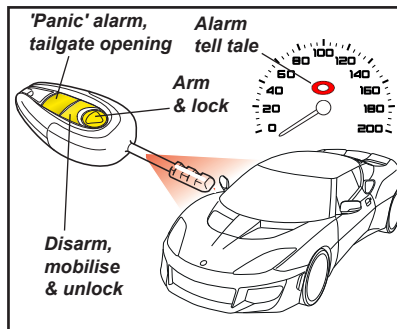




## KEYS & SECURITY ALARM



### ⚠ WARNING

Never leave the car unattended with the key in the ignition switch, especially if unsupervised children and/or animals are in the car. Dangers can arise from imprudent operation of window or other electrical controls or if engine starting attempts are made.

### Transmitter Keys

Two keys are provided combining a mechanical blade with a transmitter 'fob'. The blade is used to operate the ignition switch/steering column lock and the emergency manual door lock via the left hand door. The fob push buttons are used to operate the alarm system and central door locking.

### Vehicle Security Alarm Features

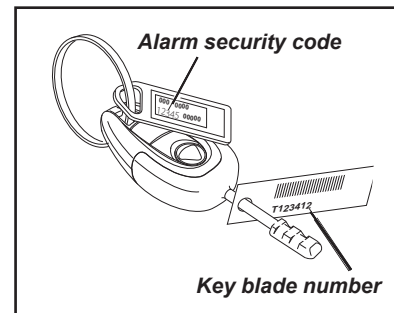
- Passive (automatic) activation of the engine immobiliser.
- Protection on both doors and tailgate.
- Selectable cabin intrusion detection
- Self powered siren to protect if the battery is disconnected.
- Personal protection by 'Panic' activation of the siren.
- Emergency alarm override and transmitter key programming.

### Transmitter Keyfob Range

Normal operation range is up to 5 metres from the car, but this may be reduced by the presence of other radio signals or large metal structures in the vicinity.

### Key Storage

The transmitter keys should be kept separate and a replacement obtained immediately after any loss.



### Transmitter Security Codes

The security codes are supplied on tags attached to the key ring of a new vehicle.

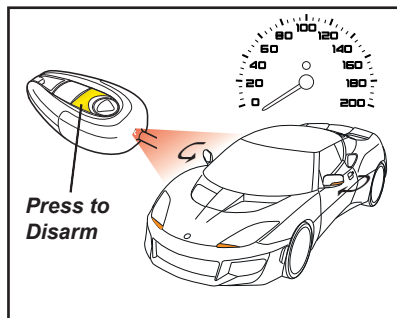
To order more keys it is essential that these numbers are recorded and kept safely.

Memorising the security code will allow the alarm to be overridden in case of key loss or fob failure [see page 22]. If the codes are not available on receipt of the vehicle, immediately enquire with the dealer.






## KEYS & SECURITY ALARM




### Disarming the Alarm/Unlocking Doors

With the vehicle locked and alarm armed, the  alarm tell tale in the speedometer face will flash once every 2 seconds.

To disarm the alarm and unlock the doors press the central fob button. The first press will unlock the driver's door.

After a short pause a second press will unlock the passenger's door.

This command is acknowledged by:

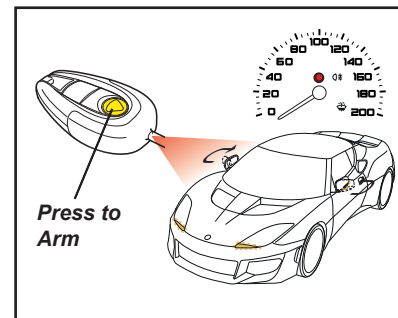
- A double flash of the hazard lamps\*.
- Both door mirrors will unfold returning to the driving setting (see page 37).
- The alarm  tell tale will extinguish.
- The engine will be mobilised.
- The interior lamp will fade on and remain lit for up to 2 minutes (if set to

the 'courtesy' position see page 54).

\*If a theft attempt has been detected the hazard lamps will flash 5 times.



### Auto Re-Arm - (If Fitted)

If a door is not opened within 2 minutes of a disarming command, the alarm system will automatically re-arm.



### Arming the Alarm/Locking the Doors

Remove the ignition key, ensure that both doors and tailgate are closed, press once the Lotus logo button on the fob. Alarm activation will be displayed by:

- A single flash of the hazard lamps.
- The alarm  tell tall will illuminate.
- Both door mirrors will fold inwards, flat against the doors (see page 37).
- Both doors will be locked and after a period of 45 seconds, the engine is immobilised and the alarm system is armed.
- At this time the alarm  tell tale will flash once every 2 seconds.
- The interior lamps (if lit) will fade off.

- Note: If arming the system when a door is not fully shut, three high frequency beeps will sound as a warning and opening a



## KEYS & SECURITY ALARM


door will not trigger the alarm.

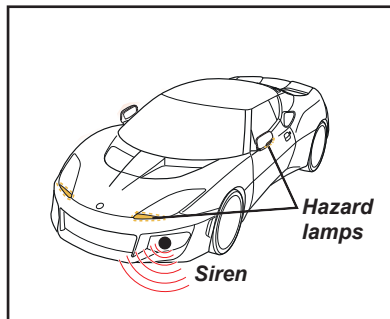
- If arming the system when the tailgate is not fully closed, three low frequency beeps will be heard, opening a door in this instance will trigger the alarm.

When fully armed the alarm will be triggered by any of the following actions:

- Interruption of the car battery power supply or siren cables.
- Opening of a door or the tailgate.
- Movement detected within the cabin (unless interior sensor de-selected).


### Passive (Automatic) Immobilisation

The alarm automatically immobilises the engine after the ignition has been turned off for 60 seconds, or a similar period has elapsed since the last mobilising command. With the ignition off, the alarm  tell tale indicates the engine is immobilised by flashing twice every second. With ignition on, immobilisation is indicated by a continuously lit tell tale. To cancel passive immobilisation if the ignition is on, press any button on the fob, or if the ignition is off, press the center (disarm) fob button.



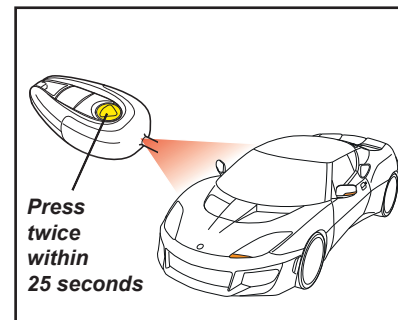
### Triggered Alarm Operation Cycle

If the alarm is triggered, the hazard warning lamps will flash and the siren will sound for a period of approximately 30 seconds before closing down and resetting, ready for any further triggering input. If a trigger is continuously present (e.g. door left open), the alarm will repeat for a maximum of ten 30 second cycles before excluding the triggering sensor for the remainder of the armed period.

The cause of the last alarm triggering cycle can be identified by counting the alarm  tell tale flashes once the alarm has been disarmed and the ignition switch is turned on.

### Alarm Tell Tale Summary

Flash rate	Triggering action
2 flashes	
repeated 5 times:	Door open attempt.
3 flashes	
repeated 5 times:	Ignition circuit.
4 flashes	
repeated 5 times:	Tailgate open attempt/interior sensor activated.

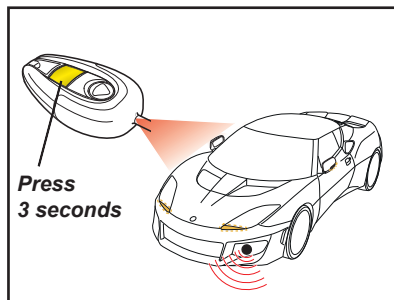


### Turning Off Interior Movement Sensor

Press the Lotus logo button again within 25 seconds of arming the alarm. The hazard warning lamps will flash as confirmation. The sensor will automatically re-activate next time the alarm is armed.



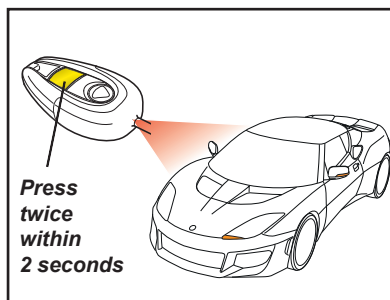
## KEYS & SECURITY ALARM



### 'Panic' Alarm Activation

Press the end button on the fob for 3 seconds. The siren will sound and the hazard lamps flash for a period of 30 seconds.

To stop the siren, press any of the keyfob buttons. Manual siren activation will not affect the alarm system status.



### Opening the Tailgate

*To open:* Press twice within 2 seconds the end button on the fob; the hazard warning lamps will flash once (if the alarm system has been previously armed).

The tailgate latch will release allowing the tailgate to be opened without activating the alarm siren.

**Note:** if the tailgate latch does not release then repeat the procedure but leave a slightly longer time in between button presses (but still complete the procedure within 2 seconds).

*To close:* Ensure to not inadvertently lock the transmitter key in the boot. For additional information on tailgate opening/closing refer to page 77.

**Note:** if previously armed, the alarm system will resume normal operation when the tailgate is manually closed.





## KEYS & SECURITY ALARM

### Emergency Disarming/Mobilising

If the keyfob fails to function and a spare keyfob is not available, the alarm system's security code may be used to disarm the alarm (if access is available to the cabin).

### Procedure


The override procedure can be started once the alarm has been triggered and the first 30 second cycle has been completed.

- The ignition must be turned ON and then OFF within 3 seconds after the alarm has ceased sounding. The alarm  tell tale will extinguish confirming the override procedure can begin.
- 4 seconds after the ignition has been turned off the alarm  tell tale will start a first sequence of 10 flashes.

Example if the security code is **2312**

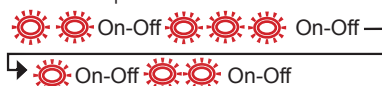



- At the second flash turn the ignition on for 1 second and then turn off.

After 4 seconds the alarm  tell tale will start flashing again.



- At the third flash turn the ignition on for 1 second and then turn off.
- Repeat this process until all 4 digits have been completed.





Note: If your security code contains a '0' digit, this corresponds to 10 flashes of the alarm  tell tale.

- If the code is entered correctly, the alarm will be overridden and the engine mobilised. However, automatic immobilisation will still occur after an ignition off time of 40 seconds, requiring a repeat of the procedure to mobilise.
- If, at any stage, a number is entered incorrectly, the system will immediately revert to the start and the whole security code must be re-entered.

Note: Automatic re-arming (if fitted) of the alarm and automatic door locking cannot occur until a working keyfob is used to operate the alarm.

### Programming Additional Keyfobs

A maximum of 8 keyfobs may be programmed to the car.

1. Ensure that the alarm system is disarmed, turn the ignition ON, but do not start the engine.
2. The alarm  tell tale will flash for 1 second; during this flash period press and hold the Interior Central Door Locking [CDL] Switch for at least 1 second, see page 21 for more details.
3. The alarm siren will emit a low tone beep and the hazard lights will flash twice to confirm the system is in program mode.
4. Press any button on a keyfob to be added, a high tone beep from the alarm siren and a single flash of the alarm  tell tale confirms the key fob has been added.
5. To exit program mode, turn the ignition OFF, a low tone beep of the alarm siren and a single flash of the hazard lights will confirm exit.
6. To program more key fobs, repeat this procedure from step 1.



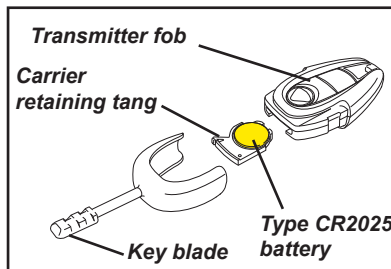
### Lost or Stolen Keyfobs

**IMPORTANT:** Any functional keyfobs will still continue to unlock the vehicle and operate the alarm system. Therefore in the event that a keyfob has been stolen or lost, then the replacement of the vehicles lock set and alarm system is recommended to maintain full vehicle security.

### Disconnecting the Car Battery

Before disconnecting, ensure that the alarm is disarmed in order to prevent its being triggered, then wait for at least **30 MINUTES** after switching off the ignition to allow the ECU and associated sensors to shut down in the correct sequence.

Also refer to the battery section (see page 106) for further information.



### Transmitter Key Battery Replacement

The transmitters are powered by a 3V, CR2025 type Lithium battery, which with normal use should last for 3 years. To ensure correct operation, it is recommended to renew the batteries every 12 months:

- Using a small screwdriver, prise the fob from the key blade carrier utilising the slot provided on the back of the case.
- At the end face of the fob, prise the retaining tang inwards whilst withdrawing the battery carrier from the fob.
- Remove the old battery and wait for 10 seconds before inserting a new battery, with +ve sign lowermost and holding the battery only by its periphery.
- Slide the battery carrier back into the fob, pressing firmly to engage the clip and then clip back onto the key blade.
- The transmitter should now operate normally.

## KEYS & SECURITY ALARM

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 OPERATING IN CONJUNCTION WITH ANY OTHER ANTENNA OR TRANSMITTER.