Keys and remote controls

PRINCIPLE OF OPERATION
The security system and entry to the vehicle are controlled by the Jaguar Smart Key. Both doors and the luggage compartment can be locked and unlocked using the remote control buttons.

Keyless entry is an enhancement of the Jaguar Smart Key. It allows entry to the vehicle without any button pressing.

Full security integrity of the vehicle is still maintained.

The remote control also allows the vehicle to be started without the use of an ignition key. See KEYLESS STARTING (page 130).

Two handsets, comprising of a transmitter body with a detachable metal emergency key blade are supplied. Separate emergency key blades are available from Jaguar Dealers/Authorised Repairers.

CAUTIONS

- Remove all remote controls from the vehicle when it is left unattended. This will ensure the vehicle is left in a secure condition.

GENERAL INFORMATION ON RADIO FREQUENCIES

Note: The radio frequency used by your Jaguar Smart Key may be used by other devices. For example: amateur radios, medical equipment, wireless headphones, or other remote control devices. This may cause the frequency to be jammed, and prevent your Jaguar Smart Key from operating correctly.

Environmental conditions can affect the operation of your Jaguar Smart Key and the operating range may vary considerably depending on the vehicle’s location.

If a remote control is lost, a replacement can be obtained and programmed to the vehicle by a Jaguar Dealer/Authorised Repairer. Notify a Jaguar Dealer/Authorised Repairer as soon as a remote control is lost or stolen and have the remaining remote control(s) reprogrammed.

The emergency key blade number is recorded on an attached label. Peel off the label and attach it to the designated area on the Security Card supplied in the vehicle literature pack. Keep the Security Card safe, but not in the vehicle.

CAUTIONS
Keys and remote controls

USING THE REMOTE CONTROL
Some features of the remote control can be programmed via the touch-screen settings. See PROGRAMMING THE REMOTE CONTROL (page 21).

Unlocking and disarming the vehicle

- **One press**: Unlocks all doors and the luggage compartment. The direction indicators will flash twice.

Two stage unlocking

- **One press**: Unlocks the driver’s door and the luggage compartment. The direction indicators will flash twice (in certain markets two audible warnings will be emitted).

- **Two presses (within three seconds)**: Unlocks the passenger door.

The door mirrors will unfold if this option is selected using the touch-screen. See EXTERIOR MIRRORS (page 84).

**Note**: The door mirrors will not unfold if they have been folded via the door mirror switches.

**Note**: Changing from central locking to two stage locking and back again can be carried out by pressing the lock and unlock buttons simultaneously for four seconds or via the touch-screen. See PROGRAMMING THE REMOTE CONTROL (page 21). The direction indicators will flash twice to confirm that the change has been carried out.

Press and hold the button to activate global opening, if enabled. See PROGRAMMING THE REMOTE CONTROL (page 21). This opens all windows as well as the programmed door opening.

1. Unlock.
2. Lock.
3. Luggage compartment release.
5. Panic button.
7. Emergency key blade release button.
Keys and remote controls

Locking, double-locking and arming the alarm

**One press:** Locks all doors, luggage compartment and sets the alarm system. The direction indicators will flash once (in certain markets an audible warning will be emitted).

**Two presses (within three seconds of first press):** Double-locks all doors and sets the alarm system to provide the highest level of security - use whenever possible.

The direction indicators will flash once for lock and an additional long flash for double-lock. In certain markets, two warning tones will indicate that the doors are doubled-locked.

*Note: The interior door handles are immobilised.*

**Press and hold:** Globally closes the vehicle’s windows, if enabled. See PROGRAMMING THE REMOTE CONTROL (page 21).

**WARNING**

Double-locking should never be used when persons or animals are to remain inside the vehicle. In an emergency they would not be able to escape.

The door mirrors will fold back if the powerfold option is selected using the touch-screen setting. See EXTERIOR MIRRORS (page 84).

Unlocking the luggage compartment

Press to open the luggage compartment lid. When the vehicle alarm system is armed and the luggage compartment only is opened, the door and bonnet security is still active. The doors will remain locked and armed. See LOCKING AND UNLOCKING (page 23).

Activating the convenience headlamps

Press to switch on the headlamps. The headlamps will remain on for 25 seconds, or until the button is pressed again, or until the engine START/STOP button is pressed.

Activating the panic alarm

Press and hold the panic button for three seconds or press the button three times within three seconds.

The horn and hazard warning lamps will operate.

The alarm is stopped by:
- Pressing the button again three times within three seconds.
- Inserting the Jaguar Smart Key into the starter control unit.
- The vehicle detecting a valid Jaguar Smart Key when the START/STOP button is pressed.

*Note: The panic alarm cannot be cancelled within the first five seconds of the alarm activating.*
Keys and remote controls

Releasing the emergency key blade

To extract: press the release button and hold while withdrawing the key blade.

To insert: press and hold the button and push the key blade into the Jaguar Smart Key transmitter housing.

The key blade operates the door lock on the left-hand side of the vehicle, the luggage compartment lock and glove compartment lock. See USING THE KEY (page 19).

Care of the remote handset

Do not expose to extremes of heat, dust, humidity or allow contact with fluids. Do not leave the transmitter exposed to direct sunlight.

Irregular remote control operation

If difficulty is experienced with remote keyless entry, passive entry, passive starting or Jaguar Smart Key operation, it may be caused by:

- Internal battery low voltage and therefore the battery should be replaced. See CHANGING THE REMOTE CONTROL BATTERY (page 20). or
- High levels of localised external electrical interference e.g. radio transmitter.

Until the battery can be replaced, or until the vehicle is outside the local electrical interference zone, the Jaguar Smart Key can be inserted into the starter control unit. See DOCKING/UNDOCKING THE JAGUAR SMART KEY (page 17).

Coded keys

This vehicle is equipped with a Passive Anti-Theft System (PATS) which prevents it from being driven away by an unauthorised person.

A sophisticated decoding process is used to validate the Jaguar Smart Key. The engine can only be started by the key that is programmed to the vehicle electronic systems.
Docking the Jaguar Smart Key

1. Lift the lid of the centre console stowage compartment.
2. Slide open the cover of the starter control unit.
3. Insert the Jaguar Smart Key into the recess with the emergency key release button facing forward.

Note: This is not a Jaguar Smart Key internal battery recharging procedure. The battery is non-rechargeable.

Undocking the Jaguar Smart Key

To remove the Jaguar Smart Key from the starter control unit:

1. Ensure that the vehicle is at rest with the gear selector in the P position and the engine not running.
2. Carefully depress the Jaguar Smart Key and release. The key will eject into its rest position.
3. Remove the Jaguar Smart Key from the starter control unit.
Keys and remote controls

Message centre information displays

<table>
<thead>
<tr>
<th>Message</th>
<th>Warning indicator</th>
<th>Priority indicator</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMART KEY NOT FOUND, PLEASE INSERT IN SLOT</td>
<td>None</td>
<td>None</td>
<td>The Jaguar Smart Key has not been detected, insert into the starter control unit.</td>
</tr>
<tr>
<td>CHECK SMART KEY</td>
<td>None</td>
<td>None</td>
<td>Check that the Jaguar Smart Key is in the vehicle.</td>
</tr>
<tr>
<td>WRONG SMART KEY FOUND</td>
<td>None</td>
<td>None</td>
<td>The Jaguar Smart Key detected by the in-vehicle systems is not the one belonging to the vehicle.</td>
</tr>
<tr>
<td>REMOVE SMART KEY</td>
<td>None</td>
<td>None</td>
<td>Remove the Jaguar Smart Key from the starter control unit.</td>
</tr>
</tbody>
</table>

JAGUAR SMART KEY SYSTEM TRANSMITTERS

1. Cabin front transmitter.
2. Keyless vehicle module.
3. Cabin rear transmitter.
4. Exterior door handle transmitters.
5. Luggage compartment interior transmitter.
6. Luggage compartment exterior transmitter.

WARNING
Any person fitted with an implanted medical device should ensure that the device is kept at a distance of at least 22 cm (8.7 inches) away from any transmitter mounted in the vehicle. This is to avoid any possibility of interference between the system and device.
Keys and remote controls

USING THE KEY

Emergency key blade use

Remove the left-hand door lock cover by inserting a suitable tool into the slot on the underside of the cover. Push upwards and twist to release the cover retaining clips. Insert the key blade into the exposed lock.

To refit the door lock cover, reposition the top of the cover, locating it over the upper tab. Keeping the top of the cover in position, push firmly on the right-hand end and then the bottom of the cover, so that it clicks into place.

Note: Ensure that the emergency key blade is kept safely at all times.

To lock the vehicle

Ensure all the doors are closed, then turn the key blade towards the front of the vehicle and release.

This will lock the doors and the luggage compartment, but will not arm the alarm.

To unlock the vehicle

Turn the key blade towards the rear of the vehicle and release. If the security system is disarmed, all doors and the luggage compartment will be unlocked. If the security system is armed, only the front left-hand door will unlock. The interior lighting will be turned on at a reduced level for two minutes.

If the vehicle is unlocked using the emergency key blade with the security system armed, the alarm will sound when a door is opened. To deactivate the alarm, press the unlock button on the Jaguar Smart Key or dock the Jaguar Smart Key into the starter control unit. See USING THE REMOTE CONTROL (page 14). Alternatively, press the engine START/STOP button. The direction indicators give two flashes (in certain markets two audible warnings will be given).

Valet mode

Valet mode allows the vehicle to be parked by a parking attendant who can lock the vehicle after parking, but cannot open the luggage or glove compartments.

The key blade is used to lock the glove compartment. Use the touch-screen to set the valet mode and secure the luggage compartment. See PROGRAMMING THE REMOTE CONTROL (page 21).
CHANGING THE REMOTE CONTROL BATTERY

Battery renewal

To renew the battery, follow the procedure below:

1. Remove the key blade from the Jaguar Smart Key. See USING THE REMOTE CONTROL (page 14).

2. Remove the two side covers, one at a time, by inserting a small, flat-bladed, screwdriver between the cover and body and twist the screwdriver.

3. Insert a small, flat-bladed, screwdriver between the two body halves of the remote handset. Apply light pressure to the screwdriver and separate the two halves.

4. Remove the printed circuit board, taking care not to touch the battery terminals. Remove the old battery and dispose of it safely.

5. Fit a new battery cell, type CR2032 (available from your Jaguar Dealer/Authorised Repairer), with the side marked with the positive symbol (+) downwards in the battery receptacle. Avoid touching the new battery as moisture and oil from the fingers can reduce the life of the battery and corrode the contacts.

Refit the parts in the reverse order making sure that they click securely into place.

When the battery needs renewing there will be a significant decrease in the effective range of the key transmitter and the message SMART KEY BATTERY LOW is displayed on the message centre.
Keys and remote controls

PROGRAMMING THE REMOTE CONTROL

The remote handset, Jaguar Smart Key, and various features of the vehicle security system can be programmed to your individual requirements by use of the touch-screen. The programmable features are as follows:

- Drive-away locking.
- Central or two stage locking.
- Sensor override.
- Window global open or close, passive entry vehicles only.
- Valet key mode.

Selecting drive-away locking
From the touch-screen Home menu, select Vehicle:

1. Select Veh. settings.
2. The Security menu is displayed automatically as the default.
3. Scroll down to Drive away locking and select either On or Off.

Selecting central or two stage locking
From the touch-screen Home menu, select Vehicle:

1. Select Veh. settings.
2. The Security menu is displayed automatically as the default.
3. Select 2 stage unlock On or Off.

Selecting intrusion-tilt sensor
From the touch-screen Home menu, select Vehicle:

1. Select Veh. settings.
2. The Security menu is displayed automatically as the default.
3. Select Intrusion/tilt On or Off.
Keys and remote controls

This will override the interior and tilt sensors until the engine is next started. It is normally used for recovery of the vehicle or when travelling on a ferry.

Selecting global opening or closing
From the touch-screen Home menu, select Vehicle:
1. Select Veh. settings.
2. The Security menu is displayed automatically as the default.
3. Scroll down to Global open or Global close and select either On or Off.

Valet mode
From the touch-screen Home menu, select Vehicle:
1. Select Veh. settings.
2. The Security menu is displayed automatically as the default.
3. Select Valet mode.
4. Enter a four digit Personal Identification Number (PIN) (personally chosen) by touching the digit screen pad. On completion touch the OK button. The screen indicates that the PIN has been accepted by displaying Valet on. If you wish to cancel the PIN, touch the C button at any time during entering the number.

- Using the key blade, lock the glove box.
- The luggage compartment is now securely locked in the valet mode.
- On exiting and securing the vehicle, hand the Jaguar Smart Key, less the key blade, to the attendant.

Note: Ensure that the emergency key blade is kept safely at all times.

De-selecting valet mode: When entry into the vehicle has been gained, access the Valet mode screen.

1. Enter your four digit PIN and touch the OK button. The screen will indicate that your PIN has been accepted by displaying Valet off.
2. The luggage compartment will return to the previously set security requirement.
3. Unlock the glove box using the key blade.
4. Insert the key blade into the Jaguar Smart Key.

Note: If the PIN number has been forgotten, the luggage compartment can be unlocked by using the key blade in the luggage compartment lock. This will cancel the valet mode. See LOCKING AND UNLOCKING (page 23).