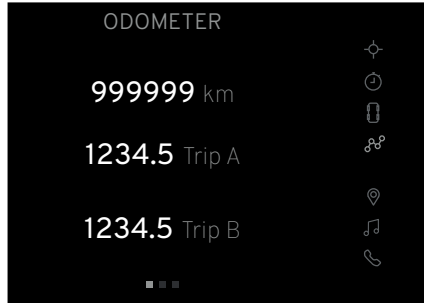
driver display widgets are controlled using the right-hand steering wheel keypad. They can also be viewed in the central display screen, see page 150.

**⚠ WARNING:** Do not become distracted by these system options whilst driving. You could cause an accident.

- Press or swipe the ○ button to view the widget options.
- Use the 🗣 button in left-hand keypad to start voice call or navigation search functions.
- □□□ is shown below the widget if any other screen options for that widget are available.
- View any available displays for a widget by pressing the < > buttons or 🖱 swipe the ○ button.
- Press the ○ button to select an option.
- Press ≡ to access any available menu setting options.
- If no other function is active, the 🔊 🔊 buttons are used for volume control.

Swipe down over the buttons reduces the volume to minimum, swipe up to set the volume to mid-level.





**Trip Computer**

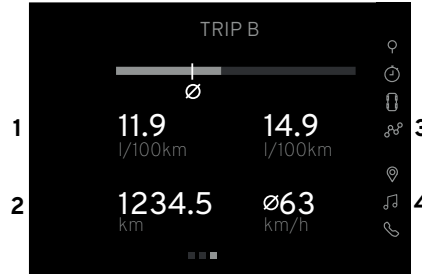
## Odometer Screen

### Odometer

Displays the total distance the vehicle has travelled; this cannot be reset.

**Trip A** Displays the distance the vehicle has travelled since trip A was last manually reset.

**Trip B** This can be set to display the distance the vehicle has travelled during one drive cycle or since the fuel tank was last refuelled.



## Trip A & B Screens

These screens display:

- 1 Instantaneous fuel consumption.
- 2 Trip A Screen:  
Distance travelled since trip was last manually reset.
- 2 Trip B Screen:  
Distance travelled during current drive cycle or last fuel tank refuel.
- 3 Average fuel consumption since trip was last reset.
- 4 Average speed or dual speed displays, also see page 78.

## DRIVER DISPLAY WIDGETS



### Performance

View the widget menu screens using the steering wheel right-hand keypad controls as shown on page 86.

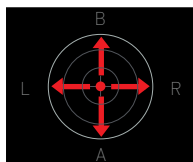
#### g-Force Meter

A - Acceleration


B - Braking

L - Left



R - Right

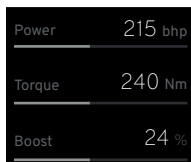


The current directional g-force experienced by the vehicle is shown by the red dot as it moves across the area within the circles, which represent the different levels of g-force.



Pressing  displays the maximum g-force values (measured as g), attained during the current drive cycle.

#### Performance Gauges

Press  or  to display current engine performance data.



#### Downforce Gauge




Press  or  to display the current downforce. The number of illuminated airstream lines above the vehicle increase as downforce increases.



#### Track Widget

This menu is available if the vehicle is equipped with the track mode option.

Press  or  to display the track widget.

Press  or  then press  to select an option.

With the driver's display in track mode, the track widget selected is shown on the left of the screen and the other menu option selected is shown on the right.





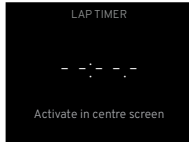


## Lap Timer

View the widget menu screens using the steering wheel right-hand keypad controls as shown on page 86.

### Starting a Session

The first session of a new ignition cycle must be activated from the centre display, see page 150.



The current lap number is displayed above the activated timer.

### Recording a Lap Time

With the LAP button highlighted, pressing  $\odot$  again stops the timer and records the lap time. If this is the first lap, then it will be recorded as the current best lap time.



### Starting a New Lap

With the LAP button highlighted, Press  $\odot$  again to start a new lap and again to stop the timer.



If a best lap time is available when a new lap is registered, then the time difference between the previous lap time and the current best lap time for the session is displayed for 10 seconds.



If the current lap time is slower than the best lap registered lap time, the time difference will be shown in red.

If a quicker lap time is achieved, the time difference will be shown in green.

## DRIVER DISPLAY WIDGETS

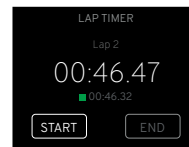
### Stopping a Lap



The timer can be stopped during a lap and reset to zero.

Press to highlight the STOP button.

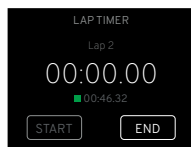
Press to stop the timer.



The timer for that lap is reset to zero and the STOP button is replaced by a START button.

With START highlighted, press to restart the timer for that lap.

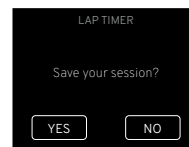
### Ending a Session



Press to highlight the STOP button as shown above.

Swipe again to highlight the END button.

Press to end the session.



### Saving a Session

A message asking if the session should be saved is displayed.

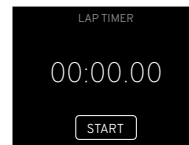
Press to highlight YES or NO then press to select.



If YES is selected, a message confirming the session has been saved is displayed.



If NO is selected, a prompt is displayed. A notification will also be shown in the centre display screen when a session is saved.



The lap timer start menu is displayed. Press to start a new session.

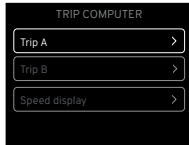
Press or to view another menu option.



## Resetting Trip Computer

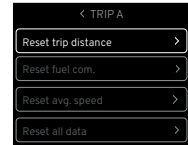
View the menu widget screens using the steering wheel right-hand keypad controls as shown on page 86.

### Trip A



From the trip menu, press or to display trip computer.

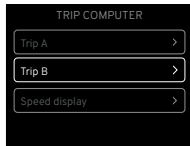
Press or to highlight Trip A and press to select.



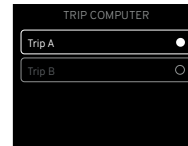
Press or to highlight reset option and press to select.

Note: All options for trip A can also be reset by pressing the reset button on the end of the the light switch, see page 161.

### Trip B

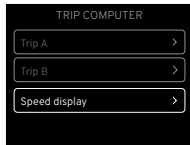


From trip computer menu press or to highlight Trip B and press to select.

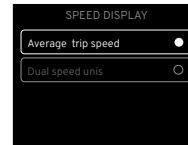


Press or to highlight reset option and press to select.

### Speed Display



From trip computer menu press or to highlight Speed display and press to select.



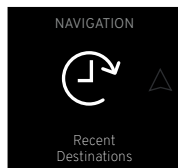
Press or to highlight speed option and press to select.

## DRIVER DISPLAY WIDGETS



### Navigation

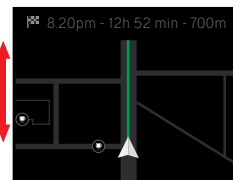
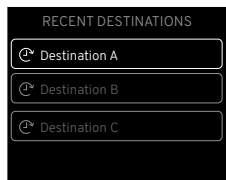
View the widget menu screens using the steering wheel right and left-hand keypad controls as shown on page 86. Also refer to the separate infotainment booklet for further information.



#### Recent Destinations

Press <> or to display.

Press to enter menu to display a list of recent destinations.



Press or to highlight an address, press to display:

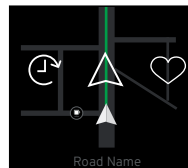
- Map view.
- Estimated arrival time.
- Time to destination.
- Distance to destination.



#### Map View

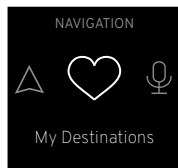
In either tour or sport display screen, press <> or to show the current map view.

A map showing the vehicle's location and the current road name is displayed.



#### Map View Transition

When changing to another option in the navigation menu, the option icon is briefly displayed confirming that a different option has been selected.

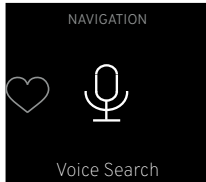


#### My Destinations


Destinations saved as favourites are listed. Press <> or to display my destinations. Press to enter menu. A list of favourite destinations is displayed.


Press <> or to view and highlight an address, then press to display.

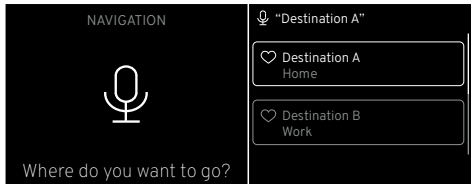
## Voice Search (If Available)



Press <> or   to display recent destinations.

Press  to enter menu.


Press the  button on the left-hand steering wheel keypad.



When the audio system mutes, say the name of the destination required.

Any stored addresses recognised by that name will be shown.

Press  or   to view address details.

Press  over highlighted address to view map.

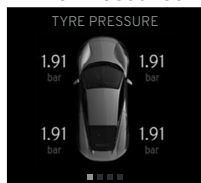
## DRIVER DISPLAY WIDGETS



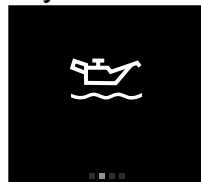
### Vehicle Health

View the menu screens using the steering wheel right-hand keypad controls as shown on page 86.

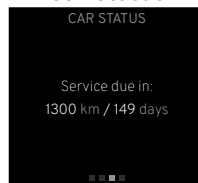
#### Tire Pressures



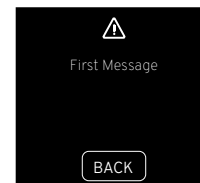
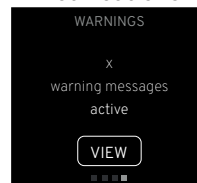
#### Engine Oil Level\*



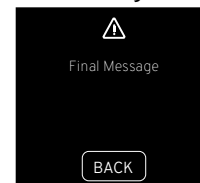
#### Car Status



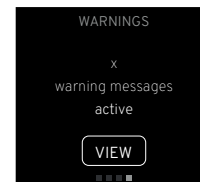
#### Notifications



Press ◀ or ▶ to view messages



Press ○ to exit



Tire pressure monitoring system, see page 270.

\*Emira 4-cylinder models only, see page 249.

Service due date, see page 241.

Notifications, see page 76.



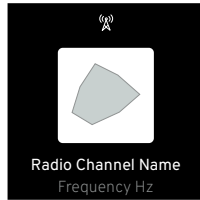
## Media

View the widget menu screens using the steering wheel right-hand keypad controls as shown on page 86. Also refer to the separate infotainment booklet for further information. From the media menu you can select:

### Radio

Select stations from the AM/FM radio.

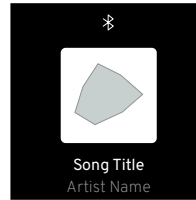
The station name, song title and artist will be shown if available.



### Bluetooth

Media can be played from a suitable device connected by Bluetooth.

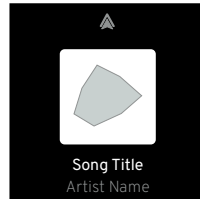
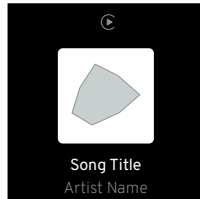
The album cover, song title and artist name will be shown if available.



### Apple CarPlay Android Auto

You can use the apps available on Apple CarPlay or Android Auto using a suitable device once it is either paired or connected via the USB connector to the infotainment system.

The information shown on the driver's display will vary dependent on the app selected.



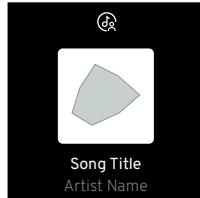
### My Music

The infotainment system will play any recognised audio files stored within a connected USB storage device (flash drive/memory stick).

The album cover, song title and artist name will be shown if available.



**NOTE:** MP3 players (including iPod) will not play on the infotainment system.



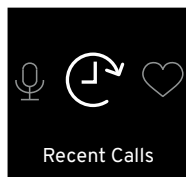
## DRIVER DISPLAY WIDGETS



### Phone

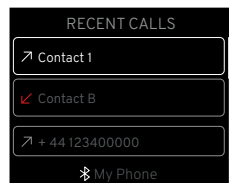
View the widget menu screens using the steering wheel right and left-hand keypad controls as shown on page 86. Also refer to the separate infotainment booklet for further information. With a compatible phone paired to the infotainment system, from the phone menu you can select:

#### Recent Calls



Press <> or to display recent calls.

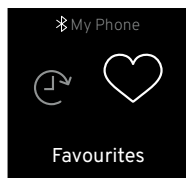
Press to enter menu.



Press or to view contact details of recent calls.

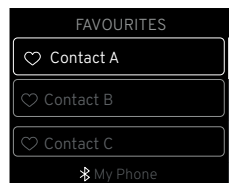
Press over highlighted recent call contact to dial.

#### Favourite Contacts



Press <> or to display favourite contacts.

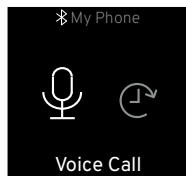
Press to enter menu.



Press or to view contact details.

Press over highlighted contact to dial.

#### Voice Call (If Available)



Press <> or to display voice call.

Press to enter menu.

Press the button on the left-hand steering wheel keypad.



When the audio system mutes, say the name of the contact you wish to call.

Any stored contacts recognised by that name will be shown.

Press or to view contact details.

Press over highlighted contact to dial their number.



**DRIVER ASSISTANCE**

## DRIVER ASSISTANCE

### Cruise Control

Cruise control helps to maintain an even road speed without using the accelerator pedal, which can benefit the driver when driving on motorways or long, straight roads in regular traffic flows.



**WARNING:** Use only when road and traffic conditions allow.

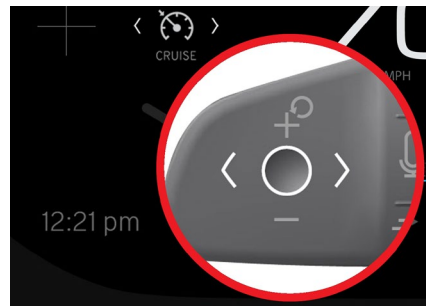
Driver assistance systems such as cruise control are developed to support the driver and not to replace the driver's attention.

The driver accepts full responsibility when driving the vehicle.

The driver should be prepared to take over control of vehicle speed to avoid hazardous or poor road surface conditions & maintain distance from preceding traffic.



Cruise control can be selected above speeds of 32 km/h.


Vehicle speed can be set in either 5 km/h or 1 km/h increments. Cruise control cannot be used if track mode is selected.




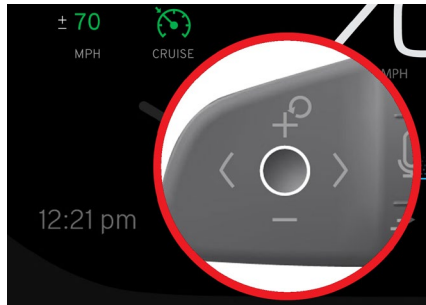
### Standby Mode

Cruise control is operated using the switches on left-hand side steering wheel keypad.

Press <> or  to display the  cruise control symbol in the driver's display.

If the  symbol is white then cruise control is in standby mode.

If the  symbol is grey, then cruise control cannot be activated.



## Activation

With cruise control in standby mode:

- Accelerate/decelerate to the required vehicle road speed.
- Press the button.
- The current vehicle road speed is set.
- The set speed is displayed next to the symbol which is now illuminated green, cruise control is now active.
- The accelerator pedal can now be released and set vehicle road speed will be maintained.

## Notification Messages

A message is shown in the driver's display if cruise control is not unavailable or has been cancelled, see page 76.

## Increasing Vehicle Speed

Vehicle road speed can be temporarily increased using the accelerator pedal, when the accelerator pedal is released, the previously set vehicle road speed is resumed.

## Increasing Cruising Speed

With cruise control active:

Briefly press and release the button to increase the set speed by 5 km/h. Longer presses will increase the set speed in 1 km/h increments.

Or

Accelerate to required speed and press the button.



## Decreasing Cruising Speed

With cruise control active:

Briefly press and release the button to decrease the set speed by 5 km/h. Longer presses will decrease the set speed in 1 km/h increments.



## Manual Deactivation


Press the button. The symbol and set speed will illuminate white again in the driver's display. Cruise control has now returned to standby mode and the last set vehicle road speed is stored for reuse if required.



## DRIVER ASSISTANCE



### Automatic Deactivation

- Vehicle road speed decreases below 32 km/h.
- Vehicle road speed increases above 209 km/h approximately.
- Pressing the brake pedal.
- Traction Control or Electronic Stability Control is activated.
- Track mode is selected.
- The vehicle speed is higher than the set speed for longer than 1 minute.

The  symbol and set speed will illuminate white again in the driver's display. Cruise control returns to standby mode and the last set vehicle road speed is stored for reuse if required.

### Resuming Cruise Control

With cruise control deactivated (but not turned off):



Press the  button to reactivate. The cruise control set speed and  symbol in the driver display will change colour from white to green and the vehicle road speed will return to the previously stored set speed.






**WARNING:** Only resume cruise control if you want to return to, and are aware of, the set speed.


### To Turn Off

From Standby Mode:

Press  or  button to display another option.

When Active:

- Press the  button to set cruise control to standby mode.
- Then press  or  on the left-hand steering wheel keypad to display another option.

The  symbol will extinguish and the set speed is deleted.

Cruise control will remain active if changing between driving modes but cancels whenever the engine is turned off.

### **Adaptive Cruise Control** (If fitted)

Adaptive cruise control is designed so that your vehicle can remain either a set speed or time interval to the target vehicle directly in front of you\*.

\* Adaptive cruise control option is only available for Emira V6 automatic transmission vehicles or Emira 4-cylinder models fitted with the 8-speed dual clutch transmission system.

With adaptive cruise control active, when the camera and radar sensor detect a target vehicle directly in front moving slower than the set speed, your vehicle's speed will be automatically adapted to maintain a set distance from that vehicle. When there are no longer slower vehicles in front of yours, your vehicle will accelerate back to the set speed.

Adaptive cruise control is designed to regulate the vehicle's speed based on the set speed and the traffic detected directly in front of your vehicle, but because of limitations in the radar sensor, unexpected braking or lack of braking may be experienced. You should always apply the brakes in situations that require immediate braking. Adaptive cruise control can be activated with vehicle speeds above 32 km/h, and, when activated, can follow a vehicle ahead from a complete stop up to a speed of 180 km/h.



**WARNING:** Before using this system, the driver is advised to read all adaptive cruise control information in this handbook to be aware of its limitations.



**WARNING:** Adaptive cruise control may not function in certain traffic, weather or road conditions.



**WARNING:** Driver assistance systems are developed to support the driver and not to replace the driver's attention. The driver is always responsible for ensuring the vehicle is driven safely at the appropriate speed and distance to other vehicles, in accordance with current traffic rules and regulations.



**WARNING:** Adaptive cruise control is not a collision avoidance system. The driver is always maintains responsibility to apply the brakes if the system does not detect another vehicle.

## DRIVER ASSISTANCE

**WARNING:** Adaptive cruise control may not detect people, animals, bicycles or motorcycles. It may also not detect slow moving, parked, approaching vehicles or stationary objects.

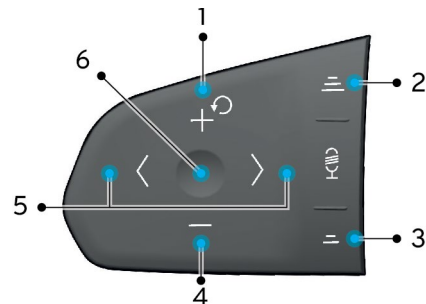
Do not use adaptive cruise control when:

- Driving in a city or other busy traffic conditions.
- Road conditions are slippery.
- There is a lot of water or slush on the road.
- There is heavy rain or snow.
- Visibility is poor.
- On winding roads or on ramps.

Vehicle speed is controlled by acceleration and braking when adaptive cruise control is active, therefore the brakes may emit a sound when they are being applied/released by the adaptive cruise control system which should be considered normal.

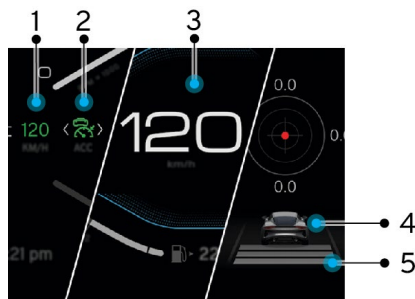
**NOTE:** Adaptive cruise control is not available if ESC 'Off' or track mode\* is selected.

\*If track mode option available.



Cruise and adaptive cruise control are operated using the switches on left-hand side steering wheel keypad.

- 1 Increases the time interval to the vehicle in front.
- 2 Decreases the time interval to the vehicle in front.
- 3 - Activates the system from standby mode and resumes set speed.
  - Increases the set speed.
- 4 Decreases the set speed.
- 5 Select between cruise control or adaptive cruise control.
- 6 Set road speed.



## Driver Display

With adaptive cruise control active the following information is shown in the driver display.

- 1 Adaptive cruise control set speed.
- 2 Adaptive cruise control symbol.
- 3 Actual vehicle speed.
- 4 Vehicle in front detected.
- 5 Time interval.

## Symbols and Images



The colour of the symbol and the image shown in the driver support menu will change according to the status of the adaptive cruise control system.

### Colour/ Status

### Menu Image

White/  
Inactive



No  
image

Grey/  
Unavailable



No  
image

Green/  
Active



Car  
detected\*

White/  
Standby



Time interval  
lines darkened

Green/  
Override



Time interval  
lines hidden

Green/  
Stop



Car  
detected

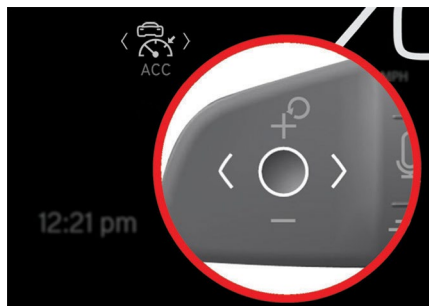
\*Vehicle not shown if not detected.

## Adaptive Cruise Control Limitations

The ideal optimal operation conditions for adaptive cruise control are achieved when driving on level road surfaces. The system can experience difficulties in maintaining the correct distance from the vehicle in front when driving down steep hills. The driver should be extra attentive and ready to brake under such conditions.




Also see page 132 for information on camera and radar limitations.


## DRIVER ASSISTANCE




### Standby Mode

Using the switches on left-hand side steering wheel keypad.

Press <> or   to display the  adaptive cruise control symbol in the driver's display.



If the  symbol is white then adaptive cruise control is in standby mode.

If the  symbol is grey, then adaptive cruise control cannot be activated.



### Activation

With adaptive cruise control in standby mode:


- Accelerate/decelerate to the required vehicle road speed.
- Press the  button.
- The current vehicle road speed is set.
- The set speed is displayed next to the  symbol which is now illuminated green, adaptive cruise control is now active.
- The accelerator pedal can now be released and set vehicle road speed will be maintained.

### Increasing Vehicle Speed

Vehicle road speed can be temporarily increased using the accelerator pedal, when the accelerator pedal is released, the previously set vehicle road speed is resumed.


### Increasing Cruising Speed

With adaptive cruise control active:

Briefly press and release the  button to increase the set speed by 5 km/h. Longer presses will increase the set speed in 1 km/h increments.



Or


Accelerate to required speed and press the  button.







## Decreasing Cruising Speed

With adaptive cruise control active:

Briefly press and release the  button to decrease the set speed by 5 km/h. Longer presses will increase the set speed in 1 km/h increments.



## Manual Deactivation

Press the  button. The  symbol and set speed will illuminate white again in the driver's display. Adaptive cruise control has now returned to standby mode and the last set vehicle road speed is stored for reuse if required.



## Following a Vehicle

If the target vehicle in front slows to a complete stop, then the adaptive cruise control system will slow your vehicle down, applying the brakes as necessary, stopping it between 3-6 metres behind the target vehicle.

If the target vehicle moves forward within 3 seconds, the adaptive cruise control will automatically resume.

If the target vehicle moves forward after 3 seconds, the accelerator pedal or the resume button on the steering wheel left-hand keypad will have to be pressed to reactivate adaptive cruise control.


If, after 10 minutes the target vehicle has not moved, the parking brake will be automatically applied instead, and adaptive cruise control will be cancelled.

## Automatic Deactivation



Adaptive cruise control automatically switches to standby mode if:

- The vehicle's speed goes below approximately 15 km/h and the system cannot determine if the vehicle in front is stationary or is an object such as a speed bump, etc.
- The vehicle's speed goes below approximately 15 km/h and the vehicle in front changes lanes or turns so that system no longer has a target vehicle to follow.
- The driver's door is open.
- The driver's seat belt is unbuckled.
- Traction Control or Electronic Stability Control is activated or Electronic Stability Control is turned off.
- Track mode is selected.
- The brake pedal is depressed.
- The parking brake is applied.
- Neutral, reverse or Park is selected.
- The vehicle speed is higher than the set speed for longer than 1 minute.
- The radar sensor is covered (such as by snow or in heavy rain conditions).


## DRIVER ASSISTANCE

 **NOTE:** There a message or audible warning if adaptive cruise control is automatically deactivated.

**Resuming Adaptive Cruise Control**  
With adaptive cruise control deactivated (but not turned off):

Press the  button to reactivate. The cruise control set speed and  symbol in the driver display will change colour from white to green and the vehicle road speed will return to the previously stored set speed.




 **WARNING:** There could be a significant increase in road speed when adaptive cruise control is resumed.




### Time Intervals


Time intervals to the vehicle in front can be selected from the left-hand side keypad and shown in the driver display support menu as 1–5 horizontal bars. One bar shown behind a detected vehicle represents a time interval of approximately 1 second and 5 bars equals approximately 3 seconds.

 **NOTE:** The factory default setting for time interval is 3 bars, but if adaptive cruise control is restarted, the time interval will resume from the previous setting.

## Setting a Time Interval

With adaptive cruise control active:


Press  to increase the time interval.


Press  to decrease the time interval.





Under certain conditions to ensure that vehicle in front is followed as stably as possible, the adaptive cruise control system will vary the time interval.

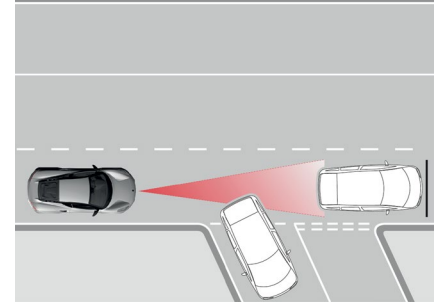
If at low speeds, the distance to the vehicle in front is short, adaptive cruise control will slightly increase the time interval.

 **WARNING:** The shorter the time interval, the shorter the reaction time for the driver to react to any unexpected traffic situation that may occur. The driver is always responsible for regulating and maintaining a safe road speed.

 **WARNING:** Set the time intervals to comply with any local traffic regulations.


 **NOTE:** If adaptive cruise control seems unreactive when put in active mode, this may be because the preset time interval to the vehicle in front does not allow an increase in speed.

 **NOTE:** Faster road speeds will result in the longer distances to the vehicle in front for a given time interval.



## Changing Target Vehicle

With adaptive cruise control is active and following another vehicle at speeds under 30 km/h, and the system changes targets from a moving to a stationary vehicle, the system will automatically apply the brakes to stop your vehicle.

 **WARNING:** If adaptive cruise control changes targets from a moving vehicle to a stationary vehicle at speeds above 30 km/h, the system may not react to the stationary vehicle and may accelerate to the previously set speed.

You must manually apply the brakes to slow down or stop your vehicle.

## DRIVER ASSISTANCE

### Automatic Standby Mode When Changing Targets

Adaptive cruise control will go into standby mode if the vehicle in front changes lanes or turns so that adaptive cruise control no longer has a target vehicle to follow.

### Fault Messages

Messages are shown if a fault in the system is detected.

Message	Camera Availability
Front camera blocked clean windscreen	Clean the front windscreen in front of the front camera.
Front Camera Service required	The camera is not working properly, contact your Lotus Retailer.
ACC cancelled.	Adaptive cruise control cancelled.
ACC unavailable Driver unbuckled	Adaptive cruise control unavailable because the driver's seat belt is unbuckled.
ACC cancelled Front radar sensor blocked	Clean the front radar unit's detector
ACC cancelled	Switch from track to tour or sport mode.

### Speed Limiter (Adjustable)

The speed limiter prevents the vehicle exceeding a preset maximum speed. See page 111 for automatic speed limiter.



**WARNING:** Use only when road and traffic conditions allow.



**WARNING:** Driver assistance systems such as speed limiter are developed to support the driver and not to replace the driver's attention. The driver accepts full responsibility when driving the vehicle.



**WARNING:** The driver should be prepared to take over control of vehicle speed to avoid hazardous or poor road surface conditions & maintain distance from preceding traffic.

The speed limiter can be activated from 32 km/h. Vehicle speed can be set in either 5 km/h or 1 km/h increments.

Deviations from the limited speed may occur when driving downhill. The speed limiter cannot be used if track mode is selected.

Adjustable speed limiter is selected/deselected from the Car Settings  
→ Driver Support → Vehicle Speed Support menus in the centre display, see page 137.



### Standby Mode

Press < or > on the left-hand steering wheel keypad to display the speed limiter symbol in the driver's display.

If the symbol is white then speed limiter is in standby mode.

If the symbol is grey, then the speed limiter cannot be activated.



### Activation

With speed limiter in standby mode:

- Press the O button.
- The maximum vehicle road speed is set and stored.
- The maximum vehicle road speed is displayed next to the symbol which is now illuminated green, the speed limiter is now active.
- The vehicle will now only accelerate up to that preset speed.

## DRIVER ASSISTANCE

### Adjusting Maximum Speed

With speed limiter active: Press either the  $+$  or  $-$  buttons to increase or decrease the maximum speed.



Briefly press and release the  $+$  or  $-$  buttons to increase or decrease the maximum speed by 5 km/h. Longer presses will increase or decrease the maximum speed in 1 km/h increments.

### Deactivation

Press the  $\bigcirc$  button. The  $\text{lim}$  symbol and set speed will illuminate white in the driver's display. The speed limiter is now in standby mode.



### Resuming

With speed limiter deactivated (but not turned off):

Press the  $+$  button to reactivate. The speed limiter set speed and  $\text{lim}$  symbol in the driver display will change colour from white to green.



The vehicle will now only accelerate up to the preset stored speed.

### To Turn Off

From Standby Mode:

Press  $\langle \rangle$  or  $\text{lim}$  button to display another option.

When Active:

- Press the  $\bigcirc$  button to set speed limiter to standby mode.
- Then press  $\langle \rangle$  or  $\text{lim}$  on the left-hand steering wheel keypad to display another option.

The  $\text{lim}$  symbol will extinguish and the maximum set speed is deleted.

Speed limiter will remain active if changing between driving modes but cancels whenever the engine is turned off.

### Temporary Deactivation of Speed Limiter

During overtaking, the vehicle speed might have to be higher than the set speed limit. To temporarily deactivate:

- Fully press the accelerator pedal until the speed limiter is temporarily deactivated.
- You can then overtake the other vehicle.
- Fully release the accelerator pedal when the temporary acceleration is finished.

Engine braking will then automatically restore the vehicle speed to below the last stored maximum speed.

### Speed Limiter Limitations

On steep downhill gradients the speed limiter's braking effect may be inadequate and the actual vehicle road speed may exceed the stored maximum speed.

### Speed Limiter (Automatic)

(If fitted)

The automatic speed limiter function will set and maintains the vehicle's maximum speed to the speeds shown on traffic signs\*.


Still using the left-hand steering wheel keypad, the speed limiter function can be changed to automatic speed limiter by selecting the automatic speed limiter option in the centre display.


Automatic speed limiter is selected/deselected from the Car Settings → Driver Support → Vehicle Speed Support menus in the centre display, see page 137.


Automatic speed limiter can also be selected from the quick panel menu, see page 144.

\*Also see traffic sign recognition on page 121.

## DRIVER ASSISTANCE

 **WARNING:** Even if the driver clearly sees the speed related road sign, the speed information from the traffic sign recognition system may be incorrect. If this occurs, the driver must intervene and accelerate or brake to a suitable speed.



 **WARNING:** Before using this system, the driver is advised to read all automatic speed limiter information in this handbook to be aware of its limitations.


 **WARNING:** Driver assistance systems are developed to support the driver and not to replace the driver's attention. The driver is always responsible for ensuring the vehicle is driven safely at the appropriate speed and distance to other vehicles, in accordance with current traffic rules and regulations.


### Activation

Select automatic speed limiter from the central display, see page 137.


Using the left-hand steering wheel keypad, put the speed limiter into standby mode, see page 98.


- If automatic speed limiter is available, a white  symbol shown in the driver display.
- If the  symbol is grey, then automatic speed limiter cannot be activated.

Press the  button on the left-hand keypad to activate the automatic speed limiter with the current vehicle speed.

The maximum vehicle road speed is displayed next to the  symbol which is now illuminated green, the speed limiter is now active.

The vehicle will now only accelerate up to that preset speed, or the maximum speed limit shown on any traffic sign shown in the driver display.

 **NOTE:** Even if traffic sign recognition has not been activated, road sign information is shown in the driver display when the automatic speed limiter option is activated.

 **NOTE:** Both traffic sign recognition and automatic speed limiter options must be deactivated to stop showing traffic sign information in the driver display.



### Tolerance Levels


The tolerance level is increased the same way as the speed setting is for the adjustable speed limiter.

If the current vehicle speed is set to the maximum speed limit shown on a traffic sign shown in the driver display, (for example 70 km/h), the set speed can be increased up to an additional 10 km/h.

### Adjusting Tolerance Level

Press and hold down the +<sup>o</sup> button or press repeatedly to increase the maximum speed, (up to an additional 10 km/h).



The increased set speed is shown next to the  symbol.

The vehicle speed will increase to the new set speed shown (80 km/h), if 70 km/h traffic signs are continuously shown in the driver display.

This increased tolerance speed is maintained until a traffic sign with

a lower or higher speed is passed and shown in the driver display. The maximum vehicle road speed will adjust to that new speed limit, also deleting the tolerance level from the automatic speed limiter system.

### Automatic Speed Limiter Limitations

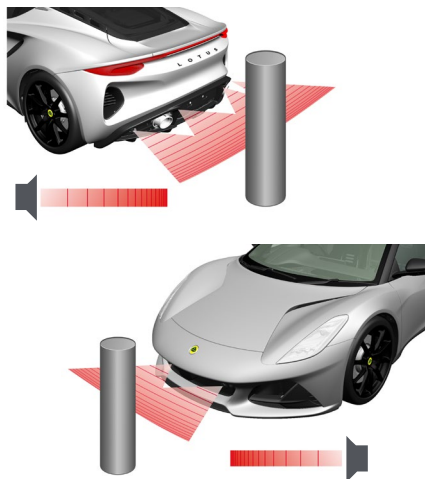
Automatic speed limiter uses speed information from the traffic sign recognition system. If a road sign is not recognised or a speed limit not displayed for any reason, then the automatic speed limiter is set it to the current vehicle speed or 20km/h (whichever is higher).

If this occurs, then the driver must be prepared to use the brakes or decelerate the vehicle to a suitable speed. The automatic speed limiter will be reactivated once a road sign is recognised by the traffic sign recognition system again.



**NOTE:** If the speed limit displayed is less than 32 km/h, then the speed limiter will set to 32 km/h.

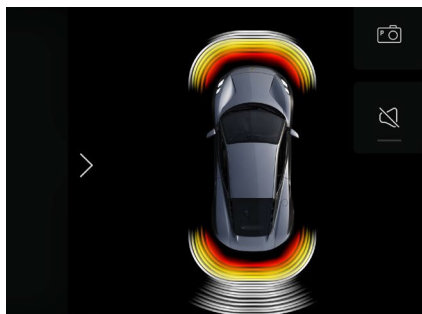
## DRIVER ASSISTANCE



### Park Assist System

The Park Assist System (PAS)\* uses ultrasonic sensors to indicate if there are any objects close to the front and rear of the vehicle when parking or manoeuvring.

The PAS automatically activates when reverse gear is selected, operating at any speed in reverse and when driving forward at low speed up to 12 km/h.



When active, an image of the vehicle is shown in the centre display, sensor fields indicate any objects that are detected and their proximity relative to the vehicle.

An audio feedback signal will sound, increasing in frequency if any objects are detected within the path of the vehicle.

The active sensor field closest to the vehicle image changes colour from white – yellow – amber and then red as the object becomes closer.

All other audio feedback from the infotainment system will reduce in order to prioritise the warning for the PAS.

Tap the button on the display to turn the sound on or off as required. Unless the rear PAS detects an object within the red zone, The audio feedback will turn off once the vehicle has remained stationary for 2 seconds.


PAS is active during start/stop driving, but will deactivate if the parking brake is applied, or for automatic vehicles, P – Park is selected.


\*PAS is an optional feature and may not be fitted to your vehicle.




**WARNING:** These features are only aids to parking and are not a substitute for vigilant all-around observation. The driver is responsible for safe manoeuvring and driving safely at all times.

Take time to familiarise yourself with the PAS audio feedback and the actual distance being detected before fully utilising this system.

 **WARNING:** The PAS may not detect small or moving objects including children and animals, low or narrow posts, towing hitches, kerbstones and objects towards either side of the vehicle.

 **WARNING:** To ensure full functionality, the PAS sensors must be kept clean and free from foreign objects including snow and ice.

 **CAUTION:** The PAS sensors cannot detect high objects. Ensure to use extra vigilance when manoeuvring the vehicle where protruding objects such as loading docks, shelves and hangers etc could be near the vehicle.

See page 23 for PAS sensor locations.

### **Washing Park Assist System Sensors**

See page 300.

### **Park Assist System Presets**

The Park Assist System can be activated/deactivated or the volume level set from the centre display screen. See page 141 and 144 for further information.

## DRIVER ASSISTANCE



### Parking Assist Camera

Viewed from the centre display, the Parking Assist Camera (PAC) shows a view of the area behind the vehicle.



The PAC will automatically activate at any speed when reverse gear is selected, or manually using the centre display screen.

Trajectory guidelines are overlaid on the camera image to represent ground level behind the vehicle. The lines represent the rearward trajectory of

the vehicle. The lines will adjust relative to the rotation of the steering wheel.

See page 23 for rear parking camera location.

The PAC works in conjunction with the Park Assist System (PAS) and can both be viewed at the same time.



**WARNING:** These features are only aids to parking and are not a substitute for vigilant all-round observation. The driver is responsible for safe manoeuvring and driving safely at all times.

**Parking Assist and Camera Options**  
Options are shown to the side of the screen when the PAC is active.



Turn on/off the PAS, see page 141.



Turn on/off the PAC trajectory guidelines.



Turn on/off PAS sensor fields.



Mute/unmute PAS sensor audio feedback.

**Blind Spots**

The camera has limited field of view. If a child or object in your rear parking camera view suddenly disappears then the area behind the vehicle should be rechecked before continuing to reverse as they may have entered the camera's blind spot.



**WARNING:** The PAC may not detect small or moving objects including children, animals, low or narrow posts, towing hitches and objects towards either side of the vehicle.

**Ambient Lighting**

Although the camera image adjusts automatically to the ambient light conditions, ambient lighting that is either too dark or bright may reduce the quality of the image shown in the centre display.

**Owner Maintenance**

To ensure full functionality, the PAC lens must be kept clean and free from foreign objects including dirt, snow and ice.

**Washing Park Assist Camera Lens**

See page 300.

**Fault Messages**

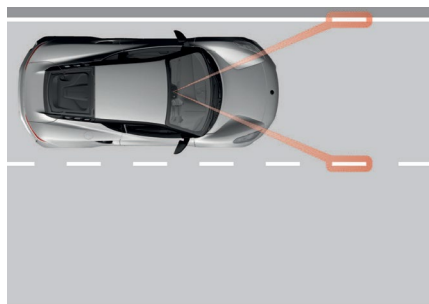
Messages are shown in the central display in the event of a fault being detected in the parking assist camera system.

Message	Camera Availability
Parking Camera Temporarily Unavailable.	The parking assist camera will be temporarily unavailable if a fault is detected which inhibits the parking assist camera from operating for a limited amount of time.
Parking Camera Not Responding.	Service required. The parking assist camera will be permanently unavailable until a repair or replacement is undertaken.

## DRIVER ASSISTANCE

### Fatigue Alert (If fitted)

Fatigue alert is an aid to alert the driver that they are starting to drive less consistently, such as if the driver is distracted or possibly falling asleep.



A camera mounted behind the top of the windscreen monitors any available traffic lane markings, comparing the road direction with the steering wheel movement.

If selected, fatigue alert activates when the vehicle speed exceeds 65 km/h, remaining active if vehicle speed does not reduce below 60 km/h.



This warning symbol and the message “Driver Alert Time for a Break” is shown in the driver display if fatigue alert detects that the vehicle is being driven less consistently.



**WARNING:** Fatigue alert is not intended as an aid to extend driving time. Always plan regular break intervals to help remain alert.



**WARNING:** Do not ignore the fatigue alert warning as you may not realise that you have actually become fatigued. Stop the vehicle as soon as safely possible and then rest.



**WARNING:** In some conditions, fatigue may not affect your driving style, so a warning message will not be displayed. Therefore, it is important to take regular break intervals, regardless if fatigue alert has been selected or a warning message displayed.



**WARNING:** Driver assistance systems are developed to support the driver and not to replace the driver's attention. The driver is always responsible for ensuring the vehicle is driven safely at the appropriate speed and distance to other vehicles, in accordance with current traffic rules and regulations.

## Fatigue Alert Limitations

Fatigue alert may display warnings even if your driving pattern has not become inconsistent, such as driving:

- In strong crosswinds.
- On grooved road surfaces.

Also see page 132 for information on camera limitations.

Fatigue alert is selected/deselected from the Car Settings → Driver Support menus in the centre display, see page 137.



**NOTE:** If deselected, this system will default to active on the next drive cycle.

## Lane Departure Warning

(If fitted)

Using colour changing lines shown either side of a road in the driver support menu in lower centre of the driver display, lane departure warning provides a visual and audible warning that the vehicle may be accidentally leaving its current lane on a motorway or similar major road.

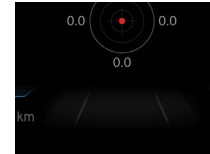
If selected, lane departure warning is active with a vehicle speed range of 65 - 180 km/h on roads with clearly visible side line markings.

Lane departure warning will go into standby mode and is unavailable on narrow roads, or on major roads where the side line markings are faint or obscured. The system becomes available when the road widens, and side markings are visible.

There are no lane departure warning indications in the driver display when the direction indicators are being used.

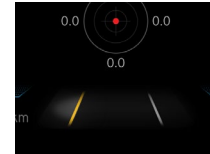
## Road Display Image

### No Lines Detected



No line markings detected or system in standby.

### Lines Detected Warning Left Side



Vehicle is leaving its lane to the left side.

### Warning Right Side





Vehicle is leaving its lane to the right side.




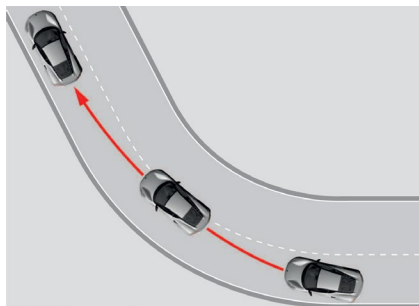
If lane departure warning is deactivated (see page 141), this symbol is illuminated in the driver display.

## DRIVER ASSISTANCE

 **WARNING:** Lane departure warning is a supplementary driver assistance system, intended to make driving safer, it cannot function in certain traffic, weather or road conditions.

 **WARNING:** Before using this system, the driver is advised to read all lane departure information in this handbook to be aware of its limitations.

 **WARNING:** Driver assistance systems are developed to support the driver and not to replace the driver's attention. The driver is always responsible for ensuring the vehicle is driven safely at the appropriate speed and distance to other vehicles, in accordance with current traffic rules and regulations.



In some situations, the vehicle will cross over lane markings without displaying a warning, such as when using the direction indicators or cutting corners on a bend in the road.

### Lane Departure Warning Limitations

Under certain conditions the lane departure warning system may not be able to provide help to the driver, it is recommended to switch off this function when driving during these conditions:

- Road works.
- Winter road conditions.
- Poor road surface.
- When driving in a sport type driving style.
- Poor weather resulting in reduced visibility.
- Roads with unclear or no lane side markings.
- Sharp edges or lines other than lane side markings.



**NOTE:** Lane departure warning cannot detect barriers, rails or other such similar obstacles at the side of a carriageway.

Also see page 132 for information on camera limitations.



Lane departure warning is selected/deselected from the Car Settings → Driver Support menus in the centre display, see page 137.

Lane departure warning can also be selected/deselected from the quick panel menu, see page 144.

**NOTE:** If deselected, this system will default to active on the next drive cycle.



### Traffic Sign Recognition (If fitted)

Using the forward camera and viewed on the driver display, the traffic sign recognition system can be used to notify you of the speed limit and certain traffic regulations on the road you are currently driving on. The system can also be used as an alert if you exceed the recognised speed limit.

**WARNING:** Traffic sign recognition is a supplementary driver assistance system, intended to make driving safer, it cannot function in certain traffic, weather or road conditions.

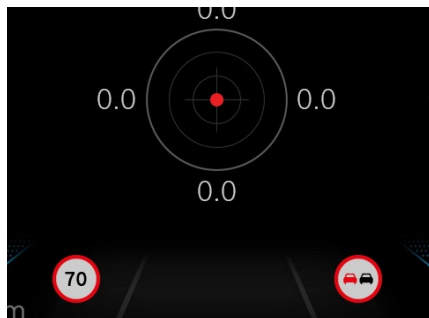
**WARNING:** Before using this system, the driver is advised to read all traffic sign recognition information in this handbook to be aware of its limitations.

**WARNING:** Driver assistance systems are developed to support the driver and not to replace the driver's attention. The driver is always responsible for ensuring the vehicle is driven safely at the appropriate speed and distance to other vehicles, in accordance with current traffic rules and regulations.

**NOTE:** Traffic sign recognition uses information from the camera, and signs which may be obscured by other vehicles or trees may not be recognised.


**NOTE:** The traffic sign recognition system can operate between 0 – 255 km/h.


## DRIVER ASSISTANCE



If traffic sign recognition is activated, once the vehicle passes a recognisable road sign, it is displayed as a symbol in the lower centre of the driver display.

A maximum of 1 road sign per side can be shown.

 Speed limit sign

 Supplementary sign

Any speed limit sign shown in the driver display will blink if the vehicle speed exceeds the speed limit shown on that sign by more than 1 km/h. An audible warning will also be generated if the displayed speed limit continues to be exceeded.

Traffic sign recognition is selected/deselected from the Car Settings → Driver Support menus in the centre display, see page 137



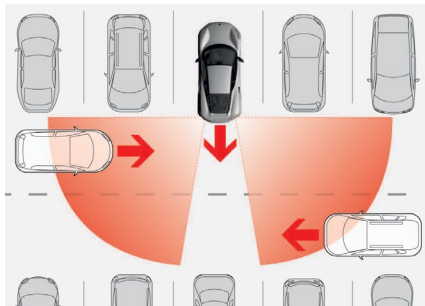
**NOTE:** If deselected, this system will default to active on the next drive cycle, only the sensitivity level previously set will remain unchanged.

### Traffic Sign Recognition Limitations

The traffic sign recognition system may have difficulty reading signs that are:

- Faded.
- Located in a curve.
- Rotated or damaged.
- Positioned high above the road.
- Fully/partially obscured or poorly positioned.
- Completely or partly covered with frost, snow and/or dirt.

Traffic sign recognition uses the camera unit, which has some general limitations, see page 132.



### Rear Cross Traffic Alert

(If fitted)

Rear cross traffic alert is activated when reversing or if the vehicle rolls backwards, to alert you if traffic is crossing behind the vehicle.

Rear cross traffic alert is intended to detect vehicles, but bicycles and other smaller objects may also be detected.



When an object is detected approaching from the rear of the vehicle, the following alerts are activated:

Parking Assist Image in Centre Display


»»» Graphic appears when an object is approaching from the left side.


««« Graphic appears when an object is approaching from the right side.


»»««« Graphics appear when objects are approaching from both sides.


### Audible/Mirror Alert

(If fitted)

Vehicle Moving: Single audible tone and the  symbol in the driver's door mirror will flash.

Vehicle Stationary: No audible tone, but the  symbol in the driver's door mirror will flash.

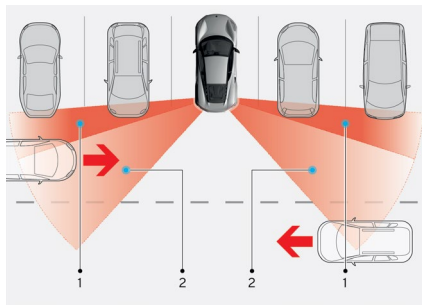
 **WARNING:** Before using this system, the driver is advised to read all traffic sign recognition information in this handbook to be aware of its limitations.

 **WARNING:** Rear cross traffic alert is a supplementary driver assistance system, not a substitute for vigilant all-round observation. The driver is responsible for safe manoeuvring, driving and reversing safely at all times.

## DRIVER ASSISTANCE

**NOTE:** Rear cross traffic alert is automatically activated or deactivated in conjunction of the parking assist system is also being activated or deactivated. Only the volume of the rear cross traffic alert can be altered independently.

To change the audible volume alert, see Car Settings → Driver Support menus in the centre display, see page 137



### Rear Cross Traffic Alert Limitations

If the vehicle is positioned too far forward into a parking space the sensors field of view shown as zone 1 will be blocked by other parked vehicles.

Only vehicles approaching within the zone 2 area will be detected.

This is just one example of a limitation, rear cross traffic alert may not function in all situations. Even if it is assumed that rear cross traffic alert is functioning, the driver still maintains full responsibility for reversing safely.

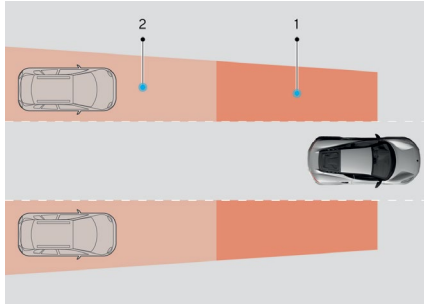
Rear cross traffic alert uses rear radar units which have some general limitations, see page 133.



### Blind Spot Detection


(If fitted)


Blind spot detection is intended to provide a warning of other vehicles approaching from behind in the vehicles blind spot. Combined with blind spot detection is the close vehicle warning system, which alerts the driver if another vehicle is approaching quickly from behind in an adjacent lane and there may be a risk of collision if the driver decides to make a lane change.





### Zone Vehicle Location/Status


- 1 Blind spot detection.
- 2 Close vehicle warning.


When the blind spot detection system detects a vehicle in zone 1, an  indicator symbol in the corresponding door mirror will illuminate continuously.


When the close vehicle warning system detects another vehicle in zone 2 approaching quickly, an  indicator symbol in the corresponding door mirror will illuminate continuously.

If you then use the direction indicator on the side on which the warning is given, the  indicator symbol will flash, and an audible warning will sound.

 **WARNING:** Before using this system, the driver is advised to read all blind spot detection information in this handbook to be aware of its limitations.

 **WARNING:** Driver assistance systems are developed to support the driver and not to replace the driver's attention. The driver is always responsible for ensuring the vehicle is driven safely at the appropriate speed and distance to other vehicles, in accordance with current traffic rules and regulations.

 **WARNING:** This function is a supplementary driver assistance system, intended to make driving safer, it cannot function in certain traffic, weather or road conditions.

 **WARNING:** The blind spot detection system will not function whilst driving around sharp bends in the road.

- Blind spot detection is active when the vehicle speed above 10 km/h.
- Blind spot detection will not function if a passing vehicles speed is more than 15 km/h faster than the driver's vehicle.
- Blind spot detection may not detect motorcycles and smaller objects.

### Alarm Volume setting

The Lane change warning system warning volume can be switched off and the warning volume can be set to different levels.

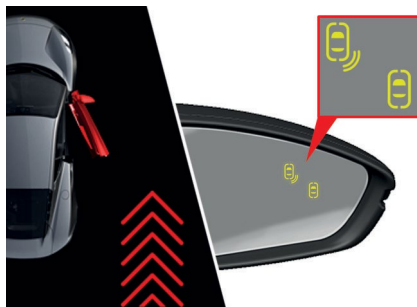
Blind spot detection uses the rear radar units which have some general limitations, see page 133.

Blind spot detection is selected/deselected from the Car Settings → Driver Support menus in the centre display, see page 137.

Blind spot detection can also be selected/deselected from the quick panel menu, see page 144.

## DRIVER ASSISTANCE

**NOTE:** If deselected, this system will default to active on the next drive cycle, only the sensitivity level previously set will remain unchanged.




### Door Opening Warning

(If fitted)

With the vehicle stationary, this system alerts the occupant of any traffic (parallel to the direction of traffic) approaching from behind their side of the vehicle when opening their door.

When the warning system detects a vehicle that can collide with the opening door, the driver will be alerted by:

- A visual warning in the lower centre of the driver display.
- An audible warning.
- A yellow flashing  indicator symbol in the applicable driver or passenger door mirror.

**WARNING:** Door opening warning does not eliminate the need for the occupants of the vehicle to visually confirm the conditions around, and the need to check the surrounding traffic to make sure you can safely open the doors. Occupants still maintain full responsibility for opening the doors in a safe environment.

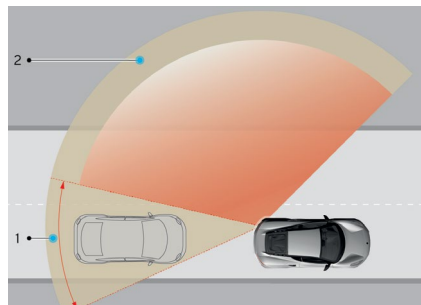
**WARNING:** Door opening warning will only alert of traffic approaching from behind, it will not alert you of any traffic approaching from the front of the vehicle.

**WARNING:** This function is a supplementary driver assistance system, intended to make driving safer, it cannot function in certain traffic, weather or road conditions.

**WARNING:** Door opening warning will not operate if the vehicle is moving.

**WARNING:** Before using this system, the driver is advised to read all door opening warning system information in this handbook to be aware of its limitations.

**NOTE:** The door opening warning system is constantly enabled and cannot be deactivated.



**Door Opening Warning Limitations**

### Zone Vehicle Location/Status

- 1 Radar blind spot.
- 2 Detectable radar field of view.

If there is an object blocking the view of the radar (shown as zone 1), moving objects obstructed by the blockage won't be detected. Only objects approaching from behind (shown as zone 2), will be detected.

### Forward Collision Warning (if fitted)

Forward collision warning operates in conjunction with the autonomous emergency braking system and alerts the driver to take action if the system detects that there is a high risk that their vehicle is about to crash into a vehicle, pedestrian or cyclist in front of them, automatically applying the brakes if the driver cannot react quickly enough.

**WARNING:** This function is a supplementary driver assistance system, intended to make driving safer, it cannot function in certain traffic, weather or road conditions.

The forward collision warning system is active between 8 and 180 km/h and up to 64 km/h for pedestrians and cyclists. As a safety measure, the maximum speed reduction is 48 km/h.

Forward collision warning is selected/deselected from the Car Settings → Driver Support → Collision Avoidance → Collision Mitigation menu in the centre display, see page 137.

## DRIVER ASSISTANCE

**WARNING:** Deselecting the forward collision warning system will also cancel the autonomous emergency braking system, see page 129.

**NOTE:** The forward collision warning and autonomous emergency braking systems are not available if either ESC 'Off' or track mode are selected, see page 219.



### Collision Warning in the Driver Display


The following images are shown in the driver display in the forward collision warning system has been activated and detects an imminent collision.


- 1 The top area of the display turns red.
- 2 Target vehicle in front appears and is displayed with a red outline\*.

\*Target vehicle may already be displayed if adaptive cruise control was enabled and active.

\*A vehicle is displayed if either a vehicle, pedestrian or cyclists are detected.

**NOTE:** There is also an audible warning, and any audio media playing will be muted if the audible warning signal is activated.

 If forward collision warning is deactivated (see page 141), this symbol is illuminated in the driver display.

 At the time of printing, this symbol for forward collision deactivation may be shown in your quick start guide.



### Setting Warning Level Distance

The warning level selected determines the system's responsiveness and sets the distance at which visual and audible warnings will be activated.

Select and activate the collision mitigation option in the centre display, see page 137, then select the sensitivity level as desired.

Level	Warning Distance
Low:	Short warning distance, harder braking force than normal is required.
Normal:	Normal warning distance, normal braking force required.
High:	Long warning distance, less braking force required than normal, but if too many warnings are displayed, then change to NORMAL.



**WARNING:** No automated system can be guaranteed to function 100% correctly in all situations. Therefore, never test the forward collision warning/autonomous emergency braking by intentionally driving towards a person or object. This could result in serious injury or death.



**WARNING:** Even if the high setting is selected, warnings may be perceived as being given late, e.g., if the difference in speed is great or if the vehicle ahead brakes suddenly.



**WARNING:** Forward collision warning can provide a warning for a potential collision, but it can never shorten your reaction time.



**WARNING:** To help make forward collision warning as effective as possible, the high sensitivity level setting is recommended.

### Autonomous Emergency Braking

When this braking function intervenes, the following steps are implemented to try and avoid a collision with a vehicle, pedestrian, cyclist or object in front of your vehicle:

- **Brake assistance:** If required, the pressure applied to the brake pedal by the driver is increased.
- **Automatic braking:** To avoid a collision if possible, or to reduce the speed of impact, full braking is automatically applied by the autonomous emergency braking system if the forward collision warning system detects a danger of a collision. The brake lights will also flash when automatic braking intervenes, see page 162.

## DRIVER ASSISTANCE

### Autonomous Emergency Braking and Forward Collision Warning Limitations

To function, both systems use the front camera and radar, and may have limited or reduced functionality in certain situations:

- **Slippery driving conditions:**  
The extended braking distance on slippery roads may reduce autonomous emergency braking capacity to help avoid a collision.
- **Strong external lighting:** Strong sunlight, reflections, extreme light contrast may make the visual warning signal difficult to see, limiting the ability of the camera to detect vehicles or pedestrians.
- **Cabin temperature:** If the temperature in the cabin is very high, the camera may be temporarily turned off and warnings may not be given.
- **Poor weather:** Intense snowfall, blowing snow, rain, dense fog and dusty conditions on the windscreen and front bumper may reduce the system's functional visibility.
- **Limited field of vision:** The camera and radar have a limited field of vision and in some situations they may not detect a vehicle, pedestrian or cyclist until later than expected or not detect them at all.
- **Reversing:** The system is deactivated while the vehicle is reversing.
- **Low vehicle speed:** The system will not be triggered if your vehicle speed is under approximately 10 km/h.
- **Active driver:** The system may not react or react later than expected in situations where you actively operate/brake the vehicle.



**WARNING:** Autonomous emergency braking pedestrian detection cannot detect:

- Pedestrians who are partially obscured, wearing clothing that prevents a clear view of the person's body contours.
- Pedestrians who have limited contrast to their immediate background. A warning or braking may be delayed or not activated at all.
- Pedestrian carrying large objects.


You are always responsible for driving the vehicle safely.





**WARNING:** Warnings will only be provided if the risk of a collision risk is probable or imminent. You should be aware of the system's limitations before operating the vehicle.



**WARNING:** Warnings and automatic braking for pedestrians and cyclists are deactivated above a vehicles speed of 80 km/h.

 **WARNING:** The autonomous emergency braking system can help prevent a collision or reduce the speed of collision impact, but you should always apply the brakes, even if auto-braking intervenes.

 **WARNING:** You are always responsible for maintaining the correct speed and distance in relation to the vehicle ahead. Never wait for a collision warning or for the autonomous emergency braking system to intervene.

 **WARNING:** Due to the limited sensor performance, unexpected erroneous braking events of safety critical user functions might occur. If this occurs, the driver can overrule the brake application by pressing the accelerator pedal.

To function, both systems use the front camera and radar which have general limitations, see page 132.

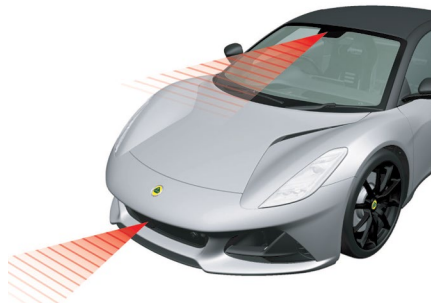
### Fault Messages

When the message **Front radar sensor blocked** See user manual or **Front Camera blocked** See user manual appears in the driver display, then the front camera/radar cannot detect the vehicle or pedestrians ahead.

Possible Cause	Suggested Solution
The windscreen or front bumper is dirty or covered with snow or ice.	Clean/clear the windscreen/front bumper.
Swirling water or snow from the surface of the road may interfere with the radar signals.	No action possible. A very wet or snow-covered road surface may affect the function of the radar.
Heavy rain or snow is interfering with the radar or camera signals	No action possible. Heavy rain or snow may affect the function of the radar/camera.
The windscreen or front bumper is clean but the message remains in the driver display.	Wait a short time. It may take several minutes for the radar/camera to detect that it is no longer obstructed.

## DRIVER ASSISTANCE

If the messages will not clear or keep reoccurring, then contact your Lotus Retailer.



### Camera and Radar Information (If fitted)

Many of the driver assistance systems use a camera unit placed behind the top of the windscreen, as well as radar units placed behind the centre of the front bumper and to the rear left and right-hand side of the vehicle.

### Limitations

The following information lists some of the conditions caused by external influences that can result in limitations of the camera and radar.

### Modifications

Items placed on the inside or outside of the windscreen, in front of or around the camera unit or on the bumpers around the radar units\*, could interfere with the operation of camera and radar functions. This may result in the operation of some driver assistance functions being reduced, providing incorrect function responses or being deactivated.

\*This does not only apply to permanent modifications, but also vinyl wrapping, placement of stickers or paint modifications to the front and rear bumper radar areas.

### High Temperature

To protect the electronics inside camera and radar units from being affected by high ambient temperatures, they may not be available for approximately 15 minutes after the engine is started until the temperature has fallen sufficiently.

### Windscreen or Bumper Damage

A damaged windscreen or front/rear bumper may result in the operation of some driver assistance functions being reduced, providing incorrect function responses or being deactivated.

If a scratch, crack or stone chip appears on the windscreen in front of any of the window for the camera unit, covering an area of approximately. 0.5 × 3.0 mm or more, then the windscreen should be replaced.

It is not recommended to repair cracks, scratches or stone chips in the camera unit area, instead, the entire windscreen should be replaced.

Only Lotus approved replacement windscreens or windscreen wiper must be fitted.

After windscreen replacement, the camera unit must be recalibrated to ensure the functionality of all driver assistance options that are camera dependent. If necessary, contact your Lotus Retailer for further assistance.

Bumper damage should be assessed by

a Lotus Retailer to determine if radar performance is being affected.

### Cleaning and Maintenance

The radar areas must be kept free of dirt, ice, snow, and should be washed regularly, also see page 300.



Location of rear radar units. Keep the area shown clean on both the left and right-hand sides of the vehicle.

### Camera and Radar Limitations

The following information lists some of the driving and weather conditions that can result in limitations of the radar and camera.

## DRIVER ASSISTANCE

### Front Bumper Radar (If fitted)

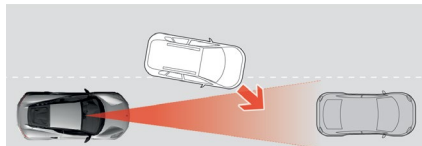
#### Vehicle Speed

The radar unit's ability to detect a vehicle ahead is greatly reduced if that vehicle's speed is very different to your vehicle's own speed.

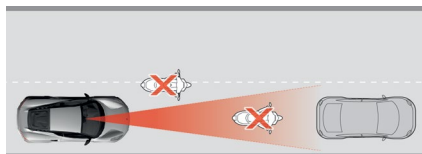
Interference by other radar sources or strong radar reflections.

#### Field of Vision

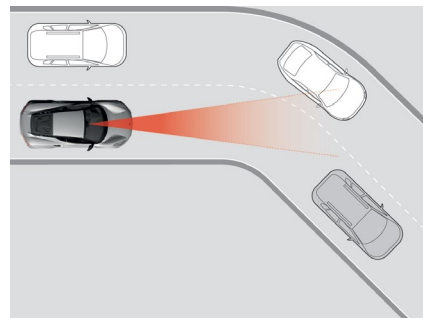
The radar unit has a limited field of vision and in certain situations may not detect another vehicle or is detected later than expected.



The radar unit may be late to detect vehicles at close distance, such as a vehicle that drives in between your vehicle and the vehicle in front.



Small vehicles, such as motorcycles, or vehicles not driving in the centre of the road may not be detected.



Around bends, the radar unit may detect a different vehicle than intended or lose a detected vehicle from view.

### **Camera** (If fitted)

#### **Impaired vision**

The camera has vision maybe impaired due to intense snowfall or rain, dense fog, heavy dust storms and snow flurries. These conditions may result in the operation of some camera dependent driver assistance functions being reduced, providing incorrect function responses or being deactivated.

Strong oncoming light, reflections in the carriageway, snow or ice on the road surface, dirty road surfaces or unclear lane markings can also significantly reduce camera function when it is used view the road for road sign information.

**CENTRE DISPLAY SCREEN**



## CENTRE DISPLAY SCREEN

### Centre Display Overview

Infotainment, certain vehicle controls/widgets/application options and menus as well as personalised settings are accessed from the centre display. Some buttons on the display will change appearance and function dependent on the application or menu screen currently shown.

**WARNING:** Do not become distracted by the centre screen display whilst driving. You could cause an accident. It is recommended to stop the vehicle before using certain applications available, such as using the keyboard, entering address and contact information etc.

**NOTE:** Some functions will be disabled once the vehicle is moving.



### A Navigation Bar

- 1 Quick panel.
- 2 Climate Control.
- 3 Duration of phone call.
- 4 App launcher/home.


### Side Bar D

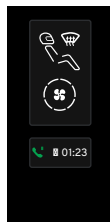
- 5 Notification centre.
- 6 Clock.
- 7 Device Status\*.
- 8 Device projection.
- 9 Global settings/app options.


\*Refer to separate infotainment guide.

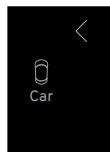
## CENTRE DISPLAY SCREEN


### Display Navigation

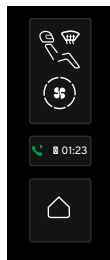
 Tapping an option on either the side, or navigation bar may direct you straight to that option, or instead, show any applicable menu pages.




 Tap the < back button within a sub-menu option screen to return to a previous menu screen.



The home  button becomes available on the navigation bar when an application or the app launcher is open.



 Tap the home button to return to the home screen display.

### Display Operation

The display and menu options are finger activated respond to finger movement.

#### Movement



Tap once.



Tap twice quickly.



Press and hold.



Swiping  
Left/right/up/down



Panning – Drag from one part of the screen to another part of the screen.



Flick - Move a finger from one point to another quickly, then remove.



Drag and drop.



Pinch - Move fingers together, then remove.



Spread - Spread out fingers, then remove.

#### Action

Highlight an object/confirm selection/activate a function.

Zooms in and out of an object.

Grab an object/move apps/map points on the map.

Move between screen options.

Scroll a map or move an item.

Scroll quickly or remove a page.

Move an item.

Zoom out.

Zoom in.

**Automatic Activation/Deactivation**

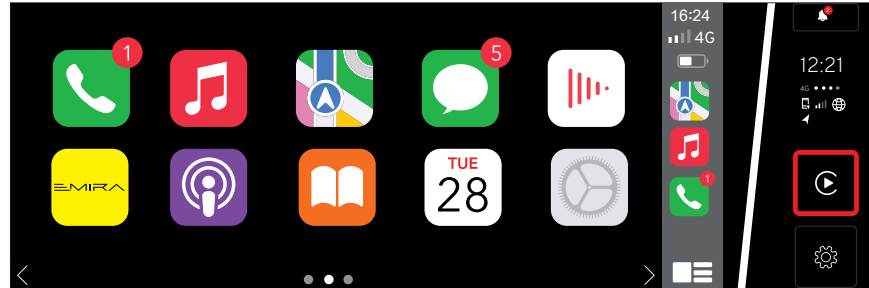
The display automatically activates/deactivates when the driver's door is opened/closed. The display may also turn off automatically to prevent battery drain.

**Manual Deactivation**

If required the widget display area can be turned off by pressing and holding down the volume button in the centre console for 5 seconds, leaving only limited options in the side and navigation bars illuminated. Another short press of the volume button will turn on the widget display.

**Illumination**



The display illumination level automatically decreases when the light sensor in the dashboard detects a sufficient reduction in the ambient brightness level. When this occurs the illumination level can be manually adjusted using the illumination control wheel, see page 165.

**Device Projection**

A projection symbol is displayed if a mobile device is connected to the infotainment system with either Apple CarPlay or Android Auto apps available.

No projection symbol will be displayed if this feature is not available on a connected device, or if the device is not paired for projection function.

**Opening Device Projection Screen**

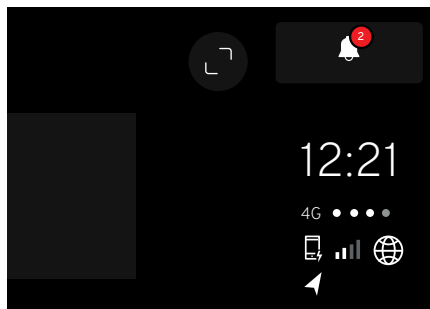
If available, tap either the  or  button displayed on the side bar to view the mobile apps available.

For further information, refer to the separate infotainment supplement as well as any instructions available for your device.



**WARNING:** Do not become distracted by the centre screen display whilst driving. You could cause an accident.



## CENTRE DISPLAY SCREEN




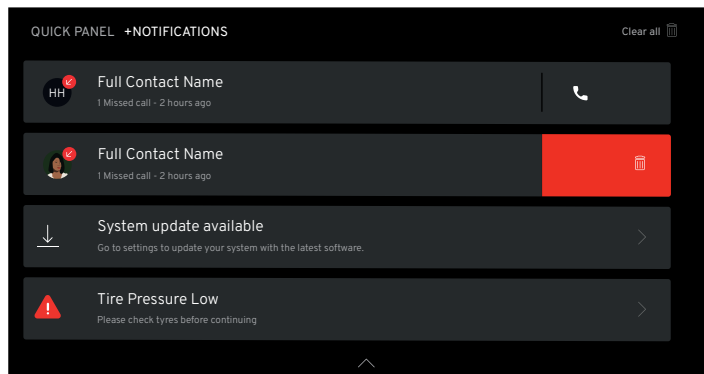
### Notification Centre

Pop-up messages for missed calls or system notifications previously shown and ignored in the driver and centre display can be viewed again in the notification centre.

### Opening the Notification Centre

 Tap the  button.

 **WARNING:** Do not become distracted by the centre screen display whilst driving. You could cause an accident.




### Messages



Scroll to view all of the messages.




For phone messages, tap the  symbol to call back.



Clear all messages by tapping the  button at the top of the screen.



Clear individual messages by sliding the message to the left of the screen to reveal the  button and tap, or slide the message to the end of the screen.

### Closing the Notification Centre



Swipe up anywhere outside of the message list.

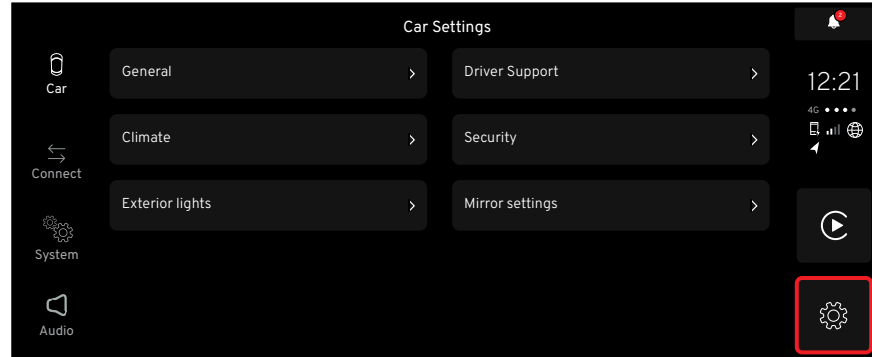


Tap the  symbol at the bottom of the screen.


### Global Settings and App Options

The operation of certain vehicle functions can be set or adjusted.

**WARNING:** Do not become distracted by the centre screen display whilst driving. You could cause an accident.



### Opening the Global Settings and App Options

Tap the  button from the home screen, to activate the settings sidebar.

#### Setting Menu Options

**Car:** General, Climate, Exterior lights, Driver support, Security and Mirror settings.

**Connect:** Device connection, Bluetooth, Wi-fi and vehicle name, see separate infotainment supplement for further information.

**System:** Languages for display screens and keyboard, unit values, clock/date formats, voice command options.

**Audio:** Volume adjustment, sound optimisation, equaliser settings, vehicle speed compensation and ringtone settings, see separate infotainment section for further information.

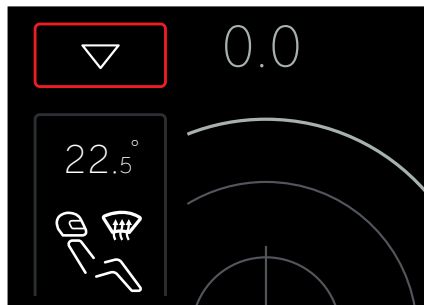
## CENTRE DISPLAY SCREEN

Setting	Menu	Options
General >	Electric parking brake:	Automatic activation/deactivation.
	Car information:	RMS activation indication and V.I.N. information.
	Reset car options:	Reset vehicle settings to factory default.
Climate >	Recirculation timer:	Automatic cancellation after 30 minutes.
	Fan Intensity auto mode:	Low, medium and high intensity level options.
	Auto rear defrost:	Heated rear screen automatically activates below temperatures of 7°C.
	Auto start seat heating:	Select seats.
	Auto start seat heating timer:	Set the duration period of automatic seat heating.
Mirrors >	Auto dim level:	“light”, “normal” and “dark” settings.
	Exterior mirror tilting:	Tilt door mirror glasses when reverse gear selected.
	Unlocking feedback:	Activate/deactivate direction indicator lamp feedback.
	Fold mirrors when locking:	Activate/deactivate the folding mirrors.

Setting	Menu	Options
Driver Support ›	Collision avoidance:*	Activate/deactivate park assist and rear cross traffic alert systems and control warning volume levels.  Activate/deactivate collision mitigation and control sensitivity levels.
	Lane Warning:*	Activate/deactivate lane warning and blind spot detection systems and control warning volume levels.
	Traffic sign recognition:*	Activate sign recognition.
	Traffic sign alert:*	Activate recognition alerts.
	Vehicle speed support:*	Adjustable or automatic speed limiter and cruise control or adaptive cruise control.
	Low fatigue notification:*	Activate low fatigue alert.
Security ›	Locking/unlocking feedback:	Activate/deactivate turn indicators when locking or unlocking the vehicle.
	Auto-lock doors while driving:	Activate/deactivate the auto-lock door function.
	Reduce alarm level:	Deactivate tilts and interior sensors.
Exterior Lights ›	Triple flash sequence:	Direction indicators flash 3 times.
	Welcome lights:	See approach lighting.
	Home safety lights:	Set timer period.
	Automatic high beam:*	Slow, medium or fast activation time options.

\* If available

## CENTRE DISPLAY SCREEN



### Quick Panel

The quick panel provides shortcuts to certain vehicle option presets and settings.

### Opening the Quick Panel

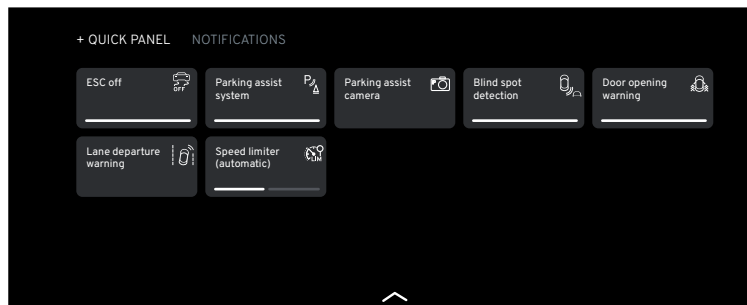
Access the quick panel from the home screen by:

- Tapping the ▽ quick button at the top of the navigation bar.

The notifications option is also available from the quick panel.



**WARNING:** Do not become distracted by the centre screen display whilst driving. You could cause an accident.



### Quick Panel Options

**NOTE:** Other options may be available dependent on vehicle specification or market.

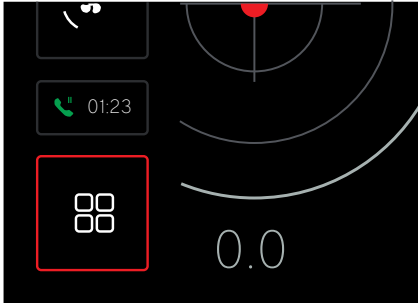
### Selecting Options

- Tap the required button. A message describing the application option selected or further actions required is displayed.
- If preset levels are available, tap on the button to select the level required.
- Tap on the button to deselect the option.

### Closing the Quick Panel

- Swipe up anywhere on the screen.
- Tap the handle icon at the bottom of the screen, an animation is displayed showing that the screen needs to be swiped upwards to close.
- Access the notification centre by swiping from right to left anywhere on the screen.
- Tap 'Notification' to open the notification screen.







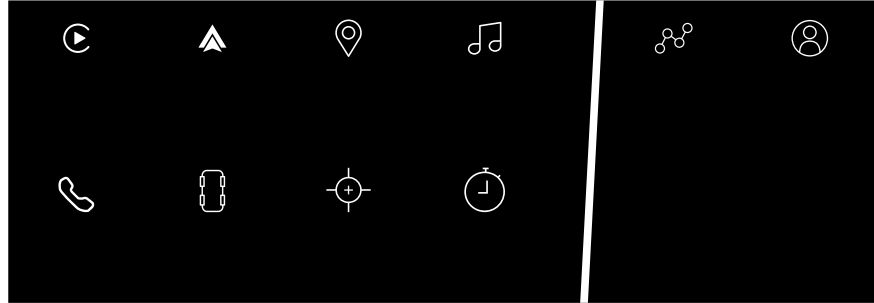
### App Launcher

Access to some of the menu options and settings viewed from the driver's display and controlled by the right-hand steering wheel keypad can also be accessed using the app launcher button.


From the home screen display, the home button is replaced by the app launcher button.


### Opening the App Launcher


 Tap the  app button at the bottom of the navigation bar.





### Selecting Applications

 Scroll across the screen to view all available apps.  
Tap the required button.

 Press and hold an app to move it on the screen to reorganise the app positioning as desired.

 **WARNING:** Do not become distracted by the centre screen display whilst driving. You could cause an accident.

### Options


-  Apple CarPlay\*
-  Android Auto\*
-  Navigation
-  Media
-  Phone
-  Tire pressure
-  Performance
-  Lap timer
-  Trip statistics
-  Profile manager

\*With suitable device connected.



## CENTRE DISPLAY SCREEN



### System Settings

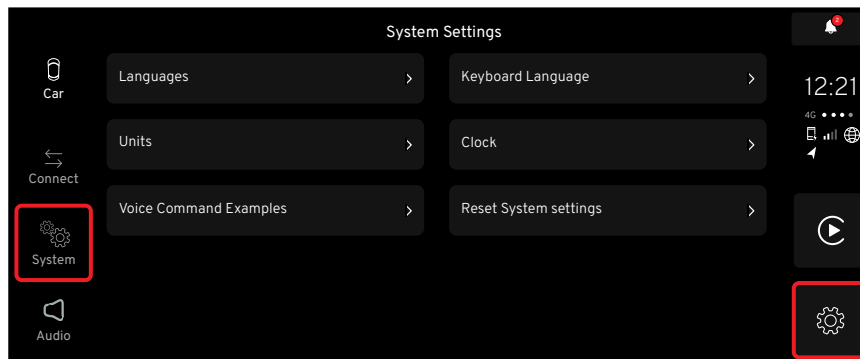
The operation of certain vehicle settings can be adjusted from this screen.

 **WARNING:** Do not become distracted by the centre screen display whilst driving. You could cause an accident.

### Opening the System Options

 From the home screen, tap the  button to activate the settings application.

 From the settings side bar tap the  button to display system setting options.



### Language

Select from 12 languages for the driver's and central display screens.

### Units

Alternative units for fuel consumption, ambient temperature, vehicle speed, trip and odometer distance.

### Voice Commands

Functions such as media, navigation, climate control and Bluetooth connected phone can be voice activated.

### Keyboard

Select from 12 languages for the keyboard functions.

### Clock

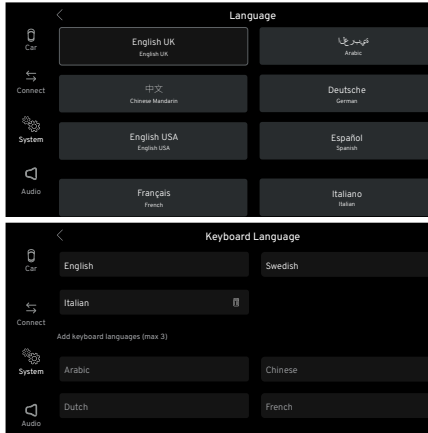
Change the date and time formats and manually set the date and time.

### Reset System Settings

Select specific system settings to return back to factory default settings.

### Secure Decommissioning

Use the centre display screen to complete **systems reset**. This will erase all personal settings, paired devices, and stored data.



### Language Settings

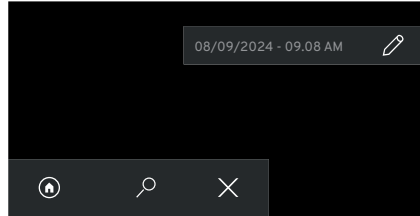
To change the language for the driver's, central display screens and keyboard.



Tap the languages option from the system settings screen. The language selected is shown in the top left side of the screen.



To change the language, scroll through the screen if necessary and tap the required language option.



### Keyboard

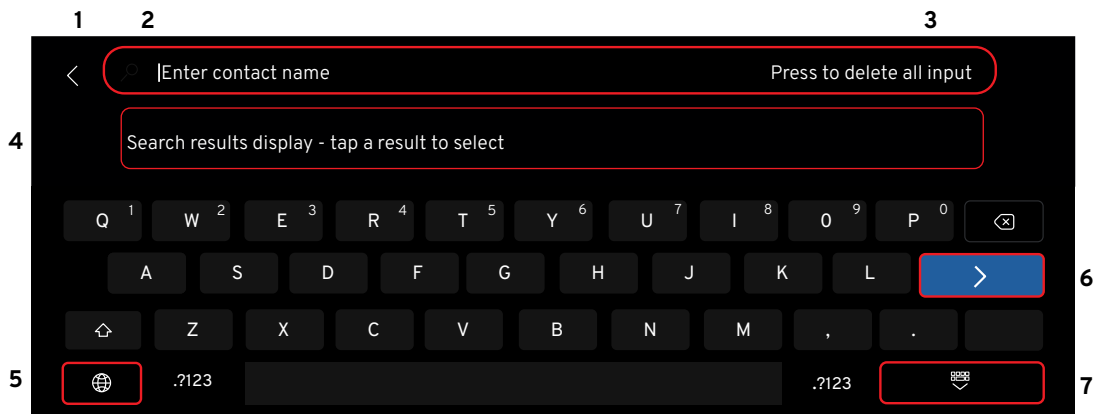
The keyboard is used to write text, enter passwords or other information stored in the infotainment system and vehicle.

The keyboard can only be activated when either the search or edit icons are displayed.



**WARNING:** Do not become distracted by the centre screen display whilst driving. You could cause an accident.

## CENTRE DISPLAY SCREEN

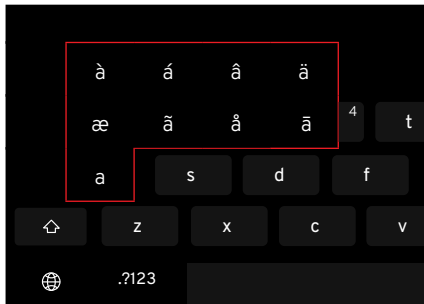


### Keyboard Functions


The keyboard uses the standard QWERTY layout, the buttons/areas highlighted show special features of the keyboard.

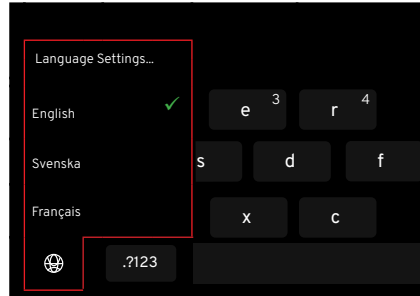
- |   |                      |
|---|----------------------|
| 1 Cancel - return to previous screen.                 | 5 Language selector. |
| 2 Input field where characters entered are displayed. | 6 Return.            |
| 3 Delete all input at the same time.                  | 7 Hide keyboard.     |
| 4 Search results display, (tap a result to select).   |                      |

This is an overview of the keyboard. The keys shown and their appearance may change depending on the language selected or in the method the keyboard is used.







### Key Pop-ups

 Press and hold certain keys to display pop-ups showing additional functions or keyboard characters that can be selected. Tap anywhere outside of a key pop-up to close.

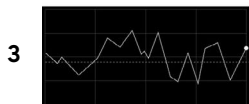
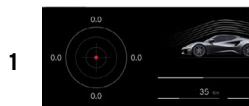


### Keyboard Languages

  Press and hold the  button to activate the language pop-up. You can select from 3 available languages or by tapping 'Language Settings' be directed to the language option with system settings.

 **WARNING:** Do not become distracted by the centre screen display whilst driving. You could cause an accident.

## CENTRE DISPLAY SCREEN



### Widget Options

- 1 Performance
- 2 Lap timer
- 3 Trip statistics
- 4 Navigation

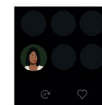


### Widgets

A large and small widget are shown on the viewing area of the display screen.



From the home screen display flick the widgets on the screen to scroll up or down to view the available options.

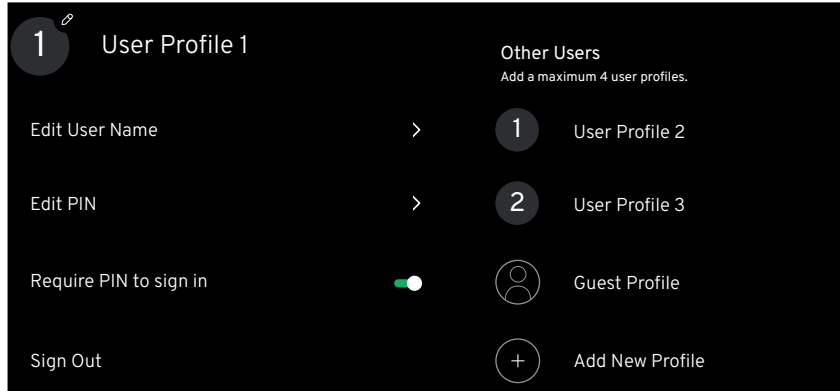


### Widget Options

- 5 Tire pressure monitoring system
- 6 Media
- 7 Phone



**WARNING:** Do not become distracted by the centre screen display whilst driving. You could cause an accident.



### Driver Profiles

Many of the settings that can be made in the central display can be saved as preferences within the driver profile menu.

Many of the settings made are automatically saved if a driver profile is active.

Up to 4 'Personal' profiles can be created, in addition to the 'Guest' profile.

### Profile Setting Types

#### Personal

These are settings that can be saved in any active driver profile and include functions such as audio/media systems language and voice control.

#### Global

These are settings that can be changed but are not then saved to a specific driver profile. If a global setting is changed, it will change that specific setting across all driver profiles.

Keyboard layout settings are global. If a driver profile adds an additional language to the keyboard, they are also available when a different driver profile is used.

### Guest

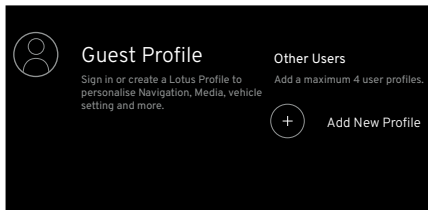
This is a local profile and if used will store local settings made and will use these settings the next time the 'Guest' profile is selected.

If the driver profile last selected is not PIN protected, then that profile will be active the next time the vehicle is unlocked. If the last selected profile was PIN protected, then the 'Guest' profile will be automatically selected when the vehicle is unlocked.

### Default Profile for a New Vehicle

The 'Guest' profile is automatically selected as no other profile is linked to a new vehicle.

## CENTRE DISPLAY SCREEN

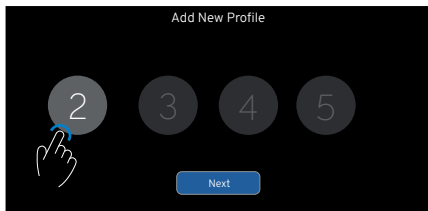


### Adding a New Profile

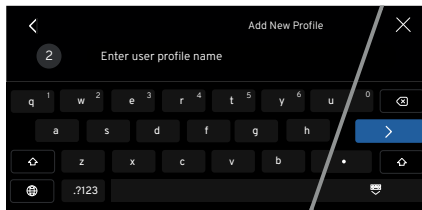
Tap the app button at the bottom of the navigation bar, see page 145.

Tap Profile Manager option.

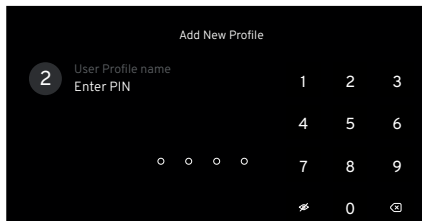
Tap Add New Profile.



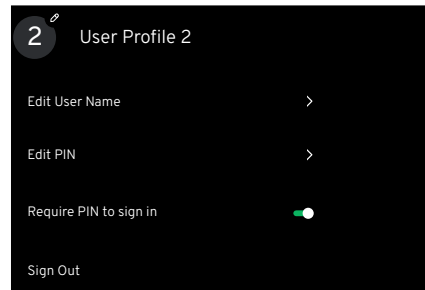
Tap to select a profile, then tap Next.



Enter name using keyboard, then tap the return key.



Following screen instructions, enter and confirm a 4-digit PIN code of your choice using the keypad.



The profile edit screen will appear once the pin is confirmed.

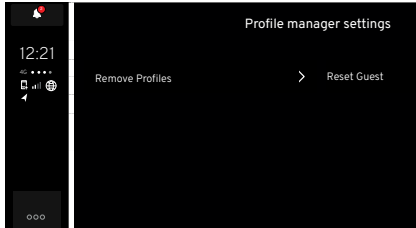
Tap to edit your username and PIN code if required.

Tap to select if PIN code is required to sign into the profile.

Tap 'Sign Out' to return to profile selection menu.

Or tap the home button on the navigation bar to return to the central display home screen.

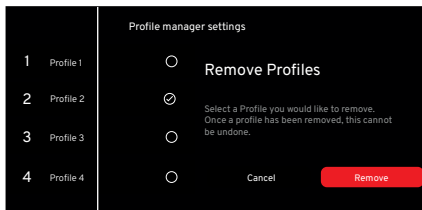




### Removing a Profile

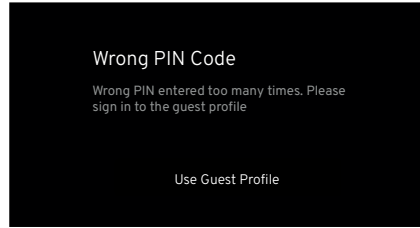
From a profile manager screen, tap the **OOO** settings button in the navigation bar.

Tap 'Remove Profiles' button.



Tap the profile to be removed.

Tap 'Remove'.



### Wrong Pin Code

A driver profile will be disabled after 5 incorrect attempts to enter a PIN code. If this happens, tap the 'Use Guest Profile' button.

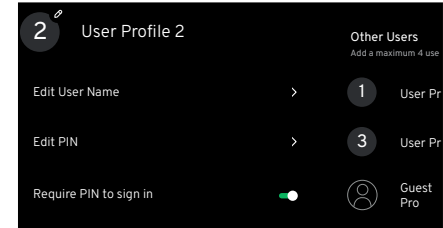
The vehicle settings will revert to the local settings already defined.



**NOTE:** A disabled driver profile cannot be recovered. Remove the profile and then recreate it as a new profile, see pages 153 and 152.

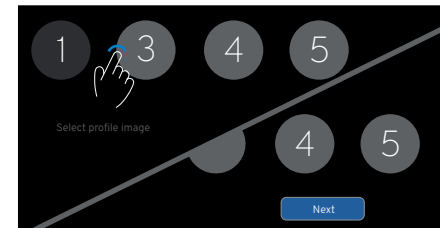
### Change of Ownership

Use the centre display screen to complete systems reset. This will erase all personal settings, paired devices, and stored data.



### Editing a Profile

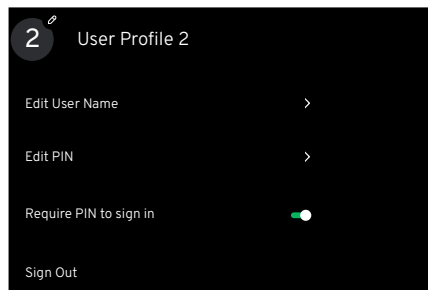
Tap on the profile image icon to access the 'Add new profile' screen.



Tap on any image that is highlighted (available), then tap the 'Next' button.

The display will return to the active profile screen.

## CENTRE DISPLAY SCREEN



If required, the username and PIN code can be changed as shown on page 153.

### Voice Assistant (If Available)


Using specific spoken commands via the infotainment microphone, some control options within certain vehicle systems such as climate control, media, Bluetooth-connected phone and navigation can be controlled using voice assistant.

Voice assistant can respond with speech as well as showing information in the driver display.

It is recommended to learn the specific voice commands to ensure first time successful operation of voice assistant.

The voice assistant will only recognise commands using Dutch, English, French, German, Italian, Portuguese, Spanish languages, also see the language system settings options on page 147.



### Using Voice Assistant


 **NOTE:** Speak after the beep speaking in a normal voice and speed.

- Do not speak while the assistant is replying (the assistant cannot understand commands when replying).
- Close the windows and doors to avoid background noise in the vehicle cabin.


To change the voice assistant audio volume, turn the volume knob when the assistant is speaking.

### Using the Driver's Display

 Tap the  button on the left-hand steering wheel keypad to wake up the voice assistant.

The voice assistant will operate from the driver's display screen. If the  button is tapped when in either the voice search/voice call screens for navigation or phone widget options are shown in the driver's display, see pages 92 and 96.

An audible beep and message on the screen indicates that the assistant is awake and listening for a voice command.

 **NOTE:** Commands from the driver's display are limited to navigation and phone options.


### Using the Centre Display



Ensure that the voice search/voice call screens for navigation or phone widget options are not shown in the driver's display.

### Command Options Available

- Media\*
- Mute/unmute media volume\*
- Navigation\*
- Phone\*
- Climate control, page 196.

\*See separate infotainment guide.

 **NOTE:** Only certain functions of these vehicle systems can be controlled using voice assistant.

 Tap the  button on the left-hand steering wheel keypad to wake up the voice assistant.




An audible beep and a pop-up screen with a message will appear in the centre display. The assistant is now listening and you can say your command.

## CENTRE DISPLAY SCREEN


### Cancelling Voice Assistant

From the steering wheel keypad either:




Tap briefly on the  button and say "Cancel".



Press and hold the  button until you hear two beeps. This cancels the system even if the voice assistant is speaking.

From the centre display either:




- If an  arrow is displayed in the screen, tap it to cancel voice assistant.
- Tap outside of the voice assistant pop-up screen.



- Swipe left to right on the voice assistant pop-up to drag it out of the centre display.





From the listening state either tap the  button the right-hand steering wheel keypad or say 'Cancel'.

### Automatic Cancelling

Voice assistant will timeout automatically when no speech or touch input is received in any state after 5 seconds.

It will cancel if Interrupted by any other application or system notification, (such as receiving an incoming call whilst speaking).




To interrupt a voice command, either tap the  button on the steering wheel keypad or tap the  and then give a new command as applicable.

**LIGHTING**

## LIGHTING



### Exterior Lighting Light Switch

Rotate the ring on the  stalk positioned on the left-hand side of the steering wheel.

#### Lights Off

In this position all the lights are off except for the daytime running lights.

### Daytime Running Lights

The front and rear daytime running lights illuminate when the ignition is in mode II, or the engine is running (with the light switch in any position). They will vary in intensity depending on the lighting option selected). Also see page 294.


#### Position Lights

The daytime running lights are also activated with the light switch set to this position. Use this setting to illuminate the daytime running lights with the ignition in modes O or I.




**NOTE:** If the vehicle is in ignition position II then the daytime running lights are illuminated instead.

The position lamps can be switched on in any ignition position setting.

With the engine running but the vehicle stationary, the ring can be rotated to  from any other setting to only illuminate the position lamps.

After driving for a short time period or as vehicle road speed increases, the front position lamps are replaced by the daytime running lights.

If not already activated, the rear position lamps will illuminate if the tailgate is opened in low level ambient lighting conditions.

 This symbol is illuminated in the driver's display screen when either the position lights or daytime running lights are activated.



## Low Beam Lights

With the engine running or with the vehicle's ignition in position II, low beam headlights, front and rear position and rear license plate lights are activated in this position.

**AUTO** The low beam headlights, position and instrument panel lights automatically illuminate or extinguish depending on the ambient lighting conditions.



**WARNING:** The AUTO system cannot determine the ambient lighting conditions in every situation, (such as mist or rain). The driver must always ensure that the correct exterior light setting is selected for the current driving environment and in accordance with any applicable traffic regulations.



## Active High Beam

(If fitted)

Using the windscreen camera, this function automatically switches the high beam on or off when driving in the dark over 20km/h, by detecting the headlights of oncoming vehicles or the rear lights of a vehicle in front. The symbol illuminates white in the driver display when activated, illuminating blue when the high beam is on. When the active high beam is deactivated, the lights will return to low beam.

Active high beam may not be available under certain conditions such as heavy rain or fog.

Messages are shown in the driver display if active main beam is not available, requiring manually switching between main and low beam until the active main beam becomes available. Also see page 132 for information on camera limitations.



**WARNING:** Active main beam is an aid to use the vehicle lighting optimally under suitable environmental conditions.





**WARNING:** The driver is always responsible for switching manually between high and low beams if traffic or weather conditions make it necessary.

## LIGHTING



### High/Low Beam Headlights

- 1** High beam flash: Pull the stalk rearward toward you to activate.
- 2** Constant high beam: With the lighting ring in either AUTO or  position, push the stalk forward to activate.
- 3** Deactivate by pulling the stalk backwards.

 This symbol is illuminated in the driver's display screen when the main beam lights are activated.



### Rear Fog Light

Rear fog light switch, but rear fog lights are not fitted on Canadian vehicles.



### Direction Indicators

- 1** Short flash: Move the stalk up or down until resistance is felt and release. The indicator lamps will flash three times\*.
- 2** Continuous flash: Move the stalk up or down past the resistance point to its end position, the stalk will remain in this position.

\*If the function is deactivated via the centre display, the lamps will flash once, see page 163.

The stalk will remain in position until moved back manually, or automatically by movement of the steering wheel.







## Trip A Reset

Pressing the reset button on the end of the light switch will reset all information stored in the Trip A trip meter (trip distance, average fuel consumption and average speed). A notification message will briefly appear in the driver's display showing that trip meter 1 has been reset.

Also see page 87 for further information on trip meter options and resetting using the right-hand steering wheel keypad.



## Hazard Warning Lights

**To Activate:** Press the  in the centre console. The switch, direction indicator lamps and  symbols in the driver's display will flash.

**To Deactivate:** Press a second time to switch off.



**WARNING:** If stopped for an emergency, move the vehicle off the road, switch on the hazard warning lights and mark the vehicle with other warning devices as available to reduce the risk of a collision.



**NOTE:** Use of the hazard warning lamps may be subject to local traffic laws.

## LIGHTING

### Brake Lights

The brake lights are illuminated when the brake pedal is depressed, also see page 211.


### Emergency Brake Lights

In the event of hard braking at road speeds over 50 km/h (31 mph), sufficient enough to activate the anti-lock braking system, or, if the vehicle decelerates suddenly, the emergency brake light system is activated. The brake lights start flashing instead of being constantly illuminated. The brake lights will return to being constantly illuminated either upon driving away or when the rate of deceleration decreases. Also see page 212.

### Reverse Light

When the gear lever is in position R the reverse light will illuminate and the rear parking assist system will be activated, also see pages 116 and 294.

### Approach Lighting

The approach lighting is activated when the vehicle is unlocked by pressing the  button on the key fob. The position, courtesy and floor lights are activated. In dark ambient lighting levels, the number plate lighting and lighting in the outer handles are also activated with their light source aimed towards the ground.


The approach lighting will illuminate for approximately 2 minutes if no doors are opened. If a door is opened within the activation time, the time for the illumination of the interior lighting and lighting in the outer handles will be extended.

The functionality of the approach lighting is set from the centre display, see page 163.




### Home Safety Lights

Some exterior lights can be kept illuminated after the vehicle has been locked.

1. Switch off the engine, move the left column stalk forward and then release.
2. Exit the vehicle and  lock the doors.

A symbol in the driver display is illuminated to indicate that the function is activated and the position, headlight low beam and licence plate lamps are illuminated. The duration of lighting illumination is set from the centre display, see page 163.

### Light Failure

If a fault is detected affecting the exterior light system, the  symbol will illuminate in the driver's display screen. A message with information on the fault is also shown on the screen, also see page 76.

### Exterior Lighting Presets

From the Global Settings and App Options button side bar in the centre display, select: Car > Exterior Lights.

See page 137 for further information.



### Interior Lighting Overhead Console Switches

Press buttons to:



Illuminate/extinguish the left front reading light.



Illuminate/extinguish all interior lights.

**AUTO** Activate/deactivate interior lights courtesy mode.

In courtesy mode all interior lights:

- Illuminate with vehicle unlocked and when the ignition is switched off.
- Extinguish with engine started and when the vehicle is locked.
- Illuminate or extinguish when a door is opened or closed.
- Remain illuminated for 2 minutes if a door is left open.

## LIGHTING

- The indicator light on the button illuminates when AUTO function is active.



Press to illuminate the right front reading light.

### Interior Lights

Reading lights are positioned in the roof lining by both sun visors.

Main lights are positioned in the roof lining above both front seats.

### Glovebox Lighting

The light within the glovebox is illuminated/extinguished when the lid is opened or closed, see page 175.

### Vanity Mirror Lighting

Lights within the sun visors (if fitted), illuminate/extinguish when the covers are opened or closed, see page 173.

### Luggage Compartment Lighting

Lights within the luggage compartment switch illuminate/extinguish when the tailgate is opened or closed, see page 57.

### Ambient Lighting

Lighting strips are located in the doors, instrument panels, centre console and cupholders and illuminate with the vehicle unlocked, ignition active or engine running.

Use the dimmer switch on the instrument panel to set the brightness levels.

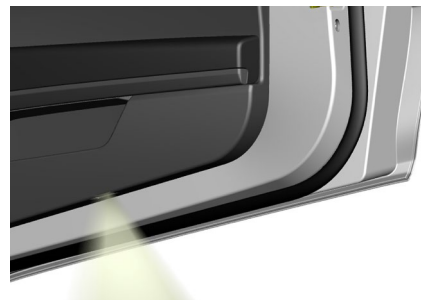
### Courtesy Lighting

If 'Auto' is selected from the overhead console, the footwell and roof lighting automatically illuminates when:

- The vehicle is unlocked.
- The engine is switched off.
- A door is opened.

The courtesy lighting automatically extinguishes when:

- The vehicle is locked.
- The engine is started.
- A door is closed.
- A door has remained open for more than 2 minutes.



### Ground Lighting

The ground light illuminates in low level ambient light conditions when a door is opened and extinguishes when closed.



### Brightness Adjustment

Rotate the ☀️ control wheel positioned to the outboard side of the steering column to adjust the brightness levels for the instruments, ambient and mood lights.



**NOTE:** The brightness levels can only be adjusted using the control wheel when the exterior ambient lighting levels are low enough to activate night mode in the lighting system, automatically dimming the brightness levels for the instruments, ambient and mood lights.

**WINDSCREEN, WINDOWS, MIRRORS AND SUN VISORS**



### Wipers

Move the stalk positioned on the right-hand side of the steering wheel to the required setting.



Windscreen wipers off.



Single wipe: Press the stalk downwards from the 0 position and release, the wiper will sweep once at slow speed. Hold the stalk downwards for further slow sweeps until released.



**CAUTION:** Before using the wiper check that the blade is not frozen and any snow or ice is scraped off of the windscreen.



### Intermittent Wiping

**AUT** Set the wiper sweep interval by rotating the ring on the end of the stalk, upwards to increase the sweep interval, downwards to decrease the interval.



**CAUTION:** Check the condition of the wiper blades regularly. A worn or damaged wiper blade rubber may not clean the windscreen properly.



### Continuous Wiping



Wipers operate continuously at normal speed.



Wipers operate continuously at high speed.


## WINDSCREEN, WINDOWS, MIRRORS AND SUN VISORS

### Rain Sensor Wiping


The windscreen wipers activate automatically relative to the intensity of any rainfall sensed on the windscreen.

Rain sensor wiping is activated when the ignition is set to I or II with the wiper stalk in AUT position.

Rotate the ring on the end of the stalk, upwards for greater sensitivity and downwards for less sensitivity.

 **WARNING:** Do not use the rain sensing function if there is the potential risk that rain or washer fluid could freeze on the windscreen, this may obscure your vision.


### Automatic Car Washes

 **CAUTION:** The windscreen wipers could start sweeping and become damaged in an automatic car wash. Ensure that the rain sensor function is deactivated when the engine is running or when the vehicle's electrical system is in ignition position I or II.



### Windscreen Washers

Pull the wiper stalk towards you to activate the washers. The wipers will also sweep the windscreen several times.

 **CAUTION:** Use plenty of washer fluid when the wipers are cleaning the windscreen. The windscreen must be wet when the windscreen wipers are operating.

### Washer Fluid Level



This symbol and a notification message will be shown in the driver's display if the fluid level becomes low in the washer fluid reservoir, also see page 250.





### Power Door Windows

You can operate both of the vehicle's power windows using the window switches from the control panel in the driver's door panel. The passenger can operate their window by using the window switch in their door panel.

- 1** Moving the switches up or down slightly will raise or lower the windows for as long as the switches are held in position.
- 2** Moving the switches up or down fully, and then releasing will raise or lower the windows automatically to their end positions.

**WARNING:** Do not leave children unattended in the vehicle.

**WARNING:** Before closing a window, always check that no person or object will be trapped.

**WARNING:** Careless window operation could be dangerous, especially to children. Ensure that all passengers are also made aware of this danger.

**WARNING:** Do not leave children or animals in a parked car with the windows fully closed in hot weather conditions.

The vehicle must be in ignition mode I or II to operate the power windows. The power windows can be operated for a few minutes in ignition mode 0, (but not after a door has been opened). It is only possible to operate one switch at a time.

### Automatic Drop/Raise

To ease door closure and optimise the sealing of the door glasses against the door seals, a fully raised window will automatically drop a small distance when the door is opened and rise again after the door is shut.

### Pinch Protection

If either of the door windows is blocked by any object while opening or closing, the movement stops and then automatically reverses by 50 mm (2") approximately from the blocked position (or to fully open position).


To override pinch protection when closing has been cancelled, e.g., when ice is formed, continue to press the window switch in the required direction.

If the battery supply is interrupted, the one touch down, auto drop and pinch protection features will not function which could increase risk of damage to the door window seals.

## WINDSCREEN, WINDOWS, MIRRORS AND SUN VISORS

### Resetting Automatic Drop/Raise/ Pinch Protection

- Fully raise each window, once raised, hold the switch for 2 seconds until a click is heard.
- Then fully lower each window, once lowered, hold the switch for 2 seconds until a click is heard.

 **NOTE:** The windows cannot be opened at speeds above 180 km/h (110 mph) approximately, but they can be closed at any speed.



### Door Mirrors

You can operate both of the vehicle's door mirrors, adjusting the mirror glasses using the switches and joystick within the control panel located in the driver's door panel.



**WARNING:** The passenger door convex mirror makes objects seem smaller and farther away than when viewed through a flat mirror. Take care to judge distances and speeds correctly. If you move into a lane on your right when the car behind is too close, you could cause a collision and a crash. Check your interior mirror or glance over your shoulder before changing lanes.



### Adjusting the Door Mirror Glasses

- Press the L button for the left-hand door mirror or the R button for the right-hand door mirror.
- The light in the pressed button illuminates.
- Adjust the mirror glass positions using the joystick.
- Press the button again, the light will extinguish.

### Folding/Unfolding the Door Mirrors

The door mirrors can be folded inwards for parking or driving into narrow spaces\*.

### Folding the Door Mirrors

- Set the ignition mode to I or above.
- Press the L and R switches simultaneously.
- Release them after approximately after 1 second and both door mirrors will automatically stop in the fully folded position.

### Unfolding the Door Mirrors

- Press the L and R switches simultaneously again.
- The mirrors will automatically stop in the fully unfolded position.

\*Optional accessory.

### Automatic Folding When Locking

The door mirrors can be automatically folded/unfolded when the vehicle is locked/unlocked using the keyfob.

The preset option for this feature is set within the centre display, see page 141 for further information.



**NOTE:** If the mirrors have been folded inwards using the L and R buttons, they must be folded out manually.

### Resetting to Neutral

Door mirrors that have been moved out of position by an external force must be reset electrically to their original positions for electric retracting/extending to work correctly\*.

- Fold in the door mirrors by pressing down the L and R buttons simultaneously.
- Fold them out again by pressing the L and R buttons simultaneously.
- Repeat the above procedure as necessary to return the mirrors to their original positions.

\*Optional accessory.

## WINDSCREEN, WINDOWS, MIRRORS AND SUN VISORS

### Manual Angling During Parking

Door mirror glasses can be angled down for the driver to view the side of the road when parking\*.

- With reverse gear engaged, press the L or R switches as required.
- Note that the switches may need to be pressed twice, depending on whether it was already preselected.
- The switch flashes when the door mirror glasses are angled down.
- With reverse gear disengaged, the door mirror glasses automatically start to return after 3 seconds and then reach their original position after 8 seconds approximately.

\*Only applicable if power seats with memory buttons are fitted.

### Automatic Angling During Parking

The door mirror glasses can be automatically angled down when reverse gear is selected.

This feature is set within the centre display, see page 141 for further information.



**NOTE:** Pressing the L or R switches twice will return the glass to its original position.



**Interior Rearview Mirror**

### Manual Dimming

The interior rearview mirror can be dimmed using the lever on the mirror base.

- Dim the mirror by moving the lever towards you.
- Return to normal view by moving the lever towards the windscreen.



**NOTE:** The control for manual dimming is not available on mirrors with automatic dimming.


### Automatic Dimming Mirror

Bright light from behind the vehicle, reflected from the rearview and door mirrors is automatically dimmed\*.

Except for when the ignition is off or reverse gear is selected, automatic dimming is always active.

The preset dim levels for this feature are set within the centre display, see page 141 for further information.

\*If option fitted.

 **NOTE:** The dimming function of the interior rearview and door mirrors will be reduced if these sensors are obscured by objects such as parking permits, transponders or sun visors etc, that may prevent light from reaching the sensors.



### Sun Visors

Sun visors (if fitted) are located in the roof lining in front of the seats and can be folded down when necessary. They can also be unclipped from their inner mountings and rotated if required.

With the visors in the down position, vanity mirrors in the visors are illuminated when the mirror covers are slid open.

**CABIN STORAGE AND POWER SOCKETS**

## CABIN STORAGE AND POWER SOCKETS



### Glovebox

Located on the passenger side fascia, press the release button above the glovebox to open. To close push fully closed and the latch will engage.



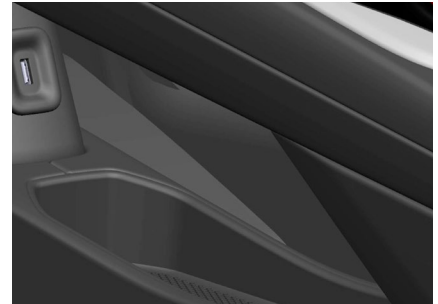
### Armrest



### Below Climate Control Switches



### Cup Holders



### Below Gear Selector

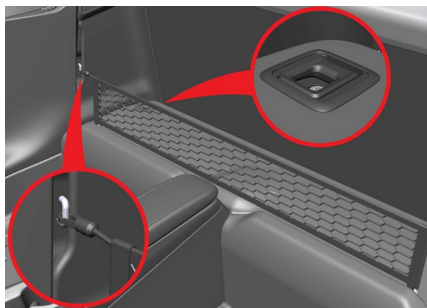
(Automatic transmission centre console shown, storage tray in manual transmission console is smaller).

## CABIN STORAGE AND POWER SOCKETS




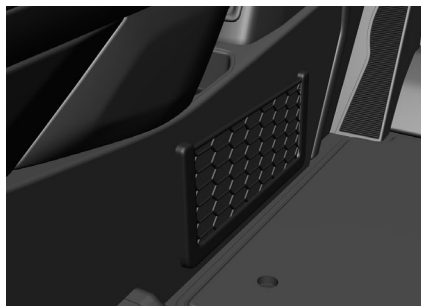
**Door Pockets**

**Luggage Nets**



**Rear Cabin Net**  
(If fitted).

 **WARNING:** The maximum luggage weight must not exceed 20kg (44 lb). Any luggage stored must be fully enclosed within the net to avoid becoming insecure in the vehicle.



**Centre Console Net**  
(If fitted).




**Power Sockets**

**12 Volt Power Socket**

A power socket is located at the rear of the centre console. It is active in ignition mode I or II.

If the engine is switched off and the vehicle is locked, the power socket and USB ports are deactivated. If the engine is switched off and the vehicle is not locked, then the socket and USB ports continue to be active for a further seven minutes.

 **WARNING:** Do not leave small children unattended in the vehicle since careless interference with the power socket could be dangerous.



**⚠ WARNING:** Do not use accessories that can cause interference to the vehicle's radio or electrical systems.

**⚠ WARNING:** The connected accessory should be put in a position so that it cannot injure the vehicle occupants in the event of heavy braking or collision.

**⚠ WARNING:** Frequently check any connected accessories as they can generate heat that can burn occupants or the interior.

**⚠ CAUTION:** The battery may become discharged if the auxiliary socket or USB ports are used when the engine is switched off.

**⚠ CAUTION:** Accessories exceeding a 10 amp rating should not be used. Check the rating of any accessory before plugging it into the power socket.



### USB Ports In Armrest

2 USB ports (type A and C) are fitted inside the centre console armrest. These can be connected to the infotainment system for data transfer and phone projection.

**⚠ CAUTION:** The USB port output voltage is 5V and the maximum current is approximately 2.5A. Do not connect devices such as fans or lights to the USB ports.



### Front of Centre Console

A single type A USB port is fitted forward of the centre consoles lower storage tray, which is used for device charging only.

A USB cable can be routed through a hole on the underside of the upper console into the storage area below the climate control switches. The rubber mat in the storage area also has a feature to retain the USB lead into position.

## CABIN STORAGE AND POWER SOCKETS



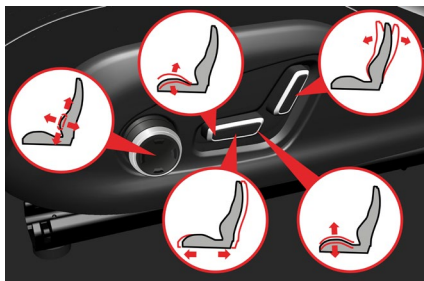
### **Rearview Mirror**

(If fitted)






A USB port is located at the front of the rearview mirror trim, intended for supplying power to a traffic video recorder.

**SEATS AND STEERING WHEEL**

## SEATS AND STEERING WHEEL



### Seats Power Seats

-  Adjust the lumbar support by pressing the top/bottom/front/rear part of the switch.
-  Adjust the angle of the seat cushion by moving the front of the switch up/down.
-  Adjust the height of the seat cushion by moving the rear of the switch up/down.
-  Adjust the angle of the backrest by moving the control forwards/backwards.
-  Move the seat forwards or backwards by moving the control forwards/backwards.

### Seat Fold See page 182.

**WARNING:** To prevent personal injury that could be caused by sudden braking, ensure that the seat is locked in position before driving.

**WARNING:** Sit as far back from the steering wheel as is comfortable, whilst ensuring that the brake pedal can still be fully depressed and that full control of the vehicle can be maintained.

**WARNING:** Ensure that no persons or objects will be trapped when adjusting the seat.

**WARNING:** Do not attempt to adjust the seat position whilst driving as this could adversely affect your control of the vehicle.

**NOTE:** Two of more of the power seat's control switches cannot be used at a time.

**NOTE:** The power seats have an overload protection system that is activated if an object is restricting seat movement. If this occurs, remove the object and then move the seat again.



### Seat/Door Mirror Memory Switches (If fitted)

Memory buttons are located on the driver's door panel for vehicles fitted with power seats. The memory function can store two different settings for the driver seat and door mirrors.

#### Storing Memory Settings

To store a seat/door mirror position in memory button 1:

- Set the vehicle to ignition 1, or have the engine running, see page 198.
- Adjust the seat and door mirrors to the desired position, see pages 180 and 170.
- Press the M button and release. The indicator light in the button will illuminate.
- Within a short period, press and hold button 1 until the indicator light in the M button extinguishes and a chime is heard.



**NOTE:** Use Button 2 in the same way to store another set of seat/mirror positions.

#### Activating a Stored Setting

With the driver door open:

Press button 1 and release. The seat/door mirrors will automatically move to the stored position.

With the driver door closed:

Press and hold button 1 until the seat/door mirrors stop moving.



**WARNING:** Do not use the memory function or adjust the seat when the vehicle is moving. This could cause loss of vehicle control.



**WARNING:** The driver's seat can be adjusted with the ignition in mode 0, therefore children should never be left unattended in the vehicle.

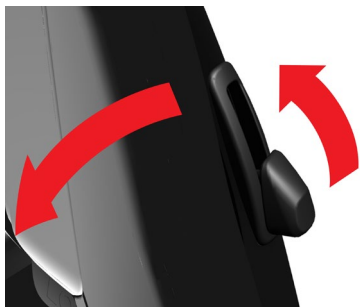


**CAUTION:** Obstructions to the seats movement could cause damage to the seat.



**NOTE:** The lumbar position setting is not stored.

## SEATS AND STEERING WHEEL



### Seat Fold

Pull the strap on the outboard rear of the seat to fold the backrest and move the seat forwards. The seat will return to its original position after releasing the lever.

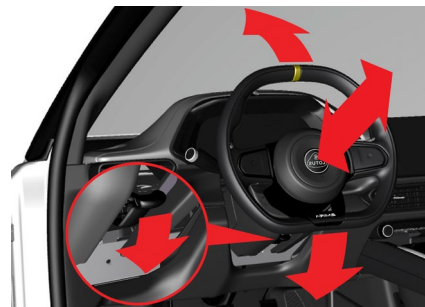
### Seat Heating

See page 192.



### Horn

To sound press the centre pad area on the steering wheel.



### Steering Wheel Adjustment

The steering wheel can be adjusted for both height and depth.

1. To release the steering wheel, push the column lock lever downwards.
2. Adjust the steering wheel to your ideal height and depth position.
3. To lock the steering wheel in position, pull the column lever back.
4. Try to move the steering wheel up, down, in and out to ensure that you have locked it securely.



**WARNING:** Ensure that the steering wheel is in the correct position and locked securely before driving. Never adjust the steering wheel whilst driving.

The door mirrors and driver seat should also be adjusted to a safe and comfortable position before driving, see pages 170 and 180.

### **Electronic Steering Column Lock**

When the ignition is in mode 0 and the vehicle is stationary, the electronic steering column lock will activate (lock), when:

- The vehicle is locked using the keyfob.
- A certain time period has elapsed with the ignition mode 0.
- The vehicle is not started within a certain time period after unlocking the vehicle.

**CLIMATE CONTROL**

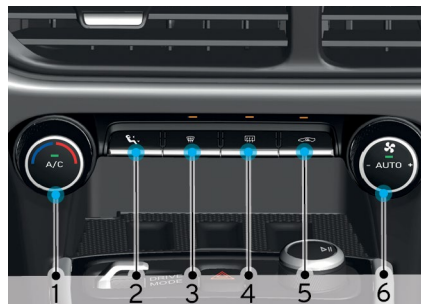


### Climate Control System

Climate system options are selected from the climate control switches in the centre console as well as the on-screen buttons in the centre display. To get the best results from the climate control system:

- The windows should be closed.
- Clear any snow, ice or blockages from the air inlet in front of the windscreen.

**NOTE:** To ensure that the air conditioning system is kept in good condition, and the compressor lubricated, it is recommended to select air conditioning at least for a few minutes every week.



**Climate Control Switches**

- 1 Temperature control and air conditioning on/off.
- 2 Air distribution.
- 3 Windscreen demister.
- 4 Heated rear screen/door mirrors.
- 5 Air recirculation.
- 6 Fan speed/auto climate mode on/off.



### Air Conditioning

With the engine running and the climate fan on:

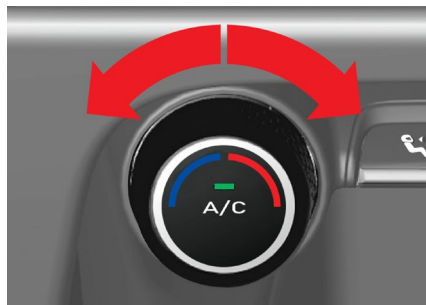
- Press the A/C button to activate the air conditioning.
- The indicator lamp in the button illuminates and the A/C symbol appears in the centre display.
- Press the button again to deactivate.

The air conditioning system can also be activated by:

- Pressing AUTO button.
- Pressing the windscreen demister button.

See page 192 for centre display settings.

## CLIMATE CONTROL



### Air Temperature

To adjust the cabin air temperature, rotate the control ring around the A/C button clockwise to increase temperature and counter-clockwise to decrease.

The temperature setting temporarily appears in the centre display as well as being permanently shown on the climate navigation bar of the centre display.

See page 192 for centre display settings.



### Air Distribution

Air flow enters the vehicle cabin by a combination of the:

- Windscreen demister and side window air vents.
- Footwell air vents.
- Face level instrument panel air vents.

The current air distribution setting temporarily appears in the centre display as well as being permanently shown on the climate navigation bar of the centre display.

Pressing on the air distribution switch briefly changes/cycles the air flow between a combination of these vents, providing 6 different settings.



Footwell.



Footwell and face.



Face.



Face and windscreen.



Windscreen.



Windscreen and footwell.

See page 192 for centre display settings.



Manual recirculation cannot be selected with the demister active.

### Demister

Press the demisting switch for maximum windscreen demisting/defogging. When activated:

- The indicator lamp above the switch illuminates and a demister symbol temporarily appears in the centre display.
- The climate fan will operate at full speed.
- All airflow is directed to the windscreen.
- Maximum heat is selected.
- Air conditioning is activated.
- Press the switch again to deactivate. Demister function will also deactivate if the ignition mode is set to 0.



### Heated Rear Screen/Door Mirrors

With the engine running, press the rear screen/door mirror switch to activate the rear window defrost function. When activated:

- The indicator lamp above the switch will illuminate.
- The rear screen and the door mirrors will begin defrosting.
- Press the switch again to deactivate, but will automatically cancel after 10 minutes approximately.

The heated rear screen can also be set to automatically activate in cold temperature conditions using the controls in the centre display, see page 192.

## CLIMATE CONTROL



### Air Recirculation

Press the recirculation switch to prevent fumes from other vehicles etc from entering the cabin, or for maximum cooling when using the air conditioning. When activated:

- The indicator lamp above the switch illuminates and a recirculation symbol temporarily appears in the centre display.
- The interior air is recirculated inside the vehicle.
- Press the switch again to deactivate.



**WARNING:** Do not use the recirculation mode for long periods as it may cause the interior air to become stale and the windows to mist up.

It is not possible to activate air recirculation when the demister is activated.

See page 192 for centre display settings.



### Auto Climate

With the air temperature set to the desired level, press the AUTO button to activate automatic climate system. When activated:

- The indicator lamp in the button illuminates.
- The airflow temperature, distribution and climate fan speed are then controlled by the vehicle to maintain your desired temperature.

The auto mode will deactivate if one of the following occurs:

- Recirculation mode is activated.
- The demister is activated.
- The air distribution switch is pressed.
- The climate fan speed is adjusted.

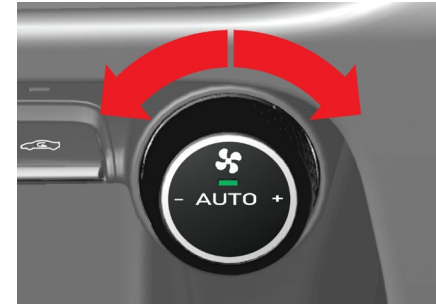
See page 141 for centre display settings.

### **Automatic Climate Temperature**

The desired regulated climate in the vehicle cabin is based on the temperature perceived by the system, not the actual temperature.

This perceived temperature is influenced by ambient temperature, air speed, humidity, solar radiation, etc. that the vehicle is currently subjected to.

A sensor detects which side of the vehicle the sun is entering into the cabin, which means that the airflow temperature between the air vents may be different even though the system is attempting to regulate the temperature.



### **Climate Fan**

To adjust the climate fan speed, rotate the control ring around the AUTO button clockwise to increase fan speed (seven speeds are available). Turn counter-clockwise to decrease (down to fan off).

An indication of the fan speed level temporarily appears in the centre display as well as being permanently shown on the climate navigation bar of the centre display.

See page 192 for centre display settings.

## CLIMATE CONTROL



### Air Vents

Adjustable air vents are positioned in the centre and outboard of the fascia on both sides.

Non adjustable vents direct airflow to the windscreen and footwells.



### Adjusting Air Vents

Move the lever within the vent to direct airflow to the direction required.

### Pollen Filter

A pollen filter is to clean all air entering the vehicle cabin.

### Pollen Filter Replacement

To maintain air quality entering the vehicle, the filter should be renewed by your Retailer at intervals specified in the vehicle maintenance schedule.

If the vehicle is driven in an exceptionally dusty/sandy environment, filter replacement may be required more often. Contact your Lotus Retailer for more details if necessary.

### **Interior Air Cleaning System**

An air quality sensor detects contaminants in the air outside of the vehicle. When excessive contaminant levels are detected, the cabin fresh air intake vent closes and the air inside the cabin is recirculated to avoid high pollution.

The system will not activate when:

- The recirculation mode is already active.
- The climate fan is not on.
- The windows are open.

### **Active Electrical Module Cooling**

When required, cooling air from the climate system is diverted to some of the electrical modules positioned behind the dashboard area to ensure optimal performance.

If activated, the climate fan and air conditioning functions may automatically activate or adjust their current settings.

## CLIMATE CONTROL

### Centre Display

Additional climate control settings, as well as those also activated by the switches can be controlled from the centre display screen.

### Presets Bar

From the side bar of the centre display, select: Global Settings/App options > Car > Climate.

#### 1 Recirculation Timer:

Automatic cancellation 30 minutes after activation.

#### 2 Fan Intensity Auto Mode:

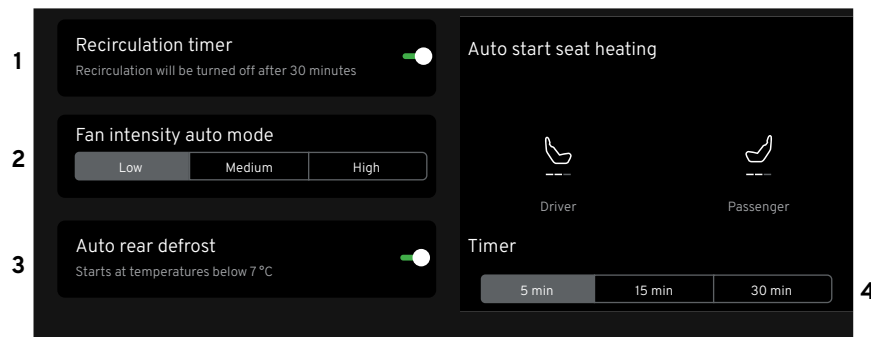
Low, medium and high intensity level options.

#### 3 Auto Rear Defrost:

Heated rear screen automatically activates below temperatures of 7°C.

#### 4 Auto Start Seat Heating:

Available when in ignition mode II (active), set the duration period of automatic seat heating.



Tap the required climate option.



Use the slide button to activate the preset.



If preset levels are available, tap on the toggle buttons to select the level required.

See page 141 for information on the centre display screen.

### Seat Heating

See page 194 for further information on using the toggle buttons to change the seat heating levels.



**NOTE:** Passenger seat heating will not activate if the passenger airbag has been deactivated, see page 42.

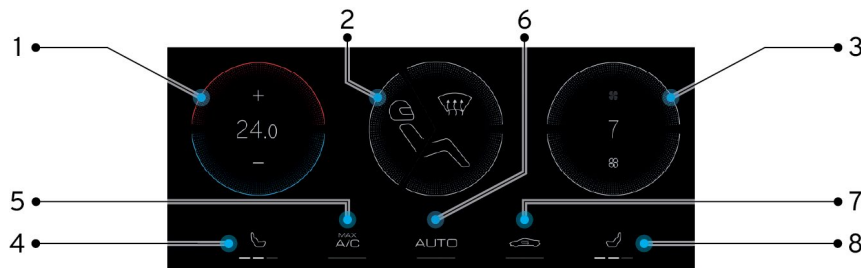
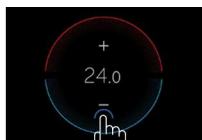


**Navigation Bar**

From the navigation bar in the centre display, select the climate control icon to show the available options.

**Climate Control Options**

- 1 Temperature.
- 2 Air distribution.
- 3 Fan speed.
- 4 Left side seat heat.
- 5 Max A/C.
- 6 Auto climate.
- 7 Recirculation.
- 8 Right side seat heat.

**1 Temperature**

Tap '+' or '-', changes the temperature by 0.5°.



Long press the '+' or '-', sets the temperature to 'Hi' or 'Lo'.



Press and drag up or down inside the display to change the temperature.



Press and drag up just outside of the display to set 'Hi' temperature.

See page 141 for further information on the centre display screen.

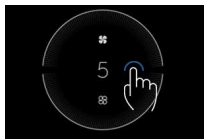
**2 Air Distribution**

Tap on the bottom, middle or top area of the air distribution display to activate or deactivate a zone.

**Windscreen****Footwell****Face**

## CLIMATE CONTROL

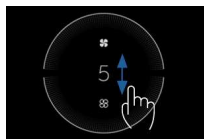
### 3 Fan Speed



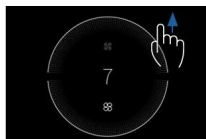
Tap inside display to increase or decrease the speed by one level.



Long press inside display to set speed to '7', or 'OFF'.

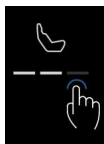


Press and drag inside display to change the speed.



Press and drag outside display to set fan speed to '7'.

### 4 Heated Seat Temperature



Repeatedly tap the toggle button to change the heating levels for the driver and passenger seats between: Off, High, Medium and Low.



**WARNING:** Persons who have difficulty in perceiving increasing temperature due to a lack of sensation or have problems operating the controls should not use the heated seat option as this may result in burn injuries.

### 5 Maximum A/C



Pressing the 'MAX A/C' toggle button or by setting the temperature to 'Lo', will activate maximum A/C.



**NOTE:** Auto climate will be deactivated if previously selected.

When activated, the indicator lamp below the toggle button illuminates, the temperature is set to 'Lo' and the climate system will attempt to lower the cabin temperature to as cold as possible by adjusting the climate fan speed, air distribution settings and activating the air conditioning (if not already activated).

Press the toggle button again to deactivate Max A/C, or:

- Change the temperature.
- Change the climate fan speed and air distribution settings.
- Deactivate the air conditioning.
- Activate auto climate setting.

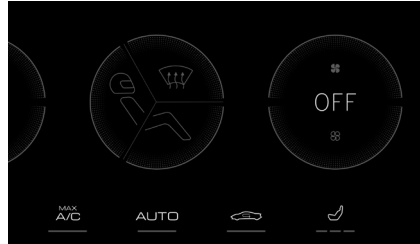


## 6 Auto Climate

Set the temperature to the desired level and then activate auto climate by pressing the toggle button in the central display or by pressing the AUTO button in the centre console.

- The indicator lamp below the toggle button illuminates.
- The climate fan speed level and the air distribution indications within their displays are dimmed.

The climate system will now adjust the speed, distribution and amount of cold air introduced into the cabin to maintain the desired temperature.



## Setting Climate to Off

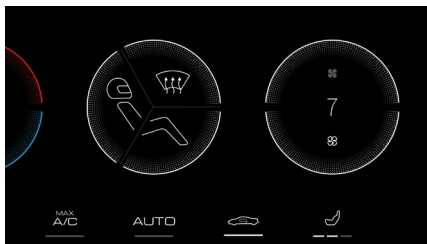
Set the climate fan speed level to 'OFF' from the central display or by using the control ring around the AUTO button in the centre console, see page 188.

- 'OFF' is shown in the climate fan speed display.
- The temperature level within the temperature display is dimmed.
- Airflow distribution is deactivated.

## To Reactivate Climate:

- Tap the '+' button within the temperature control display.
- Increase the climate fan speed level from the central display or by using the control ring around the AUTO button in the centre console.

## CLIMATE CONTROL



### 7 Air Recirculation

#### Setting Air Recirculation

Press the toggle button in the central display or press the recirculation button in the centre console, see page 188.

- The indicator lamp below the toggle button illuminates.
- The interior air is recirculated inside the vehicle.
- Press the toggle button again to deactivate.

#### Voice Assistant (If Available)

Some climate control functions can be controlled using voice assistant via the centre display screen, also see page 154 for activating voice assistant.

#### Seat Heating

##### Voice Commands

- } - "Set Seat heating to level 1".
- } - "Turn up seat heating level".
- "Set seat heating level lower".
- "Decrease seat heat".

#### Climate Fan

##### Voice Command

- } - "Decrease the fan speed to the minimum".
- "Reduce the fan level".

#### Demister/Air Conditioning

##### Voice Command

- } - "Switch on front window defrost".
- "Set the air conditioner to 24 degrees Celsius"

**STARTING AND DRIVING**

## STARTING AND DRIVING



### Ignition Modes

To change the ignition mode from mode 0 (inactive, with the vehicle unlocked and driver's door opened), press the START/STOP ENGINE button WITHOUT depressing the clutch (manual powertrain vehicles) or brake pedal (automatic powertrain vehicles).

### Ignition Mode

● 0 - Inactive



↓ I - Convenience



↓ II - Active



### Systems Available

Some electrical functions can be used in this mode within a limited time period. The clock, audio infotainment and position lights can be used. The electronic steering column lock is also deactivated (unlocked).

Certain convenience functions can now be operated, such as the power windows, phone, etc.

Exterior lights can be operated. The electrical systems will perform self-checks and the warning alerts symbols will illuminate in the driver display for approximately 3 - 6 seconds. Most electrical controls can now be operated.

### Ignition mode I (Convenience)

With the keyfob detected, a brief press on the START/STOP ENGINE to change to mode I from 0.

### Ignition mode II (Active)

With the keyfob detected, a long press on the START/STOP ENGINE for around 5 seconds to change to ignition mode II from modes 0 or I.

### Electronic Steering Column Lock

When the ignition is in mode 0, (inactive) and the vehicle is stationary, the electronic steering column lock will activate (lock), when:

- The vehicle is locked using the keyfob.
- A certain time period has elapsed with the ignition in mode 0.
- The vehicle is not started within a certain time period after unlocking the vehicle.

### Starting the Engine

- Ensure the keyfob is in the front seat area.
- Manual vehicles: Check that the transmission is in neutral and depress the clutch or brake pedal, see page 201.
- Automatic vehicles: Select P – Park or N - Neutral and apply light foot pressure to the brake pedal, see pages 203 and 211.



- Lift the rear of the START/STOP ENGINE button flip cover.
- Press and release the START/STOP ENGINE button, the autostart function will operate the starter motor until the vehicle starts.

**WARNING:** To maintain vehicle control, ensure that the driving seat, steering wheel and door mirrors are adjusted correctly.

**WARNING:** If necessary, adjust the driving seat to ensure that the brake pedal can be fully depressed.

**WARNING:** Ensure that you and any passenger in the vehicle fastens their seatbelt before driving.

**WARNING:** Never remove the keyfob from the vehicle or press the START/STOP ENGINE button when the vehicle is moving. This could stop the engine and cause an accident.

**CAUTION:** Do not accelerate a cold engine immediately after starting. Oil may not lubricate all engine components and could cause engine damage.

## STARTING AND DRIVING

### Alcohol Interlock

An aftermarket alcohol interlock can be fitted to prevent the vehicle from being started and driven whilst the driver is under the influence of alcohol.

Fitting information on how to connect an alcohol interlock to the vehicle electrical system can be provided by a Lotus Retailer to an authorised automotive electrician.

Refer to any information provided with the alcohol interlock system on its operation.



**WARNING:** The driver must always take responsibility to be sober and to drive the vehicle safely.



**NOTE:** When the remote control key is positioned by the backup reader in the front cup holder, make sure that there are no car keys, metal objects or other electronic devices also in the cup holders, (such as mobile phones, or chargers). Devices close together by the backup reader may cause interference with each other.

### Emergency Starting

A message is shown in the driver display if the keyfob battery is low and cannot be detected.



**NOTE:** If the does not start after 3 attempts, wait for 3 minutes before making a further attempt.



### Key not in car

If this message is shown and the engine will not turn over then:

- Place the keyfob in the recess towards the rear of the storage area within centre console arm rest.
- Press the start button.
- The alarm siren will silence and the alarm is deactivated.





### Switching off the Engine

- Ensure the vehicle is stationary, the parking brake applied and the transmission is in neutral (manual vehicles), or in P- Park (automatic vehicles). Also see pages 215 and 203.
- Lift the rear of the START/STOP ENGINE button flip cover.
- Press and release the START/STOP ENGINE button and the engine will stop.

**WARNING:** Always take the remote control key out from the vehicle when exiting and ensure the vehicle is in ignition mode 0 (especially if a child is left in the vehicle).

**CAUTION:** If possible, after a high speed or high load run, allow the engine to idle for a few minutes before switching off the engine. This will allow engine/fluid temperatures to return to normal. This will benefit the long-term durability of the powertrain.



### Manual Transmission

The Emira V6 manual transmission has 6 forward gears with the gear shift lever pattern shown on the gear knob. The clutch pedal must be fully depressed during each gear change and the throttle pedal eased during upshifts.

See page 203 for other transmission options.

**WARNING:** Always apply the parking brake when parking on an incline/hill. Leaving the vehicle in gear may not be sufficient to hold the vehicle.

## STARTING AND DRIVING



### Selecting Reverse Gear

With the vehicle stationary, and the clutch pedal fully depressed, lift collar beneath the gear knob and move the gear shift lever fully over to the left, then forwards to engage reverse gear.

The park assist camera will also automatically\* activate showing the view from the rear of the vehicle in the centre display.

\*Dependent on market.

**!** **CAUTION:** Changing gear without correct clutch and throttle operation can result in transmission and engine damage. Never attempt to engage reverse gear while the vehicle is moving forward. This may result in serious transmission damage which is not covered by the vehicle warranty.

### Clutch Pedal

For Emira V6 manual transmission vehicles, the clutch or brake pedal must be fully depressed to start the engine. Ensure that clutch pedal movement is not obstructed by a floormat or any other object before driving.

**!** **WARNING:** Any floor coverings in the footwell must be properly secured. Loose mats can interfere with the operation of the foot pedals causing possible loss of vehicle control.



### **Other Transmission Options** **Automatic Transmission**

The Emira V6 is available with the Lotus automatic transmission system.

### **Dual Clutch Transmission**

The Emira 4-cylinder is fitted with an 8-speed dual clutch transmission system. Both options allow the driver to switch between conventional automatic drive to manual shift mode with the options of sport and track modes producing quicker and more pronounced gear shifts as well as optimising shift points for performance.

The information shown from pages 203 – 210 applies to both transmission systems unless otherwise stated.

### **System Modes**

#### **Automatic Selection**

In tour mode, gear shifts and shifting points are biased to optimise refinement and fuel economy.

#### **Manual Selection**

Forward gears can be sequentially manually selected using either the gear selector or paddle shifters behind the steering wheel.



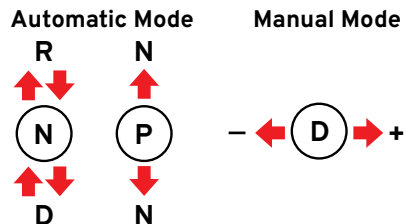
### **Gear Selector**

With the vehicle in ignition mode II, the following gears can be selected from the gear selector.

R - Reverse  
N - Neutral  
D - Drive

The engine can only be started if either P or N are selected with the footbrake depressed.

## STARTING AND DRIVING



### Selecting Gear

Dependent on the gear currently selected, firmly depress the footbrake and move the gear selector forward or rearward once or twice to shift between gears.

To select R when D is selected (or vice-versa), depress the footbrake, then quickly move the gear selector twice forward or backward as required to select gear.

**WARNING:** Always depress the footbrake firmly whilst selecting D or R, as the vehicle may move even if the throttle is not depressed.

**WARNING:** To avoid unexpected or sudden vehicle movement always select P or N if the vehicle is stationary with the engine remaining at idle for prolonged periods.

**NOTE:** To avoid unexpected or sudden vehicle movement wait for the transmission to engage gear after selecting D or R before depressing the accelerator pedal.

A warning message will appear in the driver's display screen if attempting to select a gear or start the vehicle without the footbrake depressed.

It is good driving practice to only turn the engine off once the vehicle is stationary and P or N has been selected.





### P – Park

With the vehicle stationary, apply the parking brake and press the P button behind the gear selector to activate Park mode. Move the selector lever forward/rearward once to deactivate park mode.

**WARNING:** Always apply the parking brake as well as selecting P to keep the vehicle stationary.

**CAUTION:** To avoid engine and transmission damage, the vehicle must be stationary before selecting P.

 **NOTE:** To lock the vehicle and arm the alarm, the transmission must be in P.

 **NOTE:** If the engine is switched off and a door is opened, an audible warning will sound to remind you to select P.

### Automatic Park Activation

Park will automatically be selected:

- When the engine is switched off in position D or R.
- The driver unfastens their seatbelt and opens the driver's door when the engine is running in any other gear.


### R - Reverse

Firmly depress the footbrake and select R to reverse the vehicle. Always stop the vehicle completely before selecting R. Dependent on market, the park assist camera will automatically activate showing the view from the rear of the vehicle in the centre display.

### N - Neutral


No gear is engaged with neutral selected. Only select N when the parking brake is applied and the vehicle is stationary. The engine can also be started when the transmission is in neutral.

Neutral can also be selected from any gear by simultaneously pulling both steering wheel mounted paddle shifters towards the driver.

 **NOTE:** For Emira V6 models, the brake pedal must be depressed and the ignition must be in mode II before you can select any other gear from N.

### D - Drive

Depress the brake pedal\* and select D only when the vehicle is stationary to engage forward gears.

 **NOTE:** The brake pedal does not need to be depressed if the current vehicle speed is over 5 km/h.

\*For Emira 4-cylinder powertrain models the brake pedal does not need to be depressed to select D from N.

Gear changing shifting points are automatically controlled.

## STARTING AND DRIVING

### Unsuitable PRND Selection

If an unsuitable PRND request is selected (such as selecting reverse whilst the vehicle is moving forward in drive or if the footbrake has not been depressed), the current gear selected will remain highlighted in the driver display screen, a warning message is displayed and the transmission will not engage the gear requested.

### Drive Selection in Manual Mode

Drive can also be selected from P, R or N by depressing the footbrake and holding the '+' paddle shifter towards the driver. Also see page 208.




**NOTE:** The brake pedal does not have to be depressed if the current vehicle is above 5 km/h.

### Kick-Down

With the transmission in automatic mode, depressing the accelerator pedal fully will downshift the transmission into the lowest suitable gear. Once the accelerator pedal is returned to a normal driving position, the transmission will up-shift to the highest suitable gear. Kick-down operation will vary according to road speed, current gear in use and accelerator movement.

### Transmission Warning Messages

 This symbol will illuminate accompanied by an explanatory message in the driver's display if a fault has been detected within the transmission system. Dependent on the fault detected the vehicle may default to a limited power mode. If this occurs ensure to adhere to the message displayed (which may include stopping the vehicle) and contact your Lotus Retailer.



### Manual Selection Mode

Two driver controlled options are available

#### Permanent Manual Mode

Initially activated by using the gear selector lever and then maintained by using the gear selector lever or paddle shifters until automatic mode is reselected.

#### Temporary Manual Mode

Initially activated by using the paddle shifters, returning to automatic mode if the paddles are not used again within a certain time period. See page 208.

In permanent manual mode a white coloured 'M' is shown next to the gear selected. See page 209 for temporary manual mode indications.



**NOTE:** Kick-down is not available in manual mode.

## STARTING AND DRIVING



### Activating Permanent Manual Mode

Activate whilst driving in D by moving the gear selector to the right or left.

### Using the Gear Selector

- Move the gear selector to the right (toward “+”) then release, the transmission will remain in the current gear automatically selected. Continue to move the gear selector lever to the right to shift up into higher gears.
- Move the gear selector to the left (toward “-”) then release to immediately shift down into the next lower gear available.

Once in permanent mode you can also use the paddle shifters and still remain

in permanent mode. The transmission will not automatically upshift before reaching maximum engine speed (rpm), when in permanent manual mode, but will still downshift at minimum engine speed.



### Activating Temporary Manual Mode

Pull one of the paddle shifters positioned behind the steering wheel towards you to activate the temporary manual mode.

Up-shifting: Controlled by the “+” right hand paddle.

Down-shifting: Controlled by the “-” left hand paddle.

Pull the required paddle towards you to sequentially up-shift or down-shift gear

If the engine speed remains within the permitted rpm range then the transmission will change gear with each pull of a paddle.



**! CAUTION:** The use of high engine rpm before normal running temperature has been reached should be avoided. To reduce possible damage and wear the use of maximum engine speed should be restricted to occasions when maximum acceleration is required. Overuse will compromise powertrain service life.

Before maximum engine speed (rpm), is reached, the transmission will automatically upshift.

If not already selected by the driver, lower gears will be automatically selected by the transmission as the vehicle road speed decreases to protect the transmission system and prevent the engine from stalling.

### Unsuitable Gear Selection

#### Emira V6 Automatic Powertrain Models

If a gear shift is attempted which could cause the engine to reach its maximum rpm, then the current gear selected will remain unchanged and still be shown in the driver display screen.

#### Emira 4-cylinder Powertrain Models Temporary Manual Mode

If a gear shift is attempted which could cause the engine to reach its maximum rpm, The current gear selected will remain unchanged.

#### Permanent Manual Mode

If a gear shift is attempted which could cause the engine to reach its maximum rpm, the current gear selected will remain unchanged, the performance gear shift lighting and gear shift indicator arrow will activate, (see pages 80 and 81).

### Remaining in Temporary Manual Mode

Continued operation of either paddle within 20 second intervals will maintain manual selection.



If a paddle is not operated within a 20 second interval then the transmission will return to automatic mode selecting the appropriate gear, which may differ from the gear last manually selected.

#### 'M' - Manual Mode Indicator Status

Emira V6: A green coloured 'M' with timer bar underneath (as shown in above image).

Emira 4-cylinder: Green 'M' - no bar underneath.



**NOTE:** To protect the transmission, it will downshift at the lower rev band to prevent engine stalling.

## STARTING AND DRIVING

### Temporary to Permanent Mode

To change from temporary to permanent manual mode, move the gear selector to either the right (toward “+”) or left (toward “-”), see page 208.

### Deactivating Manual Selection

#### Using the Gear Selector:

- Move the gear selector rearward to select D.

Or;

- Move the gear selector forward to select N.

#### Using the Shift Paddles:

- Pull “+” up-shift paddle for 2 seconds.

Or;

- Pull both the “+” up-shift and “-” down-shift paddles for 2 seconds to select neutral.

Or;

- In temporary manual mode, do not make a gear selection with either paddle shifter for 20 seconds or more.

### Sport & Track Modes

Sport and track modes (if available) are provided for the preferences of some drivers.

Refer to page 218 for further information on the suitable conditions for activating sport, track and ESC (Electronic Stability Control) ‘Off’ modes as well as appropriate safety warnings.




**NOTE:** Switching off the Electronic Stability Program in conjunction with the selection of sport or track mode, will still retain the enhanced engine and transmission sport features, but without any power-induced wheel slip intervention. Anti-lock Braking System and Hydraulic Brake Assist will be retained in any mode selected.

See page 214 for further information on the Electronic Stability Control.


### Braking System

#### Footbrake


Ventilated disc brakes are fitted to all four wheels. These are operated by two separate hydraulic brake circuits which operate independently. If one brake circuit fails, the other will still operate but with reduced brake performance resulting in increased vehicle stopping distance.

 A brake system fault has been detected, or the level of the brake fluid is low if this warning symbol is shown in the driver's display at any other time than briefly during engine start up. A basic fault description message will also be displayed.


Contact your Lotus Retailer immediately if you think there is reduction in the braking performance of your vehicle or if a warning symbol and message is shown in the driver's display.

 **WARNING:** Failure to follow the above instruction may result in an accident.

The brakes are assisted by vacuum pressure which is only generated when the engine is running. The brake pedal will feel stiffer and greater pressure must be applied to stop the vehicle if the brake pedal is depressed when the engine is switched off, if the vacuum assist fails to operate.

 **WARNING:** Never drive the vehicle if the engine is not running or switched off because greater pressure on the brake pedal will be required to slow the vehicle, increasing stopping distance.

A reduction in braking performance may be experienced after driving through a ford or flood until the brakes have dried out. If this happens, apply the brakes as soon as it is safe to do so until normal braking performance is restored.

 **WARNING:** Failure to follow the above instruction may result in an accident.

## STARTING AND DRIVING

### Brake Pedal

Always check the movement of the brake pedal before driving and make sure that it is not obstructed by a floor mat or any other object.



**WARNING:** Any obstruction of the brake pedal could increase the stopping distance.

### Brake Pads

Note that the hard grade of the pad material may cause a certain amount of brake noise under some conditions; such noise is not harmful and does not affect the life or efficiency of the brakes. After frequent hard use of the brakes, it is beneficial to the durability of the discs and pads if the brakes are allowed to cool down before the vehicle is parked.

Allow the brake pads and discs to 'bed in' fully before using the brakes to their full potential. Pedal effort will reduce as the brakes are bedded in and as they are warmed from cold to normal working temperature, also see page 224.

### Anti-Lock Braking System

The Anti-lock Braking System (ABS) reduces the risk of any of the wheels to lock up during braking, ensuring the vehicle can still be steered.


ABS is especially beneficial when braking on slippery road surfaces and in bad driving conditions, but it is important to realise that the ABS cannot increase the friction level at the road surface, it can only make optimum use of the grip available.


The road wheels may appear to lock momentarily which is normal.




**NOTE:** ABS does not function at speeds below 8 km/h (5 mph).

When the ABS is activated, a 'pulsing' sensation at the brake pedal will be felt and a clicking from the control solenoids may be heard, indicating that maximum braking is occurring and that the driving style should be modified to suit the road conditions. Also see emergency brake light information on page 162.

 **WARNING:** The benefits that ABS can provide should not encourage you to take more risks with your safety. ABS will not prevent a skid caused by abrupt steering movements or attempting to corner too quickly. ABS does not avoid the risk of an accident due to inappropriate speed. The driver is always responsible for the judgement of safe speed.


 **WARNING:** Always maintain a safe distance from other vehicles relative to the road surface and weather conditions.

On surfaces, such as gravel or snow, a vehicle with ABS may need a longer stopping distance. Allow a greater following distance in these conditions.

 The amber warning symbol in the driver's display should illuminate for about 3 seconds following ignition switch on and then extinguish. If the symbol remains illuminated, or comes on whilst driving, an ABS fault has been detected and it is not operating.

The braking system will continue to operate normally, but without ABS operating, braking distances may increase. The vehicle may continue to be driven with appropriate care and anticipation but contact your Lotus Retailer at the earliest opportunity.

The ABS braking system is calibrated for the tire and wheel size(s) recommended for the vehicle. If incorrect wheels or tyres are fitted, the ABS braking module may receive incorrect information from its sensors resulting in reduced ABS performance.

 **WARNING:** Only fit wheels and tyres of the correct sizes recommended for this vehicle.

### Hydraulic Brake Assist

Hydraulic Brake Assist detects an emergency situation by measuring the braking reaction and brake pressure build-up. In case of insufficient brake pressure, the HBA system increases braking force (up to the force until the ABS system is engaged), to ensure the shortest stopping distance possible.

## STARTING AND DRIVING

### Traction Control System

The traction control system detects any excessive amount of wheelspin from the rear wheels. The system will reduce the engine power output and apply braking to the spinning wheel until grip is restored.



If this indicator symbol is flashing in the driver display when a rear wheel is spinning excessively, then traction control intervention is taking place and the driving style should be modified accordingly.

### Electronic Stability Control

Electronic Stability Control (ESC), operating as part of the traction control system, enhances vehicle stability in extreme manoeuvres such as accident avoidance attempts or misjudged cornering demands at which time engine power output is reduced and braking to individual wheels is applied.



If this symbol is flashing in the drivers display whilst driving, then ESC intervention is taking place, indicating that the vehicles tractive limit has been reached and that driving style should be modified.

ESC is a supplementary driver support function intended to aid the driver, but it cannot be guaranteed to operate fully in every traffic, weather and road condition.



**WARNING:** Even with these safety systems fitted, do not take any risks and stay alert when driving. The driver is responsible at all times for maintaining appropriate road speed conditions, making any necessary allowances for increased stopping distances.



The symbol illuminates continuously accompanied by a message in the driver's display if a fault has been detected with the ESC system.



If ESC is manually turned off then this symbol is illuminated in the drivers display, see page 218. for further information.



**WARNING:** Lotus recommends that ESC should always be active when driving on public roads in normal conditions.

### Drive Modes

There is a reduction in ESC settings when sport and track modes are selected, see page 218.



### Electric Parking Brake

The electric parking brake applies the rear brakes to hold and keep the vehicle stationary.

The parking brake switch is located on the outboard side of the steering column.

The parking brake can be manually activated/deactivated with either the engine running or with the vehicle in ignition mode II, see page 198.




**NOTE:** A motor noise may be heard when the parking brake is applied and may also be heard during the automatic function checking of the parking brake.


Braking force will only be applied to the rear wheels if the parking brake is activated when the vehicle is stationary. Braking force is applied to all four wheels using the hydraulic foot brake circuit if the parking brake is activated when the vehicle is moving but transfers to the rear wheels once almost stationary.

## STARTING AND DRIVING

### Emergency braking

In an emergency situation, the parking brake can be activated when the vehicle is moving by pulling and holding the lever on the parking brake switch. Braking is deactivated when the lever is released, or the accelerator pedal depressed.


 **NOTE:** An audible warning sounds when the electronic parking brake is activated at high vehicle speed.

 **CAUTION:** Do not use the electric parking brake for normal braking. Using the electric parking brake repeatedly to slow down the vehicle may cause serious damage to the braking system.



### Parking Brake Activation

- Depress the footbrake pedal and ensure the gear shift lever for manual transmission vehicles is put into neutral, or for automatic transmission vehicles, P - Park is selected.
- Pull the lever on the parking brake switch towards you and then release.
- Release the footbrake pedal and ensure that the vehicle is stationary.

 This symbol is illuminated in the driver's display when the parking brake is activated.

A fault has occurred if the symbol flashes, read the message in the driver's display.

### Automatic Activation

The parking brake is activated automatically when:

- The vehicle is switched off and the setting for automatic activation of the parking brake is selected in the centre display, see page 141.
- When P - Park is selected on a steep hill, (automatic transmission vehicles only).





### **Parking Brake Deactivation**

With the engine running or with the vehicle in ignition mode II:

- Depress the footbrake pedal.
- Push the lever on the parking brake switch forwards and then release.

The parking brake will release and the symbol in the driver display extinguishes.

### **Automatic Deactivation**

#### **Automatic Transmission Vehicles:**

- With the engine running, depress the footbrake pedal.
- Select gear D - Drive or R - Reverse.
- Release the footbrake pedal and depress the accelerator pedal.

#### **Manual Transmission Vehicles:**

- With the engine running, depress the clutch pedal.
- Select an appropriate gear.
- Release the clutch pedal and depress the accelerator pedal as required to move the vehicle.

The parking brake will release and the symbol in the driver display extinguishes.

### **Hill Start Assist**

The Hill Start Assist System helps prevent the risk of unintended vehicle movement when driving away from an incline.

When stopped on an incline, the Hill Start Assist System will hold the brakes on for a further two seconds after releasing the footbrake.

The brakes will automatically release after two seconds or as soon as the vehicle begins to accelerate forward (whichever is the soonest).

## STARTING AND DRIVING

### Drive Modes

Different drive modes are available to alter the vehicle's powertrain, exhaust and stability characteristics.



**NOTE:** ABS (Anti-Lock Braking) and HBA (Hydraulic Brake Assist) are retained in any mode selected, see page 212 for further details.



**CAUTION:** Refer to the 'Running-In' section on page 224 before using 'Sport' and 'Track' modes.

### Tour Mode

(Default setting, normal road use)

- Exhaust sound, engine speed range, driveability, ESC and performance are optimised for refined driving.
- For automatic vehicles, gear shift points are optimised to offer the optimum fuel economy.
- 'Tour' layout of information within driver's display screen shown, see page 70.

### Sport Mode

(Only for suitable road conditions)

- Engine idle speed from start-up will momentarily flare up (increase) and then return to normal if option is selected prior to engine starting.
- A reduction in ESC settings allow for increased power-induced wheel slippage thresholds and no throttle reduction on understeer.
- Exhaust sound increased, becoming progressively louder based on engine speed and throttle pedal position.
- Throttle pedal response and maximum continuous engine speed are increased.
- For automatic transmission vehicles, lower gears may be automatically selected for improved engine response.
- 'Sport' layout of information within driver's display screen shown, see page 70.

### Track Mode (If Equipped)

(For dry condition track use only)

- Engine idle speed from start-up characteristics carried over from 'Sport' mode.
- Optimised traction and corner exit characteristics with reduced ESC intervention.
- For manual transmission vehicles, engine idle speed raised when engine reaches operating temperature.
- Throttle pedal response and maximum continuous engine speed characteristics carried over from 'Sport' mode setting.
- For automatic transmission vehicles, gear shift points are optimised for performance.



ESC track status indicator symbol is illuminated in the driver's display.



The ESC status indicator symbol is illuminated in the driver's display.



**NOTE:** With track mode selected, the speed limiter will automatically cancel if currently active, needing reactivation if required. Other driver support functions may also deactivate and dependent on the option, may not be available to reactivate whilst 'Track' mode is active.



**NOTE:** Track mode can only be activated when vehicle speed is below 9 km/h (5 mph), see page 221.

### ESC 'Off'

(Track use only)

This can be selected in any drive mode. When selected ESC functions are deactivated.



The ESC status indicator symbol is illuminated in the driver's display.



**WARNING:** Lotus recommends that ESC should always be active when driving on public roads in normal conditions.



**NOTE:** The position of information and layout displayed on the driver display will change dependent on the drive mode selected, see page 70.

## STARTING AND DRIVING

### Default Drive Mode Setting

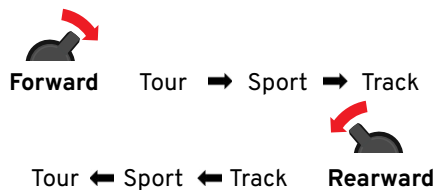
The drive mode can be set with the vehicle in ignition mode II (active), or with the engine running, but will automatically default to tour mode when the engine is switched off.



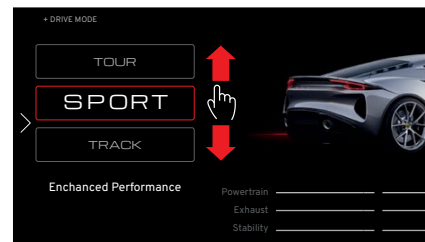
### Changing Drive Mode

Move the drive mode switch in the centre console backwards or forwards to change the current drive mode selected.

### Switch Movement

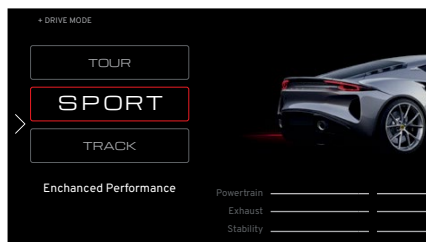


Move the switch once to show the active drive mode in the pop-up screen within the centre display.

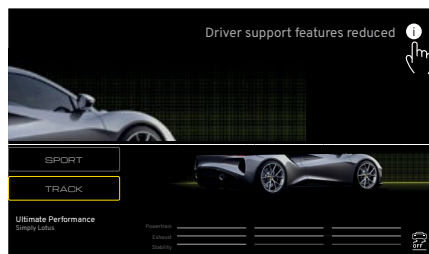


Either move the drive mode switch backwards or forwards again, as required to change to a new mode setting, or press the mode button on the centre display.

**NOTE:** Selecting sport or track mode from tour mode whilst driving may cause the exhaust sound to increase without additional throttle pedal depression as well as a reduction in the ESC functionality.



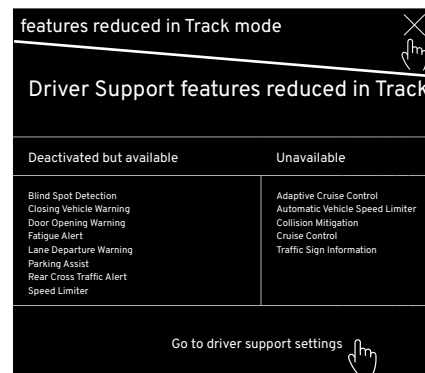
A description of the driving characteristics for the mode selected is shown as well as the level of powertrain, exhaust sound and electronic stability control intervention available, which are represented as illuminated bars at the bottom of the display.



### Track Mode Selected

When selected\*, tapping the button on the top right-hand side of the display screen will show a message with information on the driver support features that are either not available or automatically deactivated whilst in track mode.

\*If equipped.



Tap the close button on the top right-hand of the display to return to the previous screen.

Tap 'Go to driver support settings' to display the driver support button within the car settings menu and activate any options as required that were automatically deactivated.

## STARTING AND DRIVING



### ESC 'Off' Selected



Press and hold the ESC 'Off' button for 2 seconds to activate.



All stability level bars will extinguish indicating that ESC is not available (except for ABS and HBA functions).



The ESC status indicator symbol is illuminated in the driver's display.



The green indicator light below the ESC 'Off' button in the central display is extinguished.



A short press of the ESC button will return the ESC functionality to the appropriate level for the drive mode selected and a message 'Driver Support Features Restored' is shown at the top of the display.

The green indicator light below the ESC 'Off' button in the central display is re-illuminated.



**WARNING:** If ESC 'Off' is selected whilst driving there will be an immediate reduction in the ESC functionality and a potential risk of vehicle instability. Only select this option if it is safe to do so.



**WARNING:** Lotus recommends that ESC should always be active when driving on public roads in normal conditions.

**RUNNING-IN**

## RUNNING-IN

### Running-In

It is important during the vehicle's early life or if any of the components listed have been replaced to observe the following running-in instructions.

### Engine

- For the first 1600 km (1000 miles), only use moderate throttle openings (about half of the available accelerator pedal travel) and do not run the engine continuously at engine speeds over 4,000 rpm.
- For the first 1600 km (1000 miles), use only 'Tour' drive mode. Do not use 'Sport' or 'Track' modes.
- For Emira 4-cylinder models fitted with the 8-Speed Dual Clutch Transmission, do not use Lotus Launch Control until 1600 km (1000 miles) have been exceeded.
- For automatic transmission models, avoid using kick-down.
- Occasional short bursts at wider throttle and higher engine speed will be beneficial, as will a constantly changing cruising speed and making full use of the gearbox.
- Do not allow the engine to labour,

change down and let the engine operate in its natural power band.

- After 1600 km (1000 miles) have been covered, full throttle and/or maximum engine speeds may be used\*.

\*For track use, refer to page 304.

### Brakes

Allow the brakes to bed-in by avoiding needless heavy braking for the first 160 km (100 miles). Thereafter, the first time the brakes are used aggressively, some loss of brake feel may be evident as the brake pads undergo a final conditioning phase. After the brakes have cooled, full brake performance will be restored.

### Tyres

New tyres also require a short 'running-in' period before providing optimum grip.

### Stopping the Engine

If possible, after a high speed or high load run, allow the engine to idle for a few minutes before switching off the engine. This will allow engine/fluid temperatures to return to normal. This

will benefit the long term durability of the powertrain.



**NOTE:** Failure to comply with the running-in recommendations could invalidate the terms of the vehicle warranty.

Also see 'Engine Data Recording' on page 19.



**FUEL FILLING AND FUEL**

## FUEL FILLING AND FUEL



### Fuel Filler Flap

The fuel filler flap is located on the top of the right-hand side rear wing panel, see page 23.

### Opening

It can only be opened with the vehicle unlocked and is opened by pushing and then releasing the rear of the flap.

### Closing

Gently press the flap down and then release to close.



### Fuel Filling

The Emira uses a capless fuel system, using spring-loaded flaps and seals within the neck of the fuel filler tube to prevent fuel and vapours from escaping.

### Using a Filling Station

- With the engine switched off, insert the pump nozzle fully into the neck so that both spring-loaded flaps are open.
- Ensure a suitable grade of fuel is selected, (see page 227), fill to the required quantity or until the auto-shut off mechanism is triggered.

**⚠ WARNING:** Switch off the engine before re-fuelling.

**⚠ WARNING:** Follow all operating and safety instructions displayed at the filling station when refuelling.

**⚠ WARNING:** Petrol and petrol fumes are highly explosive. You can be burned or seriously injured when handling fuel.

**⚠ WARNING:** Before re-fuelling, switch off mobile phones and other electronic equipment, ensure that all cigarettes are extinguished and that no naked flames or other potential ignition sources are present.

**!** **CAUTION:** Do not attempt to fill the tank to the top of the filler neck, as expansion of the fuel due to temperature change may cause flooding of the fuel tank breather system charcoal canister, or spillage of fuel.

For further information on the fuel level display and fuel tank capacity refer to pages 76 and 308.

### Using a Fuel Can

The corrugated flexible fuel tube fitted on most fuel cans can cause damage to the spring-loaded flaps and seals within the fuel filler tube.

It is recommended that a capless fuel filler funnel is inserted into the fuel filler tube, (which is designed to push open both spring-loaded flaps), prior to topping up the fuel tank.

Suitable capless fuel filler funnels can be purchased from most automotive parts stores.

### Fuel Requirement

USE UNLEADED PREMIUM GASOLINE meeting ASTM specifications. Use of fuels not meeting ASTM specifications could cause poor performance and increase emissions.

For optimum vehicle performance and fuel economy, using super or premium unleaded gasoline, with a minimum octane rating of 90 (RON+MON)/2 is recommended. Where super or premium fuel is not available vehicle performance may be reduced.

The use of good quality gasolines containing proper detergent additives is advised for good performance and emission control. The vehicle is fitted with catalytic converters in the exhaust system to reduce the noxious content of the exhaust gases and comply with emission control regulations.

Using gasoline with a lower octane rating may cause knocking (pinking), which, if severe, can cause serious engine damage. Light knocking may occasionally be heard for short periods when accelerating or driving up hills, and this should cause no concern,

## FUEL FILLING AND FUEL

although using a lower gear would be advised. If, however, you hear persistent heavy knocking when using the specified gasoline, consult your dealer without delay.



**CAUTION:** It is essential that ONLY UNLEADED FUEL is used. The effectiveness of the catalytic converters decreases after as little as one full tank of leaded fuel or LRP is used.

### Diesel

Lotus vehicles will not operate on diesel fuels.



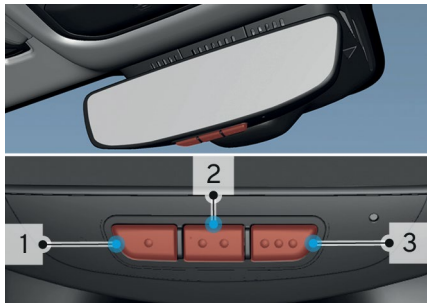
**NOTE:** Always ensure that the correct filling station fuel nozzle has been selected before re-fuelling. Costs incurred for fuel system draining and cleaning will not be covered by the vehicle warranty.

**HOMELINK®**

## HOMELINK®

### HomeLink®

The HomeLink® system can replace up to 3 remote controlled items such as a garage door, perimeter gate openers and house light switching\*.



\*If fitted and may not be available in all markets.

If supplied, HomeLink® is fitted within the interior rear view mirror with a control panel located at the base of the mirror and an indicator lamp in the mirror glass.

For information about HomeLink® visit: [homelink.com](http://homelink.com)



**NOTE:** Put the original remote controls in a safe place for future programming (e.g. when changing to another vehicle or for use in other vehicles)



**NOTE:** The programming for the buttons should be deleted if you sell your vehicle.

### Programming

Follow these instructions to start programming, reset all programming or to reprogram individual buttons.



**NOTE:** The vehicle must be in ignition mode I or above before HomeLink® can be programmed or used, see page 198.


For faster programming and improved transmission of the radio signal, first fit new batteries in the remote control that will be replaced by HomeLink®

The HomeLink® buttons should be reset before programming, see page 232.



**WARNING:** The garage door/gate being programmed may operate during programming. Make sure that no persons or animals are near the door/gate when programming. The vehicle should be outside of the garage, clear of the path of travel of the door/gate.

1. Aim the remote control towards the HomeLink® button to be programmed and hold it approximately 2-8 cm from the button. Do not obstruct the indicator lamp on the mirror.

 **NOTE:** If problems occur with the programming, try again whilst increasing the distance between the remote control and HomeLink buttons to between 15-20 cm.

2. Press and hold both the button on the remote control and the required HomeLink button.
3. Do not release the buttons until the indicator lamp has switched from flashing slowly (approximately once per second) to either flashing quickly (approximately 10 times per second) or is constantly illuminated.
  - The indicator lamp constantly illuminated indicates that the programming has finished. Press the programmed button twice to activate.
  - If the indicator lamp flashes quickly then the device to be programmed

may have a security function that requires the device's programming button on its receiver to be manually depressed.


- Test by pressing the programmed button twice to see if the programming was successful.

If you experience problems programming your remote controlled item, contact HomeLink® at [HomeLink.com](http://HomeLink.com)

## Reprogramming Individual Buttons

To reprogram an individual button:

- Press and hold the button as required for approximately 20 seconds.
- Once the indicator lamp on mirror starts to flash slowly, programming can continue as normal as shown on page 230.

 **NOTE:** If the button to be reprogrammed is not programmed with a new unit, it will resume the previously saved programming.

## HOMELINK®

### **Resetting the Buttons**

The buttons cannot be reprogrammed individually. It is only possible to reset all of the buttons at the same time.

To reset:

- Press and hold the outer buttons (1 and 3) on the mirror for approximately 10 seconds.
- When the indicator lamp changes from a constant glow and begins to flash, the buttons are reset and can be reprogrammed.



**SOS-CALL**

## SOS-CALL



### SOS-Call

Using the SOS alarm button, you can contact a Public Safety Answering Point (PSAP), for help in emergency situations such as illness, injury, or a threat, etc.



**NOTE:** This service may not be available for all vehicles or in certain markets.

### Making an SOS Call

To manually activate the SOS alarm function for emergency assistance, press and hold the SOS button for approximately 2 seconds, you will then be directed to the PSAP.

A 'Calling' notification is shown in the centre display. If the call is not yet connected it is possible to press the SOS button again within 8 seconds to cancel the call. Once in contact with PSAP, only the PSAP operator can end the call.

If the operator does not get a response from the vehicle occupants, then the appropriate assistance (such as ambulance or police) will be sent to the vehicle's location.

The SOS function has an integrated battery which will allow the system to function in the event of a main vehicle battery failure.



**NOTE:** The SOS button should only be used in an emergency situation such as an accident, illness or in the event of a threat to the occupants of the vehicle. Misuse of the SOS button could result in extra charges.

**Coverage**

Lotus E-Call is available when the ignition is turned ON. The operation of E-Call - SOS Emergency 112 Assistance relies on cellular coverage and may be affected by signal outages or low signal strength. In these circumstances it may not be possible to establish an E-Call with the Public Safety Answering Point.

In the above circumstances Lotus Cars is not liable for any consequences or losses that occur.




**Self-Test and Fault Warnings**

The Lotus E-Call system will perform a self-test when the vehicle is in ignition mode II, (see page 198).

During a Self-Test the SOS alarm button's LED status indicator will flash quickly until completion. The LED status indicator will be constantly illuminated if no system faults are present. Faults detected during the self-test or whilst the E-Call is in standby mode will be shown in the driver's display.

## SOS-CALL

### Status of the SOS-Call and Connectivity Systems

Driver's Display Message		SOS Button Light Flash Rate	Message Description	Action Required
	Contact the service centre for regular checkup of the SOS call service system	Once every two seconds for 15 seconds.	Lotus E-Call may have limited functionality.	If warning message persists, contact your Lotus Retailer*
	Limited telematics services refer to handbook	Once every two seconds for 15 seconds.	Lotus E-Call may have limited functionality.	If warning message persists, contact your Lotus Retailer*
	eCall System Failure Consult Handbook	Four times every second for 15 seconds.	Lotus E-Call system is not operating, cannot support in the event of an accident/emergency.	Contact your Lotus Retailer immediately.
eCall in Progress Consult Handbook		Twice every second.	Lotus E-Call connecting.	No action.
		Constantly illuminated.	Lotus E-Call connected.	No action.
eCall in Standby		Vehicle in ignition mode I, Constantly illuminated.	Lotus E-Call operational with no call in progress or in operator call back mode.	No action.
eCall in Call Back Mode		Vehicle ignition mode 0, Constantly illuminated.	Lotus E-Call in operator call back mode.	No action.
Auto eCall Disablement		Constantly illuminated.	Request deactivation/reactivation of automatic Lotus E-Call function.	Contact your Lotus Retailer immediately.

\*A warning message may be shown due to limited vehicle use or if stored for long periods. If the message does not extinguish after vehicle use, then please contact your Lotus Retailer.


**VEHICLE CARE**


## VEHICLE CARE

### Accessories and Modifications

Lotus Retailers can supply accessories designed and approved by Lotus, supported by the Lotus warranty. Although non-approved Lotus accessories may fit your Lotus, they may not meet Lotus specifications and could adversely affect the safety or handling and stability of the vehicle.

Modifications could make the vehicle unsafe, discuss with your Lotus Retailer before attempting any modifications or fitting accessories.

 **WARNING:** Installing non-approved Lotus accessories, or performing non-approved modifications, can affect the vehicle performance and occupant safety.

 **WARNING:** Lotus does not accept liability for death, personal injury or damage as a result of installing non-approved Lotus accessories or making non-approved modifications.

### Vehicle Storage

#### Fluids

Ensure the engine oil and filter, coolant and brake fluid have all recently been renewed.

#### Battery

Either leave the battery in the vehicle and connect a battery management (conditioner) type of charger, or remove the battery and trickle charge every two months. Note that with the battery disconnected or removed, the alarm system is de-activated.

#### Bodywork

Thoroughly clean the inside and outside of the vehicle and allow to dry thoroughly. If necessary, use a pressure washer to remove dirt and salt deposits from the underside, see page 299 for further pressure washer information.

#### Tires

Increase the tire pressures to between 3 -3.5 bar and put a reminder note on the windscreen. If possible, move the vehicle slightly every month to help avoid flat spots on the tyres.

### Brakes

Chock the road wheels and leave the parking brake off.

### Interior Trim

Unless the garage is equipped with a de-humidifier, the use of drying agents (Silica-Gel) is recommended in vehicles with leather upholstery and in conditions of high humidity.

### Air Conditioning

#### Prior To Storage

The air conditioning system should be in good working order and fully charged.

#### After Storage

##### Initial Engine Start

If the vehicle has been stored (and/or the engine not started for a period of 6 months or more), the air conditioning system should be switched on and the engine speed (revs), limited to 2,000 rpm for the first 2-minutes after engine start-up.

This will ensure that the refrigerant gas and oil fully circulate around the air conditioning system, preventing

potential damage or premature wear of the air conditioning pump.



**NOTE:** Air conditioning failures/ damage proven to be caused by insufficient refrigerant oil circulation as a result of excessive engine revving during initial engine start-up after long periods of vehicle storage/inactivity will not be covered by the New Vehicle Warranty.

### **Car Covers**


Using a non-approved Lotus car cover can prevent the battery from being adequately cooled during charging as well as damaging the paint finish. Wash and clean the vehicle and ensure it has fully dried before fitting a Lotus approved cover.

## VEHICLE CARE


### Owner Maintenance

Performing the simple maintenance checks detailed in this section (daily if covering high mileage or touring) and having your vehicle regularly serviced by your Lotus Retailer will ensure its maximum safety, reliability and longevity.

It is important that the maintenance schedule is followed at the specified time and distance intervals, (see separate booklet).


 **NOTE:** Failure to follow and comply with the maintenance schedule may invalidate the terms of the vehicle warranty.

Contact your Lotus Retailer immediately if you notice a significant or sudden drop in fluid levels or uneven tire wear.

 **WARNING:** Failure to take corrective action may damage the vehicle and lead to accidents, potentially resulting in serious injury or death.

### Track Use

This type of usage requires appropriate driver training and vehicle preparation by a qualified specialist in order to maintain a suitable level of safety above that specified in the maintenance schedule. Vigilance will also be required, including careful inspection of all safety critical components both before and after this type of vehicle usage.

 **NOTE:** Using the vehicle on track or in a competitive manner will cause a greater degree of wear and tear to components than normal road use.


### General Safety


Read and follow the precautions listed below for your protection before performing any maintenance checks:

- Vehicle repairs should only be carried out by a suitably qualified technician.
- If the vehicle has been driven recently, do not touch the cooling system components until the vehicle has cooled.
- Beware of hot surfaces in and around the engine bay, including the supercharger casing. You could be seriously burnt by touching a hot engine part.
- Keep clothing, hands, hair, other body parts, loose clothing and tools away from drive belts, pulleys, and fans. Some fans may continue to operate, or start operating, after the motor is switched off.
- The voltages produced with this ignition system can cause serious and potentially fatal injury.
- Never touch any ignition components when the engine is running or being cranked.



- Never work inside the engine compartment when an automatic transmission gear has been selected.
- Do not allow tools or metal parts of the vehicle to contact battery leads or terminals.
- Some fluids (battery acid, coolant, brake fluid, windshield washer additives, etc), used in vehicles are poisonous and should not be inhaled, swallowed, or brought into contact with open wounds. For your safety, always read and follow instructions printed on fluid containers.

 **WARNING:** Failure to follow these precautions can result in serious injury or death.

 **CAUTION:** Failure to follow these precautions can result in damage to the vehicle and or property.

### Service Reminder



#### Book time for maintenance

Based on the mileage and time period since the vehicle's last service, this symbol and message is shown in the driver's display every time the engine is started.



This is a reminder that next service will soon be required. The message displayed changes as the vehicle approaches the due service date interval.


Contact your Lotus Retailer to arrange the required service when this message first appears.

### Removing the Message

The message can be removed from the screen by pressing the confirm button on the right-hand steering wheel keypad, see page 76.

### Resetting the Service Reminder

- Set the vehicle in ignition mode I (Convenience), see page.
- Press and hold the reset button located on the end of light switch, see page 161.
- With the reset button still pressed, start the engine, see page 199.
- After 10 seconds with the reset button still pressed, the  symbol will flash.
- Release the reset button within 4 seconds of the  symbol beginning to flash.

 **CAUTION:** This reminder should not be reset unless the vehicle has been serviced in accordance with the recommended Lotus maintenance schedule.

## VEHICLE CARE

### Daily Checks

Check the operation of the:

- Exterior lights.
- Horn.
- Turn signals.
- Windscreen wipers.
- Windscreen washers.
- Seat belts.
- Braking system including parking brake.
- Park Assistance Systems

Also check:

- Warning lamps or alert messages on the instrument panel.
- Fluid deposits underneath the vehicle that may indicate a leak, (water drips from condensation on the air conditioning system are normal).
- The exterior of the vehicle and immediately remove any corrosive substances to prevent damage to the paint (see page 298).

### Regular Checks

It is recommended to regularly check, and where necessary top up or adjust the following items:

- Engine oil
- Coolant level.
- Brake fluid level.
- Windscreen washer fluid level.

Also check:

- Tire pressures and condition.
- Operation of the air conditioning.
- Wiper blades.
- Park Assistance System sensors and camera for dirt, snow or ice.

### Wintery or Muddy Conditions

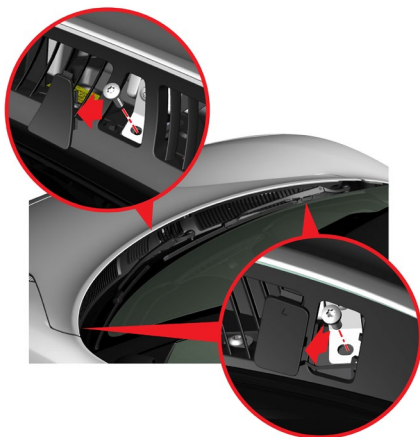
Check wheel rims, visible braking components, wheelarch liners and air vents are clear with no excessive build-up of mud and or snow.



**CAUTION:** Excessive build up or mud and or snow in these areas could result in reduced vehicle functionality.

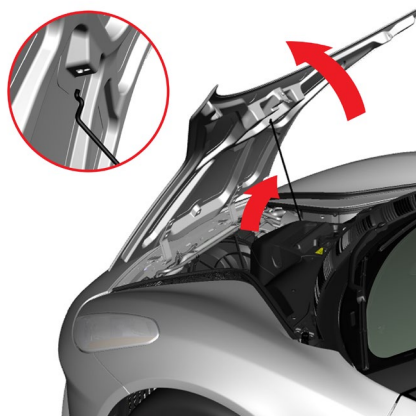


**NOTE:** Check these items more frequently if the vehicle is subject to high mileage driving or severe operating conditions.



### Front Access Panel Unlocking/Opening

- From the windscreen lower trim panel, prise off the 3 cover panels covering the front access panel securing screws.
- Using the torx driver supplied within the vehicle tool kit, unscrew and remove the 3 securing screws.
- Retain the screws in a safe place for refitment.



- Lift the rear of the access panel fully upwards, (do not overextend the panel travel).
- Pull the access panel supporting stay out of the holder located at the front of the heater box housing panel.
- Fit the end of the stay into the slotted plate located on the underside of the access panel.

### Closing/Locking

- Lift the access panel slightly and remove the end of the support stay from the slotted plate.
- Refit the stay into the holder.
- Keeping fingers clear of entrapment and ensuring that there are no obstructions, lower the access panel and align the holes within retaining brackets with the body panel screw threads.
- Refit all 3 securing screws by hand until they are hand tight.
- Using the torx driver supplied with the vehicle tool kit, tighten all 3 screws to 10Nm.
- Refit the plastic covers into place in the windscreen lower panel.

**⚠ WARNING:** To prevent the risk of the front access panel moving or becoming unstable, never drive the vehicle unless all three front access panel securing screws are fitted and tightened correctly as described in this procedure.

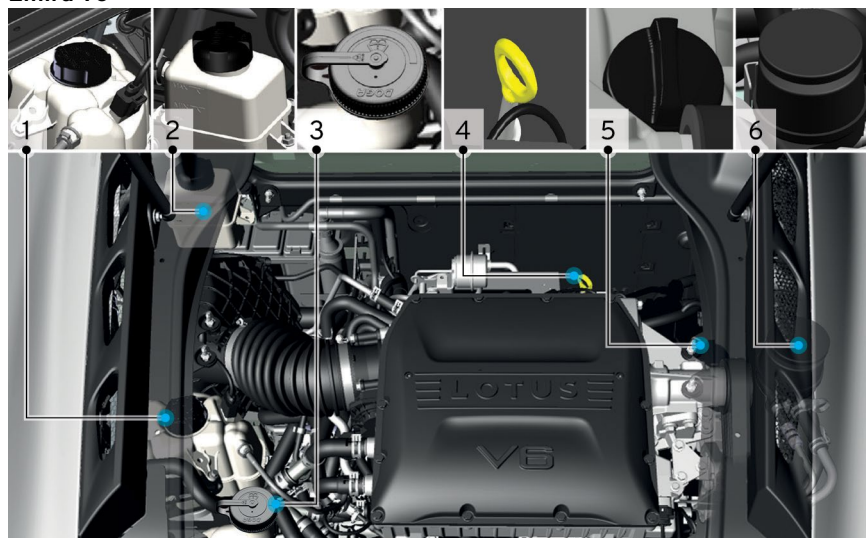
## VEHICLE CARE

**! CAUTION:** Failure to follow this procedure may result in damage to your vehicle.

The front access panel is only intended to provide access for vehicle servicing, it is not intended for storage usage.

**! CAUTION:** Attempting to store items, however small within the front service compartment may potentially cause damage to components within the service compartment as well as the body panels. Damage caused by this will not be covered by the vehicle warranty.

### Engine Compartment Emira V6

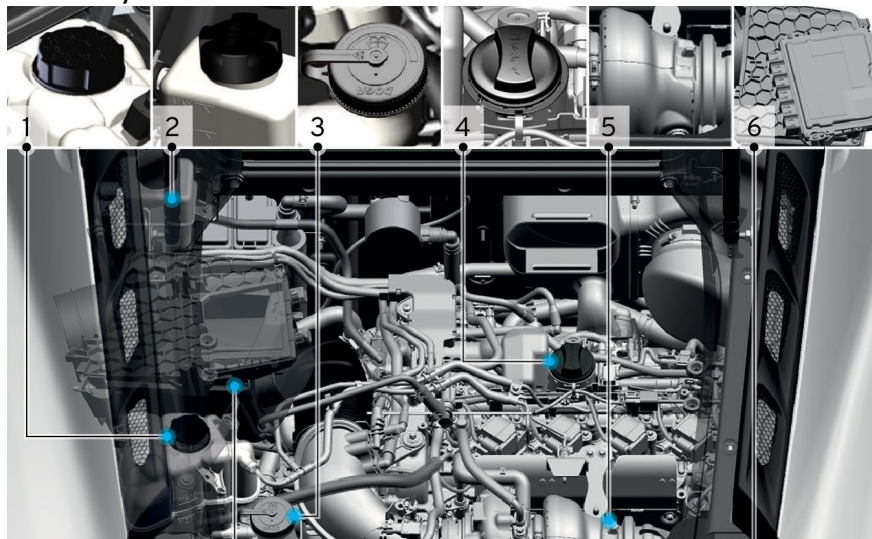


#### Overview

Engine compartment covers removed for clarity.

- |   |                                   |
|---|-----------------------------------|
| 1 Engine coolant expansion tank.        | 4 Engine oil dipstick.            |
| 2 Charge cooler coolant expansion tank. | 5 Engine oil filler cap.          |
| 3 Washer fluid reservoir.               | 6 Power steering fluid reservoir. |

## Engine Compartment Emira 4-Cylinder



### Overview

Engine compartment covers removed for clarity.

- |   |                                       |
|---|---------------------------------------|
| 1 Engine coolant expansion tank.        | 4 Engine oil filler cap.              |
| 2 Charge cooler coolant expansion tank. | 5 Turbo charger.                      |
| 3 Washer fluid reservoir.               | 6 Air filter and engine control unit. |


**⚠ CAUTION:** Never use a jet washer to clean the engine bay area or direct the jet nozzle or hoses directly into any air vents as this can result in damage to sensitive engine components and potential engine failure, which will not be covered under the terms of the vehicle warranty.

## VEHICLE CARE

### Engine Compartment Panels

For both Emira 4-cylinder and Emira V6 models, engine cover panel removal is not necessary when checking the engine oil and windscreen washer fluid levels, see pages 250 and 248.

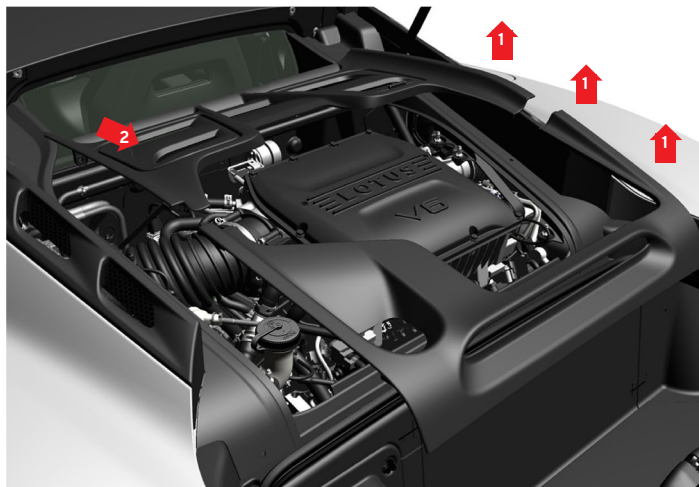
Always turn off the engine before attempting to remove the engine bay panels, never attempt to remove the engine bay panels whilst the engine is running.


 **WARNING:** Failure to follow this instruction can result in serious injury or death.

### Engine Panel Removal - Emira V6

Lift the tailgate, see page 57.

1. Using light hand pressure, lift up the inner sides of the front panel to release the underside fixings from the bodysides.
2. Remove the front panel by pulling it rearwards to release the forward fixings from the bulkhead panel.




 **NOTE:** To prevent accidental damage to the panels, place them in a safe area with the fixings facing downwards.

Refit the panels in the reverse order of removal.

Before closing the tailgate, check that all of the engine compartment panels have been fitted correctly and are secure.

Also ensure that there are no obstructions that would prevent the tailgate from closing properly and that no items, such as gloves, tools or rags etc, have been left in the engine bay.

 **WARNING:** Failure to follow these instructions may cause a fire and personal injury.

### Engine Panel Removal - Emira 4-Cylinder

Lift the tailgate, see page 57.

1. Using light hand pressure, lift up the rear of the panel.
2. The fixings on the underside of the panel will release from the bodysides.
3. Remove the panel by pulling it rearwards to release the forward fixings from the bulkhead panel.

**NOTE:** To prevent accidental damage to the panels, place them in a safe area with the fixings facing downwards.

Refit the panel in the reverse order of removal.

The fixings on the underside of the panel should be felt to positively engage the locating points on the bodysides when fitted correctly.



Before closing the tailgate, check that all of the engine compartment panels have been fitted correctly and are secure.

**WARNING:** Failure to follow these instructions may cause a fire and personal injury.

Also ensure that there are no obstructions that would prevent the tailgate from closing properly and that no items, such as gloves, tools or rags etc, have been left in the engine bay.

## VEHICLE CARE

### Engine Oil Level Check

The engine oil level should be checked regularly, e.g., every 1600 km (1000 miles), or sooner if the vehicle has been driven under severe conditions, see page 304.

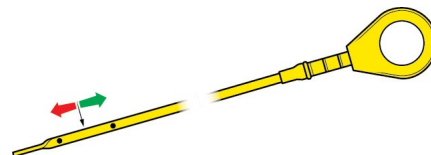
Before checking the engine oil level, ensure the vehicle is parked on a level surface and for V6 models, wait for at least 15 minutes after the engine is switched off if the engine is still warm.



### Engine Oil Level Check - Emira V6

- Lift the tailgate, see page 57.
- Release the fixing clip on the dipstick access panel located on the right-hand side of the front engine compartment panel.
- Lift up the panel and remove from the engine bay.
- The dipstick handle is yellow. If access to the dipstick is required when the engine is hot, be aware of hot surfaces in the engine bay and wear appropriate protective clothing to prevent burn injuries.
- Withdraw the dipstick and wipe with a paper towel.
- Replace the dipstick into the dipstick tube.

- Withdraw the dipstick again to inspect the oil level.



The level should be between the two dots on the lower end of the dipstick.

For optimum engine protection, maintain the level towards the top mark, and do not allow to fall below the mid-point.

For any driving styles more demanding than normal road use, such as track use etc, which will subject the vehicle to higher dynamic loads, first ensure the oil level is at the maximum fill mark (the upper dot on the dipstick).

The difference between the high and low dipstick marks is equivalent to approximately 1.5 litres of oil.





### Engine Oil Level Check - Emira 4-Cylinder

The 4-cylinder Emira is not fitted with an external dipstick.

To check the oil level:

- Get the engine up to normal running temperature.
- Park on a flat level surface.
- Let the engine idle for 30 seconds.
- Select the vehicle health widget in the driver display, see page 94.

A  symbol with the oil level status is displayed. Also shown are messages stating the engine oil capacity and if any action is required.

 **NOTE:** Determining the oil level can take up to 30 minutes after driving the vehicle in a normal driving style and even longer after driving in an active driving style.

#### LEVEL STATUS



ERROR



HIGH



OK



OK



**LOW**



**LOW**

#### MESSAGES

No measurement result.

Waiting for measurement.


Level over 6.5 litres.  
Drain 0.5 litres and recheck.

Level between 6.0 - 6.5 litres.  
Oil level good.

Level between 6.0 - 5.0 litres  
Amount below MAX displayed.

Level between 5.0 - 4.5 litres.  
Add 1 litre and recheck.


Level less than 4.5 litres.  
Add at least 1 litre before starting engine.


 **CAUTION:** To protect the engine under track use conditions, the engine oil level status must be 'OK' with an oil capacity reading of at least 6 litres and a message stating 'Oil Level Good'.


## VEHICLE CARE


### Engine Oil Topping Up Emira V6 and Emira 4-Cylinder

- Remove the front engine compartment panel, see page 246 or 247.
- Unscrew the oil filler cap counter-clockwise, see item 5 on page 244 or item 4 on page 245, then add a suitable quantity of the recommended engine oil (see 'Recommended Lubricants' section), taking care not to spill any oil onto the engine or electrical components; use a funnel if necessary and clean up any spillage.
- Emira V6 only: Allow several minutes for the oil to drain through to the sump. Refit the filler cap, turning clockwise until secure. Then follow the Emira V6 oil level check procedure.
- Emira 4-cylinder only: Refit the filler cap, start the engine and allow to run for a short period, then follow the Emira oil level check procedure.

 **WARNING:** Engine oil is hazardous to your health and may be fatal if swallowed.

 **WARNING:** Prolonged and repeated contact with used engine oil may cause serious skin disorders, including dermatitis and cancer.

 **WARNING:** Use protective gloves to avoid contact with skin as far as possible and wash skin thoroughly after any contact.

 **WARNING:** Keep engine oil out of the reach of children.



### Windscreen Washer Reservoir

The black coloured reservoir filler cap for the windscreen washer reservoir is located to the left-hand side of the engine compartment.

### Topping Up

1. Lift the tailgate, see page 57.
2. Unscrew the filler cap counter-clockwise to open.
3. Fill the reservoir with clean water and a good quality windscreen washer fluid (see 'Technical Data' section), until the fluid level is visible just below the filler neck.
4. Wipe up any spills immediately and wash the affected area with water.
5. Screw the filler cap clockwise onto the reservoir until secure.

**WARNING:** Windscreen washer fluid can cause skin and eye irritation. Read and follow any instructions or warnings provided by the windscreen washer fluid manufacturer.

**WARNING:** A good quality product should be used and mixed as per the manufacturers recommendations as an insufficient concentration may result in fluid freezing inside the pump, reservoir and hoses.



### Wiper Blade Renewal

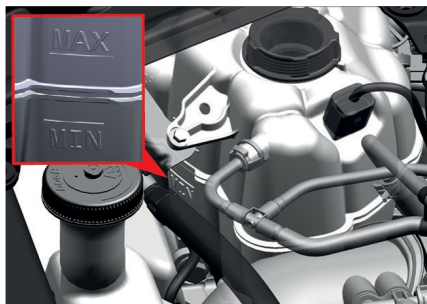
1. Fold the wiper arms outwards.
2. Press the button on the wiper blade mounting.
3. Pull the wiper blade out of the wiper arm.
4. Slide in the new wiper blade until a “click” is heard.
5. Check that the blade is firmly installed.
6. Fold the wiper arm back onto the windscreen.

**WARNING:** Only change a wiper blade when the vehicle’s ignition is inactive (0) or in convenience mode (1) and the vehicle is stationary, see page 198 for further information.

**CAUTION:** Do not fold back the wiper arms if a wiper blade is not fitted. This may damage the windscreen.

**NOTE:** The driver and passenger side wiper blades are different sizes.

## VEHICLE CARE



### Engine Coolant

To check the engine coolant level, the engine compartment panels must first be removed, see page 246 or 247.

The engine cooling system expansion tank is positioned on the left-hand side of the engine bay, identified by its black filler cap.

Under normal circumstances it should not be necessary to add any coolant to the system.

Check when the engine is fully COLD and only when the vehicle is on a completely level surface, without disturbing the pressure cap, check the level of coolant in the expansion tank is above the 'MIN' mark.

### Topping up

Ensure that the coolant is fully cold before slowly unscrewing the filler cap counter-clockwise, allowing any remaining pressure to escape before finally removing the cap.

**⚠ WARNING:** Do NOT attempt to remove the pressure cap from the expansion tank when the engine is warm as serious scalding could result from boiling water and/or steam.

**⚠ WARNING:** Coolant is hazardous to your health and to animals and may be fatal if swallowed.

**⚠ WARNING:** Keep coolant out of reach of children.

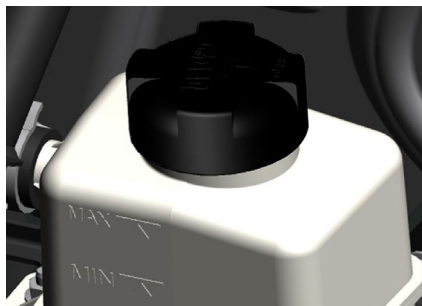
**⚠ WARNING:** Clean up spilled coolant and do not leave in open containers.

Top up the expansion tank to the 'MIN' mark, refit the cap and turn clockwise until the tab on the cap engages a detent and an audible click can be heard.

**📘 NOTE:** To maintain protection from freezing damage and metal corrosion, use only an approved coolant mixture (see 'Recommended Lubricants' section for specification).

**⚠ CAUTION:** No other type of coolant should be mixed with the coolant type specified in the recommended lubricants section of this handbook, or degradation of the cooling system may result.

**! CAUTION:** Using an incorrect coolant mixture may result in expensive damage to the engine and/or other components caused by overheating, freezing or corrosive effects. Such damage is not covered by the Vehicle Warranty.



#### **Charge Cooler Expansion Tank**

The charge cooler system coolant circuit has a coolant reservoir mounted on the forward left hand-side of the engine bay, see item 2 on page 244 or page 245.

Under normal circumstances It should not be necessary to add any coolant. It is recommended that this operation is only carried out by your authorised Lotus Retailer as part of the recommended service schedule.



#### **Steering Fluid Reservoir Emira V6**

The power assisted steering fluid reservoir is located at the right-hand corner of the engine bay, see item 6 on page 244. Under normal circumstances it should not be necessary to add any fluid.

Inspection of the fluid level requires the removal of the right hand rear wheelarch liner, it is recommended that this operation is only carried out by your authorised Lotus Retailer as part of the scheduled service.

## VEHICLE CARE



### Steering Fluid Reservoir Emira 4-Cylinder

The power assisted fluid reservoir is located in the front access area, see page 243.

Under normal circumstances it should not be necessary to add any fluid.

Inspection of the fluid level requires the removal of the air inlet panel, it is recommended that this operation is only carried out by your authorised Lotus Retailer as part of the recommended service schedule.



### Brake/Clutch Fluid Level Check

(!) If the brake fluid level becomes low a warning symbol and message will be displayed in the driver's display screen.

If the symbol illuminates whilst driving, stop the vehicle immediately as a dangerously low level of brake fluid in the master cylinder reservoir has been detected. The vehicle should not be driven until the fault has been identified and rectified.

Your Lotus Retailer will check the brake fluid level as well as change the brake fluid at the regularly scheduled maintenance intervals.

To check the fluid level yourself, ensure

the vehicle is parked on level ground.

1. Open the front access panel, see page 243.
2. Remove the 5 quarter turn fixings securing the brake fluid reservoir panel (located on the driver's side of the vehicle) and remove the panel.
3. Without removing the reservoir cap, check that the fluid level is in between the 'MAX' and 'MIN' marks on the reservoir body.



**NOTE:** The brake fluid level will drop gradually from the 'MAX' mark as the brake pads wear, but if the level drops below the 'MIN' mark, then contact your Lotus Retailer to investigate without delay.



**WARNING:** If you notice increased movement of the brake pedal or a significant loss of brake fluid, then contact your Lotus Retailer immediately. Driving under these conditions could result in increased stopping distances or complete brake failure.

**Topping Up**

These instructions are provided for reference only and under normal circumstances, there is no requirement for routine 'topping up'.

1. Clean around it to prevent dirt ingress into the reservoir.
2. Unscrew the reservoir cap counter-clockwise.
3. Top up the reservoir brake fluid level to the 'MAX' mark using a suitable brake fluid, see page 306, do not overfill.
4. Screw the reservoir cap clockwise onto the reservoir until secure.



**WARNING:** Use only new brake fluid from a sealed container. Do not use any fluid which has been exposed to the atmosphere for more than a brief period, or any fluid suspected of being wet, dirty or contaminated. Do not overfill. Replace the cap securely.



**WARNING:** Brake fluid is hazardous to health and may be fatal if swallowed. Keep out of children's reach. In the event of consumption, seek medical attention immediately.




**CAUTION:** Spilled brake fluid can seriously damage the vehicle paintwork and some plastic components. Take suitable precautions to protect the paintwork from contamination and in case of spillage, do not wipe, but thoroughly rinse the affected area with water immediately.

## VEHICLE CARE

### Tires


The wheel and tire sizes on the vehicle are different front and rear, interchanging of wheels and tires between axles is not permissible.

 **WARNING:** Failure to adhere to this requirement will adversely affect the handling of the car and may result in an accident.

### Tire Inspection

The tires should be regularly inspected for signs of cuts, abrasions, bulges, other damage and for any uneven tread wear patterns. Uneven tread wear may indicate that the suspension geometry or dampers require attention from your Lotus Retailer.

When assessing tire condition and serviceability, replace tyres if any doubt exists, or if the legal tread depth limits are approached.

 **WARNING:** Damaged, poorly maintained or improperly used tires are dangerous and may cause an accident.

### Wear Indicators

Wear indicators are moulded into the bottom of the tread grooves at intervals around the tire, indicated by small pointers on the outer tread blocks. The tires should be replaced before wearing down to this minimum legal tread depth.

Worn tires with a low tread depth are more likely to hydroplane in wet conditions and should not be used.



### **Recommended Tire Pressures**

The cold tire pressures should be checked every week, or every 1600 km (1000 miles), whichever is the sooner and adjustments made as necessary.

A decal on the driver's side door (see page 260) displays the recommended pressures for factory fitted tires. The 'Technical Data' section at the back of this handbook also lists the recommended tire pressures.

### **Cold Tires**

Check/adjust tire pressures only when the tires are cold (i.e. the vehicle has been stationary for a minimum of 3 hours or has been driven less than 1 mile), as the pressures may increase when the tires are warmed to normal running temperature.

### **Tire Pressures For Track Use**

For track use, tire pressures should be checked and adjusted only once the tires are warm which can be achieved by performing approximately 3 moderate speed laps of the track circuit.

After rest intervals the pressures should be checked and adjusted to the correct inflation pressures, then warmed up again as described above prior to resetting them for track use. Once track use is completed, the tires should be given sufficient time to cool down before they are checked and adjusted to the correct inflation pressures for road use. Refer to the 'Technical Data' section for further tire pressure information.

Due to the severity of tire operating conditions, extra vigilance is required for vehicles used on a race track or in a competitive manner. Careful inspections must be carried out before and after each session.

## VEHICLE CARE



**NOTE:** Lotus does not endorse such use of the Emira - refer to the Warranty Booklet section 2 'Intended Purpose'.

### Michelin Pilot Sport Cup 2 Tyres

**IMPORTANT:** If fitted, the Michelin Pilot Sport Cup 2 tire provides outstanding grip and traction when used in dry conditions above 7°C (44°F). The lower tread profile does present a greater risk of aquaplaning on wet roads and grip can be reduced when driven in cold weather. Drivers should exercise caution and drive in a style according to the road conditions.

### Adjusting Tire Pressures





**NOTE:** To avoid incorrect tire pressures, the pressures should be checked on cold tires as previously described in this section.


1. Remove the dust cap from the valve on one tire and then press the tire pressure gauge firmly down onto the valve.
2. Inflate or deflate the tire to the correct pressure, see the decal on the driver's side door pillar showing the recommended pressure for factory fitted tires.
3. Refit the dust cap.
4. Check the tire for any cuts, embedded objects (such as nails that could cause a puncture or leakage), abrasions, bulges, other damage and for any uneven tread wear patterns.
5. Repeat this procedure for all tires.
6. Refer to page 271, 'Calibrating TPMS sensor'.



**WARNING:** Over-inflated tires are more likely to be cut, punctured or broken by a sudden impact.

 **WARNING:** Improperly inflated or worn tires are more likely to aquaplane in wet conditions.


 **WARNING:** Over or under-inflated tires can overheat, resulting in a blowout which may cause a serious accident.


 **NOTE:** Always replace the tire valve dust cap to prevent the ingress of dirt and moisture into the valve, which could cause leakage.

**NOTE:** Only plastic dust caps should be fitted. Fitting a metal cap may cause corrosion making it difficult to unscrew or even cause valve damage.

### Tire Replacement

When replacing tires, always use the size and type of tyres recommended in the 'Technical Data' section of this handbook, (see page 313), or consult your Lotus Retailer to check the current Lotus specification and recommendations.

 **WARNING:** Using the incorrect tires can affect the vehicle's handling and stability.

 **NOTE:** Some tread patterns are asymmetric, such that the tires must be fitted to the wheels the correct way round. Refer to the 'side facing inwards' or 'side facing outwards' marking on the tire sidewall. In addition, some tread patterns are directional, in which case a direction of normal rotation arrow will be included in the tire sidewall markings.

### Winter Tires

If the car is to be used in winter or in cold conditions, or driven on snow covered roads, it is recommended to fit a car set of winter tires developed specifically for such conditions. Lotus approves the use of winter tires in sizes as specified in the 'Technical Data' section, (see page 313).

## VEHICLE CARE

### Snow Chains

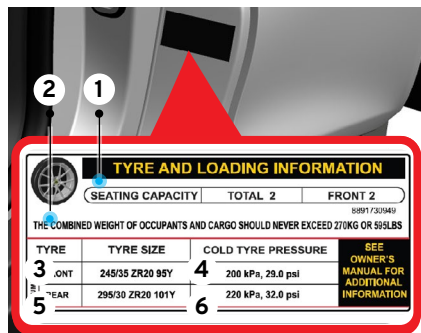
Snow chains should only be fitted on the rear wheels in conjunction with winter tires. Follow the fitting and tensioning instructions supplied with the chains. The chains should be removed as soon as road conditions allow. See page 313.



**NOTE:** Vehicle handling can be adversely affected when driving with snow chains.



**NOTE:** Using snow chains may be prohibited in certain markets. Always check local regulations/laws before fitting snow chains.



### Tire Placard Label

Located on the driver door inner panel, visible with the door open and lists the following information:

- 1 Seating capacity: Maximum number of vehicle occupants (including the driver).
- 2 Vehicle load limit: Maximum total combined weight limit of occupants and luggage, also refer to 'Vehicle Loading Weight' information' on page 263.
- 3 Front axle tire size: Refer to 'Technical Data' section for further information.
- 4 Front axle tire pressure: Refer to 'Technical Data' section for further information.
- 5 Rear axle tire size: Refer to 'Technical Data' section for further information.
- 6 Rear axle tire pressure: Refer to 'Technical Data' section for further information.



Tire Sidewall Markings

### A Tire Size

#### Example

295/ 30 ZR 20 101Y EXTRA LOAD  
1 2 3/4 5 6/7 8

1. Tire width displayed in mm.
2. Tire sidewall with height displayed as a percentage of the tire width (also referred to as the aspect ratio).
3. Letter designation for tires rated for speeds over 149 mph (240km/h).
4. Letter designation for tire belt type (Radial).
5. Diameter or tire rim displayed in inches.
6. Number designation of load rating of tire.
7. Letter designation of speed rating of tire (Y = speeds up to 186 mph or 300 km/h).
8. This tire is designed for loads and inflation pressures greater than the standard version tire.



**WARNING:** Never exceed the maximum speed rating as shown on the tire sidewall.

### B TIN (Tire Identification Number)

#### Example

DOT XXXX XXXX XXXX  
1 2 3 3 5 6

1. Indicates that the tire complies with the US Department of Transport safety standards.
  2. One letter and one digit identifying tire manufacturer and plant code.
  3. Two letter designation for tire size.
  4. Four letter designation for additional information about the tire (brand, characteristics etc).
  5. Two digits displaying the week of the year of tire manufacture.
  6. Two digits displaying the year of tire manufacture.
- C** Tube or tubeless type tire: Indicates if an inner tube is required to inflate the tire.
- D** Tire structure: Indicates that the tire has a radial structure.
- E** Maximum load rating: Displays maximum load that can be supported by the tire.

## VEHICLE CARE

- F** Maximum pressure rating: Displays maximum permissible cold inflation pressure that the tire can be inflated to.
- G** Tire composition and material: Displays the number of plies in the tire tread and sidewall and the materials used.
- H** Uniform Tire Quality Grading; This is described in the following information.

### Uniform Tire Quality Grading

The following information relates to the system developed by the United States National Highway Traffic Safety Administration, which grades tires by treadwear, traction and temperature performance. The grades are moulded on the sidewalls of most passenger car tires between the tread shoulder and maximum section width. For example:

Treadwear 180 Traction AA  
Temperature A

### Treadwear

The treadwear grade is a comparative rating based on the wear rate of the tire when tested under controlled conditions on a specified government test course. For example, a tire graded 150 would wear one and one-half (1 1/2) times as well on the government course as a tire graded 100. The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices and differences in road characteristics and climate.

**Traction**

The traction grades, from highest to lowest, are AA, A, B, and C. Those grades represent the tire's ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance. The traction grade assigned to this tire is based on straight-ahead braking traction tests, and does not include acceleration, cornering, hydroplaning, or peak traction characteristics.

**Temperature**

The temperature grades are A (the highest), B, and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel. Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The grade C corresponds to a level of performance which all passenger car tires must meet under the Federal Motor Safety Standard No. 109. Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law.



**WARNING:** The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, underinflation, or excessive loading, either separately or in combination, can cause heat build-up and possible tire failure.

**Vehicle Load Weights**

The combined weight of occupants and cargo should never exceed the weight displayed on your vehicle's tire placard label of, see page 260 for further information.



**WARNING:** Never exceed the number of occupants shown on the tire placard label of your Emira. Do not exceed the maximum total weight, or maximum front or rear axle weights (see following information as well as the 'Technical Data' section). Exceeding these limits may cause unstable handling or car or tire damage which could cause a crash in which you or others could be seriously injured or killed.

## VEHICLE CARE

### Weight Loading Combinations

- Maximum weight of goods which may be carried in the cabin rear shelf luggage net: 20 kg (44 lb).
- Maximum load in the trunk: 50 kg (110 lb).

### Determining Correct Load Limit

1. Locate the statement "The combined weight of occupants and cargo should never exceed XXX lbs or XXX kg." on your vehicle's placard.
2. Determine the combined weight of the driver and passengers that will be riding in your vehicle.
3. Subtract the combined weight of the driver and passengers from XXX lbs or XXX kg.
4. The resulting figure equals the available amount of cargo and luggage load capacity. For example, if the "XXX" amount equals (270 kg) and there will be 2 front occupancy - 103 kg in your vehicle, the amount of available cargo and luggage load capacity is 64 kg ( $270 - 206 (2 \times 103 = 64 \text{ kg})$ ).
5. Determine the combined weight of luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in Step 4.

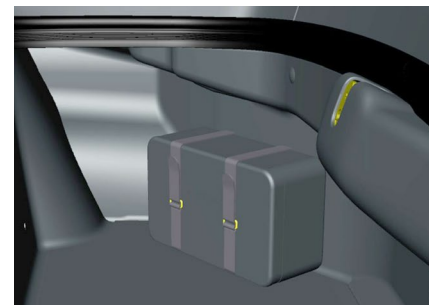
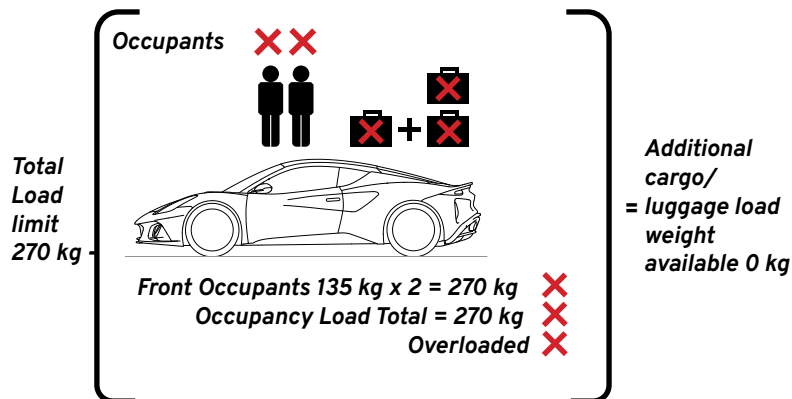
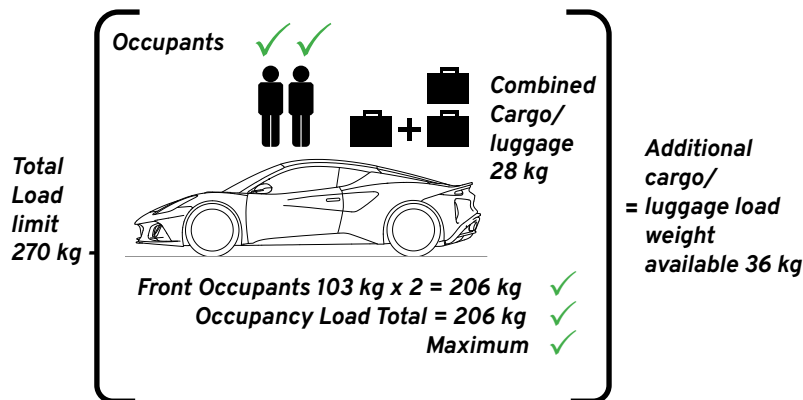


**WARNING:** The maximum weight of goods which may be carried in the cabin rear shelf luggage net is 20 kg (44 lb). Exceeding this weight will endanger front seat passengers in a crash.

The maximum load in the trunk is 50 kg (110 lb). Exceeding these limits can overload the tires and affect the handling of the car and result in a crash in which you or others could be killed or seriously injured.

The following illustrations display examples of determining the available cargo allowance based on calculating the combined weight of occupants.





## Tire Inflator Kit

The kit contains an electrical pump and tire sealant bottle which is secured with straps to the right-hand side of the rear luggage compartment. Minor damage to the tread of the tire can be repaired using the tire repair kit.

**NOTE:** Do not remove foreign bodies from the tire.

**NOTE:** Extensive damage to the tread or any damage to the tire sidewall or wheel cannot be repaired using the repair kit.

**CAUTION:** If possible, avoid driving on a deflated tire to avoid irreparable damage to the tire.

## VEHICLE CARE

**NOTE:** Use of the aerosol is not a permanent repair but will allow the car to be driven to the nearest tire depot. At the earliest opportunity, the tire should be repaired or replaced. Until then the car should be driven only in a moderate manner, not exceeding 80 km/h (50 mph) as steering and handling may be affected.


### Using Tire Inflator Kit

1. Park on a level, stable surface away from moving traffic.
2. Switch on the hazard warning lights and if necessary, set up a warning triangle at a sufficient distance to the rear. Comply with any local legislation required.
3. All occupants must get out of the car and must move to a safe place away from any oncoming traffic.
4. Apply the vehicle handbrake and engage first or reverse gear or P - Park.
5. Remove the tire inflator kit box from the luggage compartment.
6. Remove the compressor and sealant bottle from the kit box.




7. Remove the electrical connector/cable from the compressor storage compartment and the transparent airline hose from the tire sealant bottle.
8. Wear the protective gloves provided in the kit.




9. Press the tire sealant bottle firmly into the port in the compressor.
10. Ensure the  on-off button on the compressor is set to off.



11. Position the compressor near the tire, ensuring the sealant bottle is upright.
12. Remove the valve cap from punctured tire.
13. Screw the transparent airline hose to the tire valve.
14. Connect the compressor connector to the 12V auxiliary power socket, see page 176.

 **NOTE:** It is recommended to run the engine to avoid discharging the battery.




15. Press the  on-off button to start the compressor.

**Correct Tire Pressure Not Achieved**  
See page 269.

#### **Correct Tire Pressure Achieved**

If the tire has reached the correct pressure:

16. Switch off the compressor using the  on-off button, disconnect the sealant tube from the tire valve, remove the speed sticker from the side of the sealant canister and put in the vehicle cabin where it can be easily seen.




17. Disconnect the compressor connector from the 12V auxiliary power socket, press the button on the side of the compressor to detach the tire sealant bottle and refit the tire valve cap.
18. Refit the compressor and tire sealant bottle into the kit box and refit securely back into place within the luggage compartment.
19. You can continue driving, but do not exceed 80 km/h (50 mph). Do not accelerate or brake suddenly.
20. After driving for about 8 km, stop the vehicle in a safe place and engage the handbrake.

## VEHICLE CARE




21. Take out the kit and reconnect the compressors electrical connector into the 12V power socket in the vehicle, ensuring that the on-off button is set to off.
22. Remove the cap from the repaired tire valve, take out the black inflation tube from around the compressor base and firmly tighten the tube connector into the valve.
23. Check the pressure gauge for the correct tire pressure reading.

### Pressure 1.8 bar / 26 psi or Above

24. Switch on the compressor using the  on-off button and inflate the tire to the correct pressure.



25. Release excessive tire pressure by pressing the  button over the pressure indicator.




26. Disconnect the kit as described in steps 17 – 18.
27. Drive carefully and take the vehicle to a Lotus Retailer or tire specialist as soon as possible.

### Pressure Below 1.8 bar / 26 psi

THE TIRE IS TOO DAMAGED TO REPAIR. Disconnect the kit as described in steps 16 – 18 and then call for roadside assistance.

**Correct Tire Pressure Not Achieved**

- If, after 15 minutes from the compressor being switched on, the pressure gauge still shows a pressure of less than 1.8 bar / 26 psi, switch off the compressor using the  on-off button, disconnect the sealant tube from the tire valve and refit the tire valve cap.
- Move the vehicle so that the tire rotates approximately 5 turns to ensure the sealant is distributed inside it.
- Stop the vehicle in a safe place and repeat steps 10 – 15 shown on page 266 until the tire reaches the correct pressure.
- Follow steps 16 – 27 on page 267 if the tire has reached the correct pressure after 15 minutes.

If, after 15 minutes from the compressor being switched on, the pressure gauge still shows a pressure of less than 1.8 bar / 26 psi THE TIRE IS TOO DAMAGED TO REPAIR. Disconnect the kit as described in steps 16 – 18 shown on page 267 and then call for roadside assistance.



**NOTE:** The tire sealant bottle displays an expiry date. After the date shown, it should be renewed.



**NOTE:** Pay attention to storage information on sealant bottle.



**NOTE:** When replacing the used tire sealant bottle ensure to comply with any local legislation required.



**NOTE:** The compressor and sealant can be used from approximately. -40 °F to +122 °F (-40 °C to +50 °C).



**NOTE:** The electronic pressure sensor mounted inside the tire and integral with the tire valve, could be obstructed by the sealant and should be renewed.

**Tire Pressure Monitoring System**

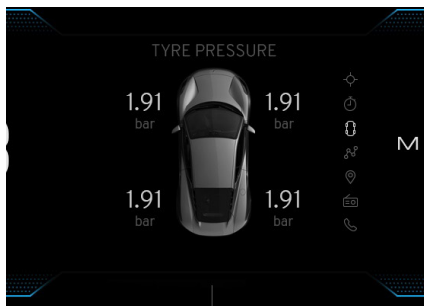
As an added safety feature, your vehicle has been equipped with a tire pressure monitoring system (TPMS) that illuminates a low tire pressure tell-tale symbol when one or more of your tires is significantly under-inflated. Accordingly, when the low tire pressure tell-tale symbol illuminates, you should stop and check your tires as soon as possible and inflate them to the proper pressure. Driving on a significantly under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.

Please note that the TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if under-inflation has not reached the level to trigger illumination of the TPMS low tire pressure tell-tale.


Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. The TPMS


## VEHICLE CARE


malfunction indicator is combined with the low tire pressure tell-tale symbol. When the system detects a malfunction, the tell-tale symbol will flash for approximately one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists. When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction tell-tale symbol after replacing one or more tires or wheels on your vehicle to ensure that the replacement or alternate tires and wheels allow the TPMS to continue to function properly.





If selected as a menu option, current pressure information can be shown in the instrument panel, see page 94.


The  tire pressure monitoring warning symbol will illuminate to warn if one or more of the tires become significantly under-inflated and a warning message is also shown in the driver's display screen, see page 94 for further information.

When the  warning symbol illuminates, you should stop and check your tires as soon as possible and inflate them to the correct pressures, see page 258.


 **WARNING:** If stopped for an emergency, move the vehicle off the road, switch on the hazard warning lights and mark the vehicle with other warning devices as available to reduce the risk of a collision.

 **WARNING:** Driving with under-inflated tires could cause the tires to overheat and can lead to tire failure and may affect the vehicle's handling and stopping ability.

 **WARNING:** Under-inflation also reduces tire tread life and may affect the vehicle's handling and stopping ability.


 **WARNING:** Damage to a tire will not be registered by the tire pressure monitoring system. Regularly check the tire condition and pressures, especially when driven on a track. Failure to do so may lead to serious injury or death.

**System Malfunction**

If a malfunction is detected within the tire pressure monitoring system, the  warning symbol will flash for approximately one minute and then remain continuously illuminated and a warning message shown in the driver's display screen.

When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended.

Malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the system from functioning properly.

Always check the  warning symbol after replacing one or more tires or wheels on your vehicle to ensure that the replacement of alternate tires and wheels allow the tire pressure monitoring system to continue to function properly.


**TPMS Sensor Renewal Intervals**

The sensors are powered by integral batteries, with an average service life of 5 years. It is recommended to renew all pressure sensors at this time interval.

**Calibrating TPMS Sensor**

After the fitment of a new sensor or wheel removal/refitment the tire pressure monitoring symbol will be illuminated in the driver display.

Driving the vehicle with the tires at the correct pressures for a short period of time will allow the sensor to calibrate to the tire pressure monitoring system and the symbol will extinguish.

A guided routine to calibrate the sensor pressure is available from the app launcher screen in the central display, see page 145. Tap on the  button and follow the on-screen instructions.


## VEHICLE CARE


### Wheels

Ensure that only original equipment, or Lotus approved wheel, tire and wheel bolt combinations are fitted.

After striking a pothole or kerb, the wheels should be removed and the wheel and tire thoroughly inspected for damage. If necessary, renew the wheel and/or tire.

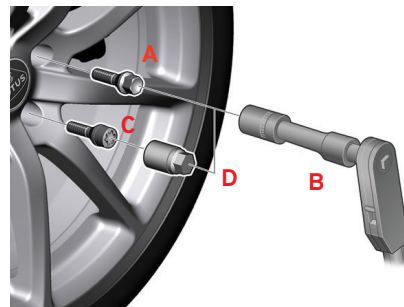
Safety should always be the first consideration and new parts fitted in any cases of doubt.

 **WARNING:** Using incorrect, or non-approved replacement wheels or wheel locks could be dangerous. It could affect the braking and handling of the vehicle, or cause tire deflation and result in an accident.

 **WARNING:** Putting a used wheel on a vehicle is dangerous. It may have structural damage which cannot be seen and lead to breakage causing an accident.

### Wheel Changing

For advice and information on lifting the vehicle, refer to 'Raising the Vehicle' on page 274.



### Wheel Removal

Before carrying out this procedure:

1. Park on a level, stable non-slippery surface away from moving traffic.
2. Switch on the hazard warning lights and if necessary, set up a warning triangle at a sufficient distance to the rear. Comply with any local legislation required.
3. All occupants must get out of the car and must move to a safe place away from any oncoming traffic.
4. Apply the vehicle handbrake and engage first or reverse gear or P - Park.
5. Securely chock all wheels not to be lifted.
6. Loosen the wheel bolts (A) ¼ turn



counter-clockwise using a 17 mm socket and suitable torque wrench (B) (not supplied), but do NOT remove the wheel bolts at this stage.

**!** **CAUTION:** Do not use hammer action air tools on locking wheel bolts (D, if fitted)\*, use only manual tools.

\*Optional locking wheel bolts (C), may be fitted requiring the corresponding coded socket wrench (D), supplied with the locking bolts to release them.

Rotate the coded socket until fully engaged with the bolt head and take care to maintain the extension tool perpendicular to the wheel face before applying release torque.



7. Position a suitable jack at the rear lifting point identified by a blue sticker, see page 275, 'Raising the Vehicle'. This will raise both wheels on that side of the vehicle.

**!** **WARNING:** Use a jack designed for the vehicle when changing wheels.

**!** **WARNING:** Never work or reach under the vehicle with a part of your body when it is raised on a jack.

**!** **CAUTION:** Use only those lifting points identified. Jacking on any part of the body, or with a jack improperly positioned, may damage the chassis or body structure.

8. Follow any instructions provided with the jack.
9. Raise the vehicle off the ground.
10. Remove the wheel bolts and remove the wheel.

## VEHICLE CARE

### Wheel Fitment

1. Ensure the contact surfaces of the wheel to be fitted and wheel hub are clean, if not, clean as necessary.
1. Position the wheel on the hub.
2. Screw in at least 2 of the vehicle's wheel bolts at opposite points to retain the wheel in position onto the hub assembly.
3. Screw in the remaining 3 wheel bolts.



4. Tighten all 5 wheel bolts in a crosswise pattern using the standard extension and coded wheel bolt adaptor, (if locking wheel bolts are fitted).
5. Following manufacturers' instructions, release the jack and lower the vehicle to the ground.

6. Fully tighten the bolts to a torque of 105 Nm (77.5lbf.ft).



**NOTE:** Do not use any lubricants on the threads of the wheel bolts.



**WARNING:** Dirt/corrosion on a wheel or hub mounting, oil or grease on the wheel bolts/hub threads, using incorrect wheel bolts, or the wrong tightening torque could cause the bolts to loosen resulting in a wheel coming off.



## Jacking

**A** Points to lift both wheels on one side.

**B** Points to lift front of vehicle on one side.



## 2-Post Lift

use all 4 **A** & **B** lifting points.

## Raising the Vehicle

Only position the jack or ramp lifting pads under the  areas shown.



### Point A

Ribbed alloy pad beneath the rear end of the chassis, forward of the rear wheelarch.



### Point B

Ribbed alloy pad beneath the front end of the chassis, inboard/rear of the front wheelarch.



**WARNING:** Use only those lifting points identified above. Lifting on any part of the body, or with a jack improperly positioned, may jeopardise safety.

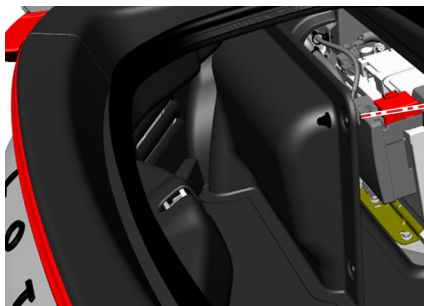


**WARNING:** Using a lifting jack can be dangerous. If the car falls off the jack, you or others could be seriously injured or killed. NEVER get under a car when it is supported only by a jack.



**CAUTION:** Use only those lifting points identified. Lifting on any part of the body, or with a jack improperly positioned, may damage the chassis or body structure.


## VEHICLE CARE





### Battery


#### Battery Access

The battery is located at the left-hand side of the rear luggage compartment. To access the battery, open the tailgate, (see page 57), then release the thumb screws on the battery cover and remove.

 **WARNING:** Batteries contain sulphuric acid avoid contact with skin, eyes, mouth or clothing. If in contact with skin or eyes; flush with large amounts of water, remove contaminated clothing and seek immediate medical attention.

 **WARNING:** Observe all warning notes on the battery.

 **WARNING:** If ingested; seek immediate medical attention. Do not induce vomiting or give fluids to drink.

 **WARNING:** Batteries produce explosive gases. Keep sparks, flames and cigarettes away. Ventilate when charging or using in enclosed space. Always shield eyes when working near batteries.

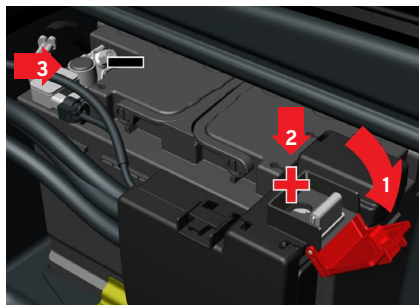
### Battery Replacement

It is recommended that the battery is replaced by an authorised Lotus Retailer, but if a battery replacement is not being carried out by an authorised Lotus Retailer, then ensure to:

- Replace it with a battery with the same size, cold starting capacity and type as the original battery, refer to the 'Technical Data' section of this handbook for further information.
- Switch off all electrical loads and remove the keyfob from the vehicle cabin.
- Wait for at least 30 MINUTES after switching off the ignition to allow the engine management system to adjust the setting of some components ready for restarting.
- Disconnect the black negative - battery cable first and reconnect last.

**Battery Disposal**

Vehicle batteries must not be disposed of with the normal household waste. They must only be disposed of at recycling centres or electrical specialists that are authorised to accept batteries for recycling.

**Battery Charging**

With normal daily use, it should not be necessary to use a battery charger. In low usage conditions, it is important to maintain the battery charge state using a suitable trickle charger, or automatic battery management conditioner.



**NOTE:** A battery conditioner will maintain a fully charged battery but cannot recharge if the battery becomes discharged.

Starting difficulties may be experienced after an unused period of 18 days approximately.

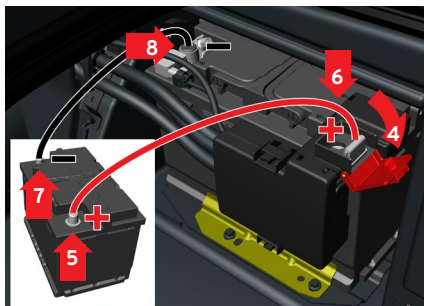
A battery conditioner continuously monitors battery charge state and switches on and off automatically to maintain the battery in a fully charged condition.

To trickle charge the battery open the positive jump-starting point terminal cover (1) and connect the red positive + lead and black negative - lead terminals of the charger or automatic battery conditioner to the corresponding red + positive (2) and black negative - vehicle (3), battery terminals until 12.8 volts is achieved.



**NOTE:** Follow any instructions and safety warnings included with the trickle charger or battery conditioner.

## VEHICLE CARE



### Jump Starting

In an emergency the vehicle with a discharged battery may be started from another vehicle with a 12V negative earth electrical system but be aware that such a process can cause damage to vulnerable electronic controllers, which would not be covered under the terms of the vehicle warranty.






When jump starting the vehicle, the following procedure is recommended to avoid short circuits or other damage:

1. Remove the battery access cover, see page 276.
2. Ensure that the vehicle's ignition system is in position 0.
3. Ensure the engine is switched off in the donor vehicle and make sure that the two vehicles do not touch each other.
4. Open the positive jump-starting point terminal cover.
5. Connect one clamp of the red jumper cable to the donor vehicle's battery's red positive + terminal post.
6. Connect the other clamp of the red jumper cable onto the Lotus vehicle's red positive + jump-starting point.
7. Connect one clamp of the black jumper to the donor battery's negative - terminal post.
8. Connect the other clamp of the black jumper cable onto the Lotus vehicle's negative -battery post (4).
9. Check that the jumper cable clamps are securely attached to avoid sparks during the starting attempt.
10. Start the engine of the donor car and allow it to run a few minutes at a fast idle speed.
11. Start the Lotus vehicle engine.
12. Remove the jumper cables in the reverse order of fitment, (black negative -, then red positive +).
13. Ensure that neither of the black negative - jumper cable clamps comes into contact with either the donor or Lotus vehicle's positive jump-starting point, donor vehicle's battery positive terminal or the clamp connected to the red jump lead.

Have the cause of the discharged battery investigated and rectified and trickle charge the battery as shown on page 277.

**WARNING:** Ensure that tools or metal watches or jewellery do not contact the battery terminals or electrically live components.

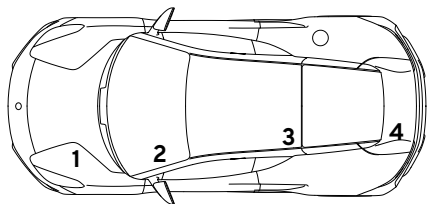
**WARNING:** It is most important that the correct procedure is followed to reduce the risk of damage to either vehicle's electrical system and most importantly, to minimise the danger of a spark induced battery explosion.

-  **WARNING:** Check that the donor vehicle also has a 12V negative earth electrical system.
-  **WARNING:** Use only jumper cables of adequate thickness, fitted with completely insulated clamps. The cables must be long enough to allow that neither vehicles nor cables touch each other.
-  **WARNING:** Follow all warnings and instructions of the jumper cable manufacturer.
-  **WARNING:** When connecting the jumper cables, keep them away from moving engine parts.
-  **WARNING:** The two vehicles must not contact each other, or current could flow as soon as the positive terminals are connected.

## VEHICLE CARE

### Fuses

Contact your authorised Lotus Retailer if a fuse repeatedly fails.



### Fusebox Locations

- 1 Front fusebox.
- 2 Footwell fuseboxes.
- 3 Rear fusebox.
- 4 Battery fusebox.

### Fuse Replacement

- Look in the fuse diagrams on the following pages to locate the fuse.
- Pull out the fuse and check if the fuse wire has broken.
- If the fuse has broken, replace it with a new fuse of the same colour and amperage rating.



**WARNING:** Replacing a fuse with one of a higher rating may cause a fire.



**CAUTION:** Replacing a fuse with one of a higher rating or a foreign object may cause damage to the vehicle's electrical systems.



**NOTE:** If a fuse of the correct rating is not available, use one of a lower rating as a temporary measure.



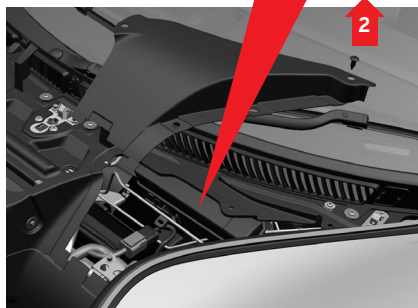
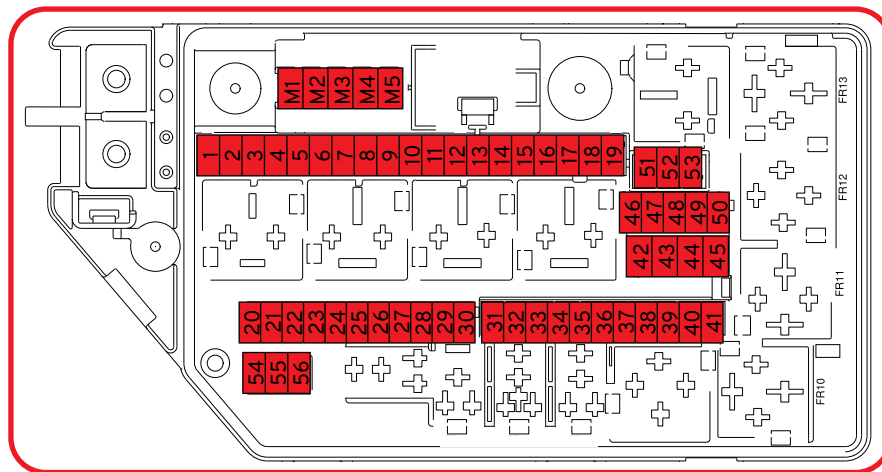
**NOTE:** Fuses may also be fitted that do not protect any circuit.



**Front Fusebox**

1. Open the front access panel, see page 243.
2. Remove the 5 fixings securing the front fusebox cover panel (located on the passenger side of the vehicle) and remove the panel.

The fuses listed are used by both Emira 4-cylinder and Emira V6 models unless other shown.



## VEHICLE CARE

No.	Circuit	Rating	Type
1	Spare		Micro
2	Spare		Micro
3	Spare		Micro
4	Spare		Micro
5	Spare		Micro
6	Spare		Micro
7	Spare		Micro
8	Spare		Micro
9	Spare		Micro
10	Spare		Micro
11	Spare		Micro
12	Headlamp unit - right-hand	20	Micro
13	Headlamp unit - left-hand	20	Micro
14	Supplementary restraint system, occupancy weight sensor passenger, belt tension sensor front right	5	Micro
15	Exhaust actuator	5	Micro
16	Electro hydraulic power assisted steering (Emira 4-cylinder)	5	Micro
17	Spare		Micro
18	Vehicle Dynamics Domain Master - VDDM (brake module)	5	Micro
19	Seat occupant weight sensor	5	Micro
20	Relay - coil supply	5	Micro
21	Battery backed-up sounder	5	Micro
22	Recirculation flap actuator, Temperature flap actuator left side	5	Micro
23	Spare		
24	Spare		

No.	Circuit	Rating	Type
25	Spare		Micro
26	Spare		Micro
27	Spare		Micro
28	Spare		Micro
29	Horn relay	20	Micro
30	Low temperature radiator fan relay (Emira V6 automatic transmission)	30	Micro
31	Spare		MCase
32	Control unit blower motor, Temp flap actuator left side, Recirculation flap actuator	40	MCase
33	Vehicle Dynamics Domain Master - VDDM (brake module)	40	MCase
34	Vehicle Dynamics Domain Master - VDDM (brake module)	40	MCase
35	Spare		MCase
36	Headlamp relay	30	MCase
37	Spare		MCase
38	Spare		MCase
39	Spare		MCase
40	Spare		MCase
41	Spare		MCase
42	Spare		MCase
43	Spare		MCase
44	Spare		MCase
45	Spare		Mcase
46	Spare		Micro
47	Spare		Micro
48	Spare		Micro

## VEHICLE CARE

No.	Circuit	Rating	Type
49	Spare		Micro
50	Spare		Micro
51	Spare		MCase
52	Spare		MCase
53	Spare		MCase
54	Spare		Micro
55	Headlamp unit - left-hand	20	Micro
56	Headlamp unit - right-hand	20	Micro
M1	Fuse box supply	80	Midi
M2	Spare		Midi
M3	Fan control module	70	Midi
M4	Spare		Midi
M5	Electro hydraulic power assisted steering (Emira 4-cylinder)	100	Midi

## Footwell Fusebox

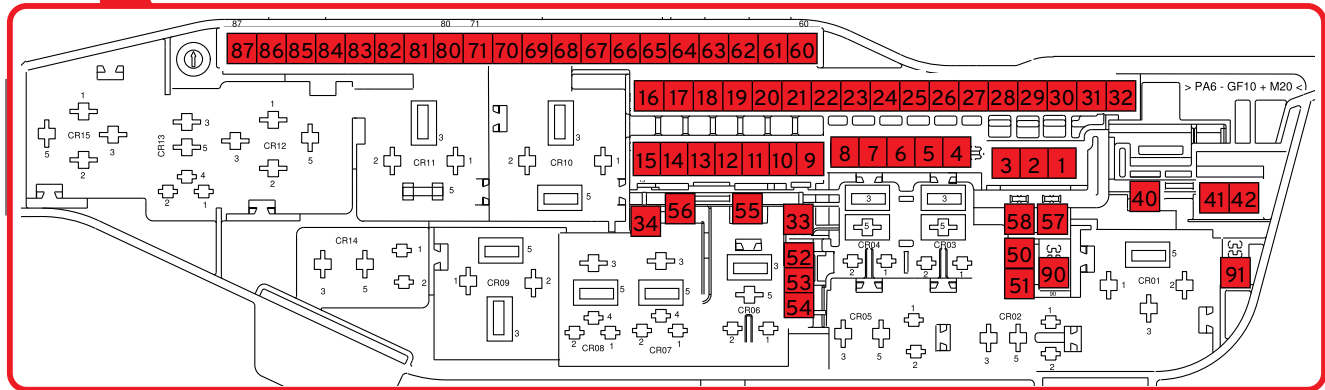
Located in the passenger footwell and is accessed by removing the toe board panel which is secured by a quarter turn fastener on each corner.



The toe board panel is an occupant crash protection component. Never drive the vehicle without the toe board panel being installed and fitted correctly.

**⚠ WARNING:** The toe board either not installed or incorrectly fitted could result in unbelted front passenger being at risk of injury to their upper leg area in the event of unbelted crash situation.

The fuses listed are used by both Emira 4-cylinder and Emira V6 models unless other shown.



## VEHICLE CARE

No.	Circuit	Rating	Type
1	Spare		Mcase
2	Spare		Mcase
3	Spare		Mcase
4	Spare		Mcase
5	Wiper motor module	30	Mcase
6	Spare		Mcase
7	Audio booster (premium specification)	25	Mcase
8	Audio module	25	Mcase
9	Seat module - left	20	Micro
10	Infotainment head unit	10	Micro
11	Door module - front left	20	Micro
12	Seat module - right	20	Micro
13	Door module - front right	20	Micro
14	Active safety domain master	5	Micro
15	Steering column lock	7.5	Micro
16	Diagnostic socket (ODB I)	10	Micro
17	Steering wheel module	5	Micro
18	Radio frequency antenna	5	Micro
19	Relay coil supply	5	Micro
20	Centre console switch module	5	Micro
21	Brake pedal sensor	5	Micro
22	Climate control module	7.5	Micro
23	Centre stack display	5	Micro
24	Interior motion sensor	5	Micro

No.	Circuit	Rating	Type
25	Telematics module	5	Micro
26	Driver information module	5	Micro
27	Start switch, gear selector module, parking brake switch	5	Micro
28	Spare		Micro
29	Ventilation flap actuator, defroster flap actuator	5	Micro
30	Silent alarm module	5	Micro
31	Keyless vehicle module (Emira 4-cylinder)	5	Micro
32	Digital keyless antenna module (Emira 4-cylinder)	5	Micro
33	Spare	5	Micro
34	Engine Bay EFCM_2 Relay	10	Micro
40	Spare		MCase
41	Spare		MCase
42	Spare		MCase
50	Auxiliary water pump	5	Micro
51	Spare		Micro
52	Spare		Micro
53	Power outlet - passenger compartment	15	Micro
54	Charging port - rear view mirror, USB charging port - floor console right	10	Micro
55	Spare		MCase
56	Spare		MCase
57	Spare		MCase
58	Spare		MCase
60	Spare	0	Micro
61	Spare		Micro

## VEHICLE CARE

No.	Circuit	Rating	Type
62	Spare		Micro
63	Electronic toll collection module	5	Micro
64	Spare		Micro
65	Supplementary restraint system	5	Micro
66	Front radar module, forward looking, camera heater	5	Micro
67	Spare		Micro
68	Spare		Micro
69	Spare		Micro
70	Spare		Micro
71	Spare		Micro
80	Sun sensor	5	Micro
81	USB connection	7.5	Micro
82	Rain/light sensor module, vanity mirror illumination, overhead console, glove box illumination, glove box switch, interior rear view mirror module	7.5	Micro
83	Side obstacle detection - left, side obstacle detection - right	5	Micro
84	Spare		Micro
85	Spare		Micro
86	Spare		Micro
87	Spare		Micro
90	Spare		Micro
91	Spare		Micro

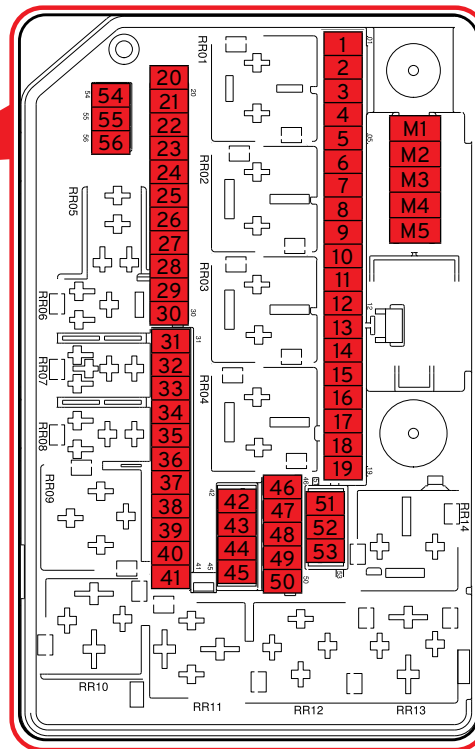


## Rear Fusebox

The rear fusebox is positioned behind the left-hand rear quarter trim panel.

Pull off the panel to access the rear fusebox.

The fuses listed are used by both Emira 4-cylinder and Emira V6 models unless other shown.



## VEHICLE CARE

No.	Circuit	Rating	Type
1	Pump electronic module, powertrain control module (Emira 4-cylinder)	5	Micro
2	Engine control module, electronic gear selector module (Emira 4-cylinder)	5	Micro
3	Air conditioning compressor solenoid (Emira 4-cylinder)	5	Micro
4	Spare		Micro
5	Engine control module (Emira V6)	10	Micro
5	Engine control module, Injectors 1,2,3 + Oil level and temperature sensor (Emira 4-cylinder)	15	Micro
6	Spark plug, ignition coil, capacitor filter - left, capacitor filter - right (Emira V6)	15	Micro
6	Engine control module (Emira 4-cylinder)	15	Micro
7	Injector (Emira V6)	7.5	Micro
7	Engine control module (Emira 4-cylinder)	25	Micro
8	Pump - water cooled charge air cooler (Emira V6)	15	Micro
8	Pump fuel leakage control DMTL (Emira 4-cylinder)	25	Micro
9	Solenoid variable valve timing VVT inlet and exhaust B, evap purge valve, Solenoid variable valve timing VVT inlet and outlet, canister close valve (Emira V6)	7.5	Micro
10	Oxygen sensor 1 - left-hand front, oxygen sensor 3 - linear right-hand front, oxygen sensor 4 diagnostic right-hand rear, oxygen sensor rear (Emira V6)	10	Micro
11	Relay coil supply (Emira V6)	5	Micro
12	Engine control module (Emira V6)	5	Micro
12	Powertrain control module PCM (Emira 4-cylinder)	15	Micro
13	Electronic gear selection module (Emira V6 automatic transmission)	5	Micro
13	Exhaust actuator (Emira)	5	Micro
14	Alternator control module (Emira V6)	5	Micro
14	Transmission oil cooler valve (Emira 4-cylinder)	7.5	Micro
15	Pump water cooled charge air cooler (Emira 4-cylinder)	20	Micro

No.	Circuit	Rating	Type
16	Air conditioning compressor solenoid (Emira V6)	7.5	Micro
16	Control valve engine oil cooler (Emira 4-cylinder)	10	Micro
17	Water pump relay (Emira 4-cylinder)	5	Micro
18	Vehicle gateway module (Emira 4-cylinder)	5	Micro
19	Spare		Micro
20	Relay coil supply (Emira & Emira V6)	5	Micro
21	Alternator control module (Emira V6)	5	Micro
22	Engine control module (Emira & Emira V6)	5	Micro
23	Powertrain control module (Emira 4-cylinder)	5	Micro
24	Keyless vehicle module (Emira 4-cylinder)	5	Micro
25	Spare		Micro
26	Air conditioning clutch relay (Emira V6)	5	Micro
27	Spare		Micro
28	Oil cooler pump relay (Emira V6 automatic transmission)	15	Micro
29	Fuel pump relay (Emira V6)	20	Micro
30	Spare		Micro
31	Spare		MCase
32	Central electronic module	40	MCase
33	Spare		MCase
34	Central electronic module	40	MCase
35	Spare		MCase
36	Pump electronic module (Emira 4-cylinder)	30	MCase
37	Spare		MCase
38	Spare		MCase

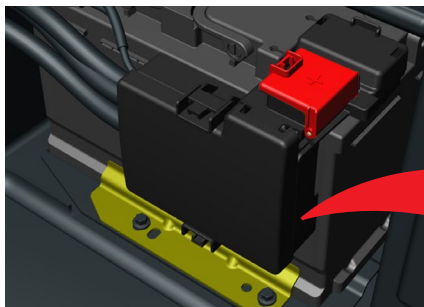
## VEHICLE CARE

No.	Circuit	Rating	Type
39	Window washer pump front relay	30	MCase
40	Spare		MCase
41	Rear defroster relay	25	MCase
42	Spare		MCase
43	Spare		MCase
44	Starter relay	30	MCase
45	Spare		MCase
46	Gear shift actuator (Emira V6 automatic transmission)	5	Micro
47	Spare		Micro
48	Spare		Micro
49	Spare		Micro
50	Spare		Micro
51	Transmission control module (Emira V6 automatic transmission)	30	MCase
52	Spare		MCase
53	Spare		MCase
54	Spare		Micro
55	Spare		Micro
56	Spare		Micro
M1	Transmission control module (Emira 4-cylinder)	80	Midi
M2	Water pump relay (Emira 4-cylinder)	60	Midi
M3	Spare		Midi
M4	Spare		Midi
M5	Spare		Midi

## Battery Fusebox

Removal of the mega fuses requires workshop tools. The negative battery terminal clamp must also be disconnected from the battery before these fuses are removed and inspected.

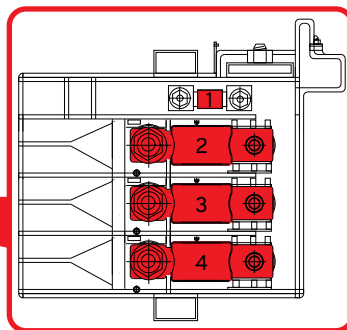
Because of the high amperage rating of the mega fuses, Lotus recommends that inspection and removal of these fuses is only performed by your Lotus Retailer.



**WARNING:** If a mega fuse terminal is inadvertently earthed (e.g., when using a spanner) whilst the battery negative terminal is still connected, the resultant short circuit, with heavy sparking and current flow, could cause serious burns and/or a fire.



**WARNING:** Ensure that tools or metal watches or jewellery do not contact the battery terminals or electrically live components.



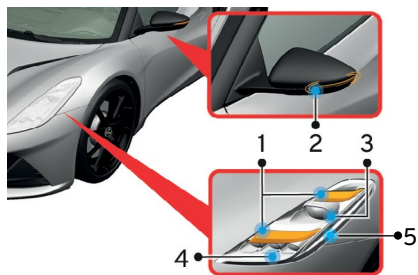
The fuses listed are used by both Emira 4-cylinder and Emira V6 models unless other shown.

No.	Circuit	Rating	Type
1	Battery monitoring sensor	15	Micro
2	Starter motor	400	Mega
3	Rear junction box	200	Mega
4	Front junction box	250	Mega

## VEHICLE CARE

### Exterior Lamps

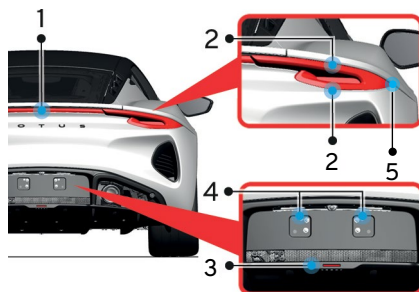
All lamps are illuminated by light emitting diodes (LED's) and are serviceable only by replacement of the complete units.



### Front Lamps

- 1 Position/daytime running/turn indicator.
- 2 Side repeater.
- 3 Dip beam.
- 4 Main beam.
- 5 Side marker (reflector and lamp)\*.

**NOTE:** Fan motors are fitted to the front lamps to aid thermal management and may be audible when the engine is started.



### Rear Lamps

- 1 Centre high mounted stop lamp.
- 2 Position\*/brake/turn indicator.
- 3 Reverse.
- 4 Licence plate\*
- 5 Side marker (reflector and lamp)\*.

\*Will also illuminate when daytime running lights are activated.

**NOTE:** All lamps may temporarily condensate on the inside of the lens. This is normal and will slowly dissipate once the lamps have been switched on.

### Rear Turn Indicator Lamps

The turn indicator lamps flash at high intensity, alternating with off or low intensity illumination dependant on whether the position lamps are illuminated. If the brake lamps and a turn indicator lamp are activated together, the flashing function will override the brake lamp. The opposite side brake lamp and centre high mounted stop lamp will operate normally.

### Side Marker Lamps

Amber reflectors with and single LED lamp are fitted within the front headlamps. Red reflectors with a single red LED lamp are fitted within the rear lamps.

Both front and rear side markers are constantly illuminated regardless of the external light setting selected.

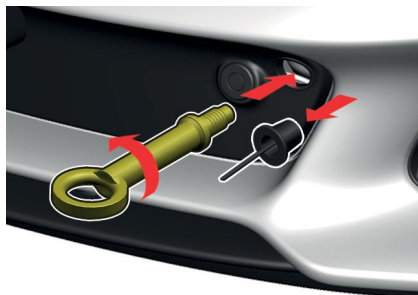
## Vehicle Recovery

To aid vehicle recovery, such as winching onto a flatbed car transporter, screw the recovery eye supplied in the vehicle tool kit into the threaded mounting point located behind the left-hand side of the front bumper centre grille.

**WARNING:** Use only towing equipment designed specifically for this purpose.

**CAUTION:** Only in an emergency should the car be towed using the recovery eye and then only for the shortest distance necessary.

**CAUTION:** The vehicle may be damaged if winched using the towing eye if the vehicle ground clearance is too low.



### Using the Recovery Eye

- Remove the protective bung and screw the recovery eye fully counter-clockwise into the mounting point.

**NOTE:** Ensure the recovery eye is screwed firmly into the mounting point as possible before winching the vehicle.

- Put the vehicle into ignition mode II (active) and release the electric parking brake, see pages 198 and 215.
- For manual transmission vehicles, put the gear lever into neutral.
- For automatic transmission vehicles, select N - Neutral, see page 205.
- Ensure that the keyfob is left in the

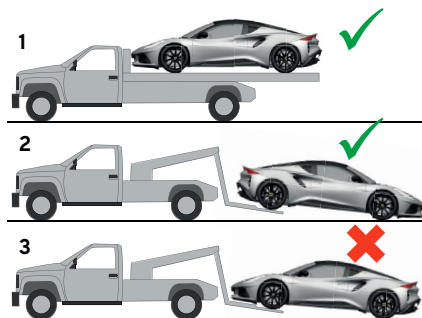
cabin when the vehicle is being towed.

**NOTE:** Towing dollies must be placed under the rear wheels before winching the vehicle if neutral cannot be selected or the parking brake released.

**CAUTION:** Attempting to winch the vehicle with the vehicle still in gear or the parking brake still applied will cause damage to the transmission or braking systems.

**CAUTION:** Attaching winching/towing equipment to the vehicle body or suspension will result in damage to the vehicle.

## VEHICLE CARE



### Transporter Recovery

Lotus recommend recovery is carried out by your Lotus Retailer or a professional vehicle recovery service using a suitable flatbed transporter or trailer.

- 1 ✓ Recommended method.
- 2 ✓ Alternative method with the front wheels (non-driving wheels), rotating on the ground.
- 3 ✗ Never tow a vehicle with the rear driving wheels rotating on the ground, as this may cause serious damage to the transmission.



### Vehicle Tie-Down

When moving a vehicle by transporter or trailer, the vehicle should be secured only by chocking and strapping around the road wheels.

- ⚠ **CAUTION:** Attaching restraints around suspension linkages, recovery eye or chassis or body components may cause damage.

### Vehicle Towing

Only in an emergency should the vehicle be towed using the recovery eye and then only for the shortest distance necessary.

Before towing ensure to deactivate the power steering lock and release the electrical parking brake, see pages 198 and 215.

- ⚠ **WARNING:** Use only towing equipment designed specifically for this purpose.

- ⚠ **CAUTION:** Using incorrect towing equipment may cause damage to your vehicle.



### **Towing Automatic Models**

Never tow a vehicle with an automatic transmission for a long period of time as this may cause serious damage to the transmission.

### **Towing a Trailer**


This vehicle is not equipped with either a rear towing mount or any chassis mounting points to attach a tow bar assembly, therefore is not suitable for towing a trailer.

## VEHICLE CARE

### Exterior Cleaning


Regular inspection of the vehicle paint finish and frequent washing are the best preventions against paint deterioration caused by contaminants such as:


- Dust, soot, ash and acidic or alkaline aerosol.
- Tree sap and insect fluids.
- Bird droppings which can chemically etch the paint.
- Leaves which contain chemicals which can stain light finishes.
- Blowing sand and dust which can cause abrasion damage.

 **NOTE:** To prevent damage to the paint, immediately remove contaminants as described above as soon as you see them. Do not wait until the vehicle is due for a complete wash.

### Handwashing

Lotus recommends that your vehicle is only washed by hand.


 **CAUTION:** Automatic car washers and jet washers may damage the paint finish. Damage caused by using them will not be covered under the terms of the vehicle warranty.


 **CAUTION:** Never use a jet washer to clean the engine bay area or direct the jet nozzle or hoses directly into any air vents as this can result in damage to sensitive engine components and potential engine failure, which will not be covered under the terms of the vehicle warranty.

- Rinse the entire car until any dirt has been removed, this will reduce the risk of scratching the paintwork whilst washing. Ensure not to spray water directly into any air intake/ventilation grilles or locks.
- Thoroughly wash using plenty of lukewarm water and a proprietary car shampoo, never use household

detergent or washing up liquid.

- Wash in the shade and use a cotton chenille wash mitt or a sponge rinsed frequently to minimise the retention of dirt particles.
- Use a straight back and forth washing motion to avoid swirled micro scratches and rinse the body thoroughly.
- Dry the paintwork after washing using a suitable microfibre towel or chamois leather.

 **NOTE:** The car shampoo must be non-abrasive, without strong solvents, and have a pH value between 3 and 11 (neither strongly acidic nor strongly alkaline).

 **NOTE:** To prevent binding between the brake pads and discs as well as avoiding any potential corrosion, it is recommended to drive the vehicle for a short distance immediately after washing.

### Under Vehicle Cleaning

To minimise degradation from road salt, the underside of the chassis should be rinsed with clean water on a regular basis. Many fuel filling stations offer pressure washing facilities ideal for this purpose, but do not use on the bodywork, headlights or around protective gaiters used on suspension, brake or powertrain components.

### Tar Spots


If necessary, use white spirit to remove tar spots and stubborn grease stains (but do not apply to the windscreen wiper blades or rubber trims), then immediately wash the area with water and car shampoo.

### Windscreen Cleaning

Use a proprietary glass cleaning product on the windscreen and other windows. Clean the wiper blade with windscreen wash solvent to prevent juddering and smearing.

### Engine Bay Cleaning

There are many exposed electrical modules/components and connectors within the engine bay area.


 **CAUTION:** The engine bay area or individual components (electrical or mechanical) must never be cleaned using a pressure washer and/or any chemical cleaning agents.

It is recommended that cleaning the engine bay area should only be performed by an authorised Lotus Retailer.

## VEHICLE CARE

### Alloy Road Wheels

It is recommended that the alloy road wheels are washed with the same car shampoo as is used to wash the bodywork. Use a brush having only nylon bristles. During the winter months, particularly when salt has been used on the roads for the dispersal of snow and ice, wash thoroughly to remove accumulated road filth from the wheels and tires.

 **CAUTION:** The chemicals in road wheel cleaning solutions can damage the surface finish of the wheel rims.

### Exterior Lighting

Headlamps and all other light units should only be washed with lukewarm water and a proprietary car shampoo, using a clean non scratching sponge, never use household detergent or washing up liquid.



**NOTE:** After washing, the headlamps and rear lamps may temporarily have condensation on the inside of the lens. This is normal and will slowly dissipate once the lamps have been switched on.

### Park Assist System Sensors


As recommended for the vehicle body, only handwash the sensors.

### Park Assist Camera Lens

As recommended for the vehicle body, only handwash the camera.

### Radar Units

As recommended for the vehicle body, only handwash the front radar unit as well as the rear bumper areas covering the rear radar units.

 **CAUTION:** Automatic car washers and jet washers may damage the sensors, camera lens and radar units.

See page 298 for further information.

**Paintwork Polishing**

After normal washing and drying, the application of a good quality liquid polish will restore the original paint lustre.

Higher gloss of the paint finish and added protection against contamination can be obtained by the use of a wax polish. However, this can only be used successfully on a clean surface, from which the previous application has been removed.

Do not apply wax or polish on plastic and rubber trims. If it is necessary to use a degreaser on plastic and rubber, only rub with light pressure using a soft sponge.

Polishing trim mouldings could damage the surface layer.

Polishers that contain abrasives must not be used.

**Interior Cleaning  
Centre Display**

It is recommended to clean the centre display screen regularly to maintain its performance and readability.

**Screen Cleaning Mode**

- Press and hold the play/pause button in the centre console for 2 seconds.
- An overlay screen will be displayed on the centre screen.
- Follow the on-screen instructions.
- Using small circular movements, clean the screen using microfibre cloth.
- Press and hold the play/pause button for 3 seconds again to return to the screen home display.



**NOTE:** If required, lightly moisten the microfibre cloth with clean water.



**CAUTION:** Do not spray any interior car cleaners including windscreen or glass cleaner (or any other chemicals) directly on the centre display.



**CAUTION:** The microfibre cloth must be clean and free from dust or dirt. Never use abrasive cloths or paper towels which could scratch the display screen.



**CAUTION:** Use light finger pressure only when cleaning the display screen, heavy pressure may damage the screen.

## VEHICLE CARE

### **Cloth Trim**

Normal cleaning consists of occasionally wiping lightly with a cloth dampened in a mild soap and water solution; it is important that the cloth is only dampened, not soaked. Alternatively, a proprietary upholstery cleaner may be used.

### **Leather & Vinyl Trim**

This should be wiped over occasionally with sensitive baby wipes. Repeat the operation using a fresh cloth and water only but avoid soaking the leather. Finish by drying and polishing with a soft dry cloth. For light coloured leather regular cleaning is recommended.

The manufacturers of the leather do not recommend the use of any hide 'food' and prohibit the use of petrol or detergents, furniture creams and polishes.

Lotus use premium quality leather, specifically tanned and dyed for automotive use. As a natural material, leather ages in various ways and may, over time, exhibit signs of cracking, scuffing, shrinking, etc. Such wear is not an indication of a defect, but rather the natural maturing of the leather.

### **Alcantara® Trim**

It is recommended that it is cleaned regularly of any loose debris, dust etc., but only by using a soft brush, a dry cloth or a vacuum cleaner. Then a slightly moistened white cotton cloth should then be wiped over the material. Do not use any cloths or paper containing print as this may release their ink into the material. Stain Removal: Alcantara® have compiled the recommended cleaning products and best methods of stain removal for their materials. This information is available to view on their website: [alcantara.com](http://alcantara.com)

Lotus Cars recommends that you view and follow the information provided on this website prior to attempting any stain removal on your Alcantara® trim.

### Seat Belt Cleaning

The seat belts may be sponged with warm water and should be allowed to air dry naturally before use. Do not use chemical cleaners and never attempt to bleach or dye the webbing.

Take care to avoid the ingress of foreign bodies into the buckle mechanism that could affect the functionality of the latch. There is no provision for disassembly.

The seat belt should be replaced if the webbing becomes frayed, contaminated or damaged. Not checking or maintaining seat belts can result in them not working properly when needed. Check all the belts regularly and have any problem corrected immediately.

### Footwell Cleaning

Use only correctly secured Lotus approved carpet mats in the footwells. Floor coverings made from plastic or other non-breathable materials may trap moisture and initiate surface corrosion of the footwell floors.

### Sill Trims

Note that the sill trim covers will be subjected to wear and tear during the normal course of cabin access and may require periodic replacement dependent on the level of use and the owner's preference.

### Door Lock

It is recommended to periodically operate the left-hand exterior door key lock in order to check and maintain its functionality, should this ever be required. A special lock spray grease will maintain smooth and reliable operation. Be aware that any use of silicone based general maintenance sprays can wash out the grease required for mechanism longevity. Your Lotus Retailer will be pleased to advise.

## VEHICLE CARE

### Severe Service Conditions

Certain operating conditions can cause rapid degradation of the engine and transmission oil quality. If any of the 'severe service' conditions described below apply, it is recommended that the engine and transmission oil and filters are changed more frequently than listed in the maintenance schedule.

- Driving in dusty areas (e.g., on non-tarmacked roads); Change the oil and filter as soon as possible after driving in a dust storm.
- Stop/start driving with frequent short trips where the engine rarely warms up thoroughly (especially in cold weather/climates); and/or frequent or prolonged idling.
- Track use, with repeated high rpm, wide throttle openings and high oil temperatures. For appropriate maintenance, discuss with your Lotus Retailer.

The use of the car off road or in a competitive manner, including timed runs or laps, will invalidate the warranty and require appropriate levels of expert

car preparation and servicing. Refer to the separate Warranty Booklet section 2 'Intended Purpose'. Please be aware that the use of products with specifications other than those shown on the next page could cause damage to the engine and transmission that would not be covered under the terms of the Lotus vehicle warranty.

For fluid quantities please see 'Capacities' on page 308 For change intervals please refer to the Maintenance Schedule contained within the separate Maintenance Record booklet.

The approved lubricants have been developed and tested in order to guarantee your vehicle's reliability and optimal performance through time, based on the required scheduled maintenance recommended by Lotus.

### Recommended Lubricants

Using the specified lubricants is vital. Lower quality oils may not provide adequate protection before the next scheduled service and may also result in high oil consumption.

Throughout the life of the vehicle the correct specification fully synthetic oil must be used, see 'Recommended Fluids and Lubricants' on page 306 for further details.



**NOTE:** Lotus recommends against the use of any oil additives, the use of which may invalidate the terms of the New Vehicle Warranty.



**TECHNICAL DATA**

## TECHNICAL DATA

### Recommended Fluids and Lubricants

#### Emira V6

##### Engine

Approved Product:	Total Quartz 9000 Energy
Viscosity / Quality Standard:	SAE 0W/40 / API SN: ACEA A3/B4

##### Manual Transmission

Approved Product / Quality Standard:	Texaco Delo Syn-AMT XV 75W-80 (fully-synthetic) / API GL-4
Approved Product / Quality Standard:	Havoline Multigear MTF HD 75W-80 (fully-synthetic) / API GL-4

##### Automatic Transmission

Approved Product:	Toyota Genuine ATF WS Transmission oil
Approved Product:	Exxon Mobil JWS 3324 Transmission oil

##### Brake & Clutch System

Approved Product / Specification:	Petronas Tutela Top 4/S brake fluid / DOT 4
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##### Engine and Charger Coolant Additive

Approved Product:	Total Glacelf SI-OAT
Type / Colour:	Monoethylene glycol with OAT corrosion inhibitors / Pink

##### Power Steering System (PAS)

Approved Product / Specification:	Fuchs Titan ATF 3000 Dexron II (D)
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##### Windscreen Washer Bottle

Approved Product:	Petronas Tutela SC35 windscreen washer fluid
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## Recommended Fluids and Lubricants

### Emira 4-Cylinder

#### Engine

Approved Product:	Total INEO XTRA EC5
Viscosity / Quality Standard:	SAE 0W/20 / C5, SN Plus / ILSAC GF-6A / MB229.71

#### Transmission

Approved Product:	Fuchs Titan FFL-10
Quality Standard:	MB 236.22

#### Brake & Clutch System

Approved Product / Specification:	Petronas Tutela Top 4/S brake fluid / DOT 4
-----------------------------------	---

#### Engine and Charger Coolant Additive

Approved Product:	Total Glacelf SI-OAT
Type / Colour / Quality Standard:	Monoethylene glycol with OAT corrosion inhibitors / Pink / MB325.6

#### Power Steering System (PAS)

Approved Product / Specification:	Fuchs Titan CHF202
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#### Windscreen Washer Bottle

Approved Product:	Petronas Tutela SC35 windscreen washer fluid
-------------------	--

## TECHNICAL DATA

Capacities		Fuel Consumption (MPG)		Fuel Consumption (MPG)	
Emira V6		Emira V6		Emira 4-Cylinder	
Engine Oil*	6.0 litres (6.34 US lqd qt)	40 CFR 600		40 CFR 600	
		Manual Transmission		Manual Transmission	
Emira 4-Cylinder		City	16	City	21
Engine Oil*	6.7 litres (7.0 US lqd qt)	Highway	24	Highway	30
		Combined	19	Combined	24
High/Low Dipstick Mark Difference	1.5 litres (1.59 US lqd qt)	CO <sub>2</sub> Emissions (m/US gal)		CO <sub>2</sub> Emissions (m/US gal)	
		460g/mile (Combined)		364g/mile (Combined)	
Windscreen Washer Bottle	2.5 litres (2.6 US lqd qt)	Unleaded Fuel Requirement		Unleaded Fuel Requirement	
		Minimum	90 (RON+MON)/2	Minimum	90 (RON+MON)/2
Fuel Tank	58 litres (15.32 US gal)	Recommended	90 (RON+MON)/2	Recommended	90 (RON+MON)/2
Luggage Compartment Stowage	151 litres (5.31 ft <sup>3</sup> )				

\*Figure shown is for the engine and oil filter capacity, additional oil is contained within the oil cooler circuit which cannot be drained during a routine oil change.

## Engine Data

### Emira V6

**Power Output** 298kW @ 6,800 rpm

**Idle Speed** 750 ±200 rpm

**Maximum Continuous Engine Speed** 6,550 rpm\*

**Maximum Momentary Engine Speed** 6,800 rpm

\*In sports mode in 4th, 5th or 6th gears but may vary dependent on engine conditions.

## Engine Data

### Emira 4-Cylinder

**Power Output** 268kW @ 6,500 rpm

**Idle Speed** 830 rpm\*

**Maximum Continuous Engine Speed** 7000 rpm

**Maximum Momentary Engine Speed** 7200 rpm

\*950 rpm in sport and track modes.

## Engine Data

### Emira 4-Cylinder Turbo SE

**Power Output** 298kW @ 6,500 rpm

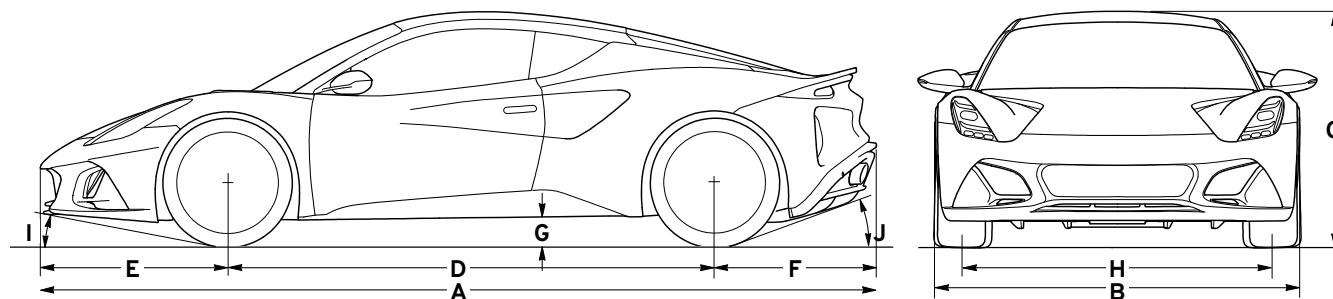
**Idle Speed** 830 rpm\*

**Maximum Continuous Engine Speed** 7000 rpm

**Maximum Momentary Engine Speed** 7200 rpm

\*950 rpm in sport and track modes.

## TECHNICAL DATA



### Dimensions

A Overall length	173.74 in (4413 mm)
B Overall width	74.64 in (1896 mm)
C Overall height*	48.62 in (1235 mm)
D Wheelbase	101.18 in (2570 mm)
E Front overhang	38.89 in (988 mm)
F Rear overhang	33.66 in (855 mm)
G Ground clearance*	5.51 in 140 mm
H Track front	63.93 in 1624 mm
H Track rear	63.38 in 1610 mm
I Approach angle front	9.2°
J Approach angle rear	18.3°

\* Mid-laden weight.

## Weights

### Emira V6 Manual Transmission

Kerb weight:

(Excluding lightweight options)

Total 3291 lb

Front 1291 lb

Rear 2000 lb

Gross (maximum) vehicle weights

Total 3886 lb

Front 1521 lb

Rear 2365 lb

Maximum permissible (GVW)

2 x 220 lb + 110 lb luggage + 44 lb luggage secured behind the seats.

## Weights

### Emira V6 Automatic Transmission

Kerb weight:

(Excluding lightweight options)

Total 3307 lb

Front 1296 lb

Rear 2011 lb

Gross (maximum) vehicle weights

Total 3902 lb

Front 1505 lb

Rear 2397 lb

Maximum permissible (GVW)

2 x 220 lb + 110 lb luggage + 44 lb luggage secured behind the seats.

## Weights

### Emira 4-Cylinder

Unladen:

(Excluding lightweight options)

Total 3229 lb

Front 1285 lb

Rear 1944 lb

Gross (maximum) vehicle weights

Total 3825 lb

Front 1526 lb

Rear 2299 lb

Maximum permissible (GVW)

2 x 220 lb + 110 lb luggage + 44 lb luggage secured behind the seats.

## TECHNICAL DATA

### Battery

Type	Platinum AGM096E
Voltage (V)	12
CCA (EN)	760
Ah Capacity (C20)	70
Size, L×B×H	278 x 175 x 190 mm



**Tires**

<b>Road Tyres</b>	<b>Position</b>	<b>Size Load/Speed Rating</b>	<b>Sidewall Designation Marking</b>
Michelin Pilot Sport Cup 2	Front	245/35 ZR20 - 95Y XL	LTS
	Rear	295/30 ZR20 - 101Y XL	LTS
Goodyear Eagle F1 Supersport	Front	245/35 ZR20 - 95Y XL	LTS
	Rear	295/30 ZR20 - 101Y XL	LTS

<b>Recommended Inflation Pressures</b>	<b>Position</b>	<b>Standard Inflation Pressure</b>	<b>High Speed Pressures*</b>
	Front	2.0 bar (29 lb/in <sup>2</sup> )	2.2 bar (32 lb/in <sup>2</sup> )
	Rear	2.2 bar (32 lb/in <sup>2</sup> )	2.4 bar (35 lb/in <sup>2</sup> )

<b>Winter Tyres</b>	<b>Position</b>		<b>Sidewall Designation Marking</b>
Michelin Pilot Alpin PA4	Front	235/35 ZR20 - 92W XL <sup>†</sup>	None - Standard Michelin
	Rear	285/30 ZR20 - 99W XL <sup>†</sup>	None - Standard Michelin

<b>Recommended Inflation Pressures</b>	<b>Position</b>	<b>Cold Inflation Pressure</b>
	Front	2.6 bar (37 lb/in <sup>2</sup> )
	Rear	2.5 bar (36 lb/in <sup>2</sup> )

<b>Snow Chains</b>	<b>Position</b>
Konig CG - 9 105	Rear

\* High speed pressures for road speeds in excess of 270 km/h (167 mph).

† Winter tyres rated for road speeds of up to 270 km/h (167 mph).

Failure to monitor and adjust the tire pressures as necessary will result in premature and excessive tire wear.

**DECLARATION OF CONFORMITY**

## DECLARATION OF CONFORMITY

Shown below is the radio equipment output power table by frequency and certification approval for the Canadian market.

RSS statement & RF exposure (English & French).

Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of this device.

L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

### **IC Radiation Exposure Statement:**

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment.  
**This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.**

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

### **Avis d'Industrie Canada sur l'exposition aux rayonnements**

Cet appareil est conforme aux limites d'exposition aux rayonnements d'Industrie Canada pour un environnement non contrôlé.

**Il doit être installé de façon à garder une distance minimale de 20 centimètres entre la source de rayonnements et votre corps.**

REMARQUE : LE FABRICANT N'EST PAS RESPONSABLE DES INTERFÉRENCES RADIOÉLECTRIQUES

CAUSÉES PAR DES MODIFICATIONS NON AUTORISÉES APPORTÉES À CET APPAREIL. DE TELLES MODIFICATIONS POURRAIT ANNULER L'AUTORISATION ACCORDÉE À L'UTILISATEUR DE FAIRE FONCTIONNER L'APPAREIL.

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