



SECURITY SYSTEM





BY APPOINTMENT TO
HER MAJESTY QUEEN ELIZABETH II
MANUFACTURERS OF DUMLER AND JAGUAR CARS
JAGUAR CARS LIMITED COVENTRY



BY APPOINTMENT TO
HER MAJESTY QUEEN ELIZABETH
THE QUEEN MOTHER
MANUFACTURERS OF DUMLER AND JAGUAR CARS
JAGUAR CARS LIMITED COVENTRY



BY APPOINTMENT TO
HIS ROYAL HIGHNESS THE PRINCE OF WALES
MANUFACTURERS OF DUMLER AND JAGUAR CARS
JAGUAR CARS LIMITED COVENTRY

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SECURITY SYSTEM

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The information contained herein applies to a range of vehicles and not to a specific vehicle. For the specification of a particular vehicle owners should consult their Jaguar Dealer.

Certain words and phrases are used throughout this Handbook which are defined as follows:-

- **Perimeter sensing** – Security protection to detect the unauthorised opening of doors, luggage compartment and bonnet (Not bonnet in USA and Canada).
- **Intrusion sensing** – Security protection against anyone attempting to enter the vehicle's interior, or breaking a window or the windscreen.
- **Tilt sensing** – Security protection to prevent the vehicle being jacked up by someone attempting to steal the wheels or tilted for unauthorised tow-away.
- **Deadlocking** – Additional theft protection feature which, when activated prevents the vehicle doors being opened by the interior release mechanisms.
- **Dealer fit** – A security system feature which, at the customer's request, can be fitted to the vehicle by a Jaguar Dealer.
- **Dealer option** – A security system feature which is installed in the system in an inactive state which, at the customer's request can be activated by a Jaguar Dealer.

Note: Certain security system features can at the customer's request, be de-activated by a Jaguar Dealer.

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SECTION 1

Security System Features

Your Jaguar Dealer will explain and demonstrate the features of the Security System in your vehicle.

The system has the following features, as standard:

- Two-button radio frequency remote key-ring transmitter, with flashing indicators (Not available in some markets).
- Engine immobilisation by electronic device in ignition key head (United Kingdom and Europe only).
- Intrusion and glass breakage sensing (United Kingdom and Europe only).
- Vehicle perimeter sensing for doors, luggage compartment and bonnet (Not bonnet in USA and Canada).
- Tilt sensing to prevent tow-away theft or unauthorised jacking of the vehicle. (Dealer fit in certain markets)
- Passive arming of the vehicle (Dealer option in certain markets).
- Warning labels on side windows where perimeter sensing is fitted.
- Drive-away locks (All markets except Japan).
- Two-stage unlock (USA and Canada only).
- Deadlocking (All markets except USA, Canada and Japan).
- Central locking.
- Remotely operated panic alarm (USA and Canada as standard – Dealer option elsewhere).

In addition, the system offers the following convenience features.

- Driver's position memory select, by remote key-ring transmitter.
- Luggage compartment lock isolate (valet) switch.
- All close – Sunroof and window closing after all doors are locked, with the key.
- Remotely operated headlamp convenience (Dealer option in certain markets).
- Key-ring transmitter luggage compartment lid release (Dealer option in certain markets).

Note: USA market – The radio frequency remote system operates on a frequency subject to USA Federal Communications Commission (FCC) rules.

The devices comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. The devices may not cause harmful interference.
2. The devices must accept any interference received including interference that may cause undesired operation.

Note: The manufacturer is not responsible for any radio interference or TV interference caused by unauthorised modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Radio Frequency Remote Key-ring Transmitter

The Security System is controlled remotely, by a radio frequency, battery-operated key-ring transmitter. This locks and unlocks all doors and the luggage compartment and sets or disarms the security system alarm.

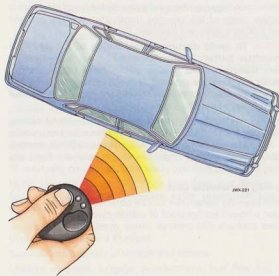
Two transmitters are supplied with each vehicle and are designed to be attached to the driver's key-ring.

The key-ring transmitter is activated by pointing it towards the vehicle and pressing one of the two operating buttons; the large button locks the vehicle and sets the security system alarm, whilst the small button unlocks the vehicle and disarms the security system alarm. When either one of the buttons is pressed, an indicator light on the key-ring transmitter flashes; red for the large button, green for the small button.

Caution: Should a driver lock or unlock the vehicle more than 10 times within a 40 second period, further operation will be inhibited for approximately 20 seconds to prevent over-heating the actuating electronics.

Care of Key-ring Transmitters

The key-ring transmitters must be treated with care and not submitted to extremes of heat or humidity. The batteries are the only serviceable part.



Key-ring Transmitter Battery Renewal

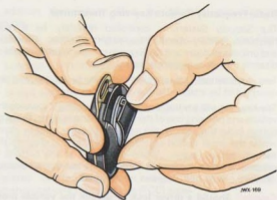
To ensure that the key-ring transmitter operates at its full capacity, use CR 2016 batteries (or equivalent). When the batteries need renewal there will be a noticeable reduction in the effective range of the key-ring transmitter, and the red and green indicator lights will flash less brightly.

Caution: To avoid disrupting the coding of the key-ring transmitter, battery renewal must be accomplished within a two minute period, during which time the operating buttons must not be pressed. If these instructions are not followed precisely, it will be necessary to re-programme the key-ring transmitter.

To renew the batteries, carefully prise off the circular battery cover 'A' with a slim blade and remove the twin disc battery cells 'B'. Fit two new cells with the side marked with the positive symbol (+) uppermost, under the spring retainer. Refit the battery cover and click into place with light thumb pressure.

Key-ring Transmitter Loss

A new key-ring transmitter can be obtained from your Jaguar Dealer, who will ask for proof of vehicle ownership.



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Door locking/unlocking using key – Driver's or passenger's door (All markets except USA, Canada and Japan)

Note: Ensure that the keys and the key-ring transmitter are removed from the vehicle before locking the doors.

The security system will not arm if the key is in the ignition switch.

To lock and set alarm (perimeter only)

Turn key towards front of vehicle and release.

Locks all doors, luggage compartment, fuel filler flap and sets alarm system.

Holding the key in the lock position for one and a half seconds closes all open windows and sunroof.

To deadlock, set alarm (perimeter, tilt, if fitted, and intrusion)

Turn key towards rear of vehicle then turn key to front of vehicle within three seconds.

Deadlocks all doors, locks luggage compartment, fuel filler flap and sets alarm system. Once deadlocking is completed, the sounder will give one audible tone.

Holding the key in the lock position for one and a half seconds closes all open windows and sunroof.



WARNING: Deadlocking should not be used when persons, or animals are inside the vehicle.

It will not be possible to deadlock the vehicle under the following conditions:

- If any door is open.
- If the ignition key is in the ignition switch.
- If the ignition key has not been switched from position 'I' to 'OFF' and the driver's door has not been subsequently closed.

To unlock and disarm alarm system (United Kingdom and Europe only)

Turn key towards rear of vehicle and release.

Unlocks all doors and the fuel filler flap. When the vehicle is unlocked in this manner, an audible ticking will be heard. This is a warning to indicate that the vehicle alarm will activate after 30 seconds, if the security system is not disarmed with either the key-ring transmitter or by switching the ignition key to position 'II'.

Note: Unlocking with the door key does not disarm the security system, this provides extra protection against thieves.

To unlock and disarm alarm system (All markets except United Kingdom and Europe)

Turn key towards rear of vehicle and release.

Unlocks all doors, luggage compartment, fuel filler flap and disarms the alarm system (if fitted). It also turns on the interior lights for 15 seconds.

Driver's or passenger's door locking using key (USA and Canada)

Note: The security system will not arm if the key is in the ignition switch.

To lock and set alarm system

Turn key towards front of vehicle and release.

Locks all doors, luggage compartment, fuel filler flap and sets alarm system.

Holding the key in the lock position for one and a half seconds closes all open windows and sunroof.

To unlock driver's door only

Turn key towards rear of vehicle and release.

Unlocks driver's door and fuel filler flap only, disarms alarm system and turns on interior lights for 15 seconds.

To unlock all doors

Turn key towards rear of vehicle and hold for one and a half seconds.

Unlocks all doors, luggage compartment, fuel filler flap and disarms alarm system and turns on interior lights for fifteen seconds.

Door locking/unlocking using key – Driver's or passenger's door (Japan only)

Note: The security system will not arm if the key is in the ignition switch.

To lock and set alarm

Turn key towards front of the vehicle and release.

Locks all doors, luggage compartment, fuel filler flap and sets alarm system if security system is fitted.

Holding the key in the lock position for one and a half seconds closes all open windows and sunroof.

To unlock and disarm alarm system

Turn key towards rear of vehicle and release.

Unlocks all doors, luggage compartment, fuel filler flap and disarms alarm system (if fitted). It also turns on the interior lights for 15 seconds.



Key-ring Transmitter Operation

Key-ring transmitter 1 is dedicated to driving position memory one, and key-ring transmitter 2 to driving position memory two.

The remote luggage compartment release feature (if fitted) will be inhibited if the ignition key is in the ignition switch.

The remote headlamp convenience feature (if fitted) will be inhibited if the ignition key is in position 'I'.

Key-ring Transmitter Operation – Button Functions (All markets except USA, Canada and Japan)

Note: The security system will not arm if the key is in the ignition switch.

Large button (Red light) (Locking and arming)

First press if vehicle is unlocked and disarmed: Locks all doors, luggage compartment, fuel filler flap and sets alarm system (perimeter – if fitted). The direction indicators will flash once whilst locking and arming occurs. The red warning light which is situated in the central locking switch comes on for about two seconds, then when the vehicle is secured starts to flash.

Second press: Deadlocks doors and sets alarm system (intrusion and tilt, if fitted) if pressed within three seconds of first press.



WARNING: Deadlocking should not be used when persons, or animals are inside the vehicle.

Third press: Headlamps come on for 25 seconds (if headlamp feature is fitted).

Note: The headlamps will also come on if the large button is pressed whenever the vehicle is locked or deadlocked.

Small button (Green light) (Unlocks and disarms)

First press if locked and armed: Unlocks all doors, luggage compartment and fuel filler flap. Disarms security system alarm and switches on interior lights for 15 seconds. It also cancels the luggage compartment valet lock-out, if set, and recalls the memory position of the driver's seat, steering column and door rear view mirrors, if memory system is fitted. Two audible signals will be heard and the direction indicators will flash twice whilst the vehicle is unlocked and disarmed.

Second press: Releases luggage compartment if pressed within 10 seconds of releasing the first press.

Press and hold for three seconds: Panic feature (where fitted – see page 13).

Note: Unlocking with the door key does not disarm the security system, this provides extra protection against thieves.

Key-ring transmitter Operation – Button Functions (USA and Canada)

Note: The security system will not arm if the key is in the ignition switch.

Large button (Red light) (Locking and arming)

First press if vehicle is unlocked and disarmed: Locks all doors, luggage compartment, fuel filler flap and sets alarm system (perimeter and tilt, if fitted). If the vehicle is locked and armed it will turn the headlamps on for 25 seconds (if headlamp feature is fitted). An audible signal will be heard and the side lights will flash once whilst locking and arming occurs. The red warning light in the central locking switch will come on for approximately for two seconds, then when the vehicle is secured, it will start to flash.

Second press: Headlamps come on for 25 seconds (if headlamp feature is fitted).

Press and hold for three seconds: Panic feature (see page 13).

Small button (Green light) (Unlocking and disarming)

First press: Unlocks driver's door, fuel filler flap, disarms the alarm system and switches on interior lights for 15 seconds. It also cancels the luggage compartment valet lock-out, if set, and recalls the memory position of the driver's seat, steering column and door rear view mirrors, if memory system is fitted. Two audible signals will be heard and the side lights will flash twice whilst the vehicle is unlocked and disarmed.

Second press: Unlocks all passenger doors.

Third press: Releases luggage compartment if pressed within 10 seconds of releasing the second press (if remote luggage compartment lid release feature is fitted).

Press and hold for three seconds: Panic feature (see page 13).

Key-ring Transmitter Operation – Button Functions (Japan only)

Note: The security system will not arm if the key is in the ignition switch.

Large button (Red light)

First press: Locks all doors, luggage compartment, fuel filler flap and sets alarm system (if fitted). Switches on headlamps for 25 seconds if vehicle is locked and armed (if headlamp feature is fitted).

Second press: Switches on headlamps for 25 seconds (if headlamp feature is fitted).

Small button (Green light)

First press: Unlocks all the doors, luggage compartment and the fuel filler flap. Disarms the security system alarm, if fitted, and switches on interior lights for 15 seconds. It also cancels the luggage compartment valet lock-out, if set, and recalls the memory position of the driver's seat, steering column and door rear view mirrors, if memory system is fitted.

Second press: If pressed within 10 seconds of releasing the first press it unlocks the luggage compartment (if remote luggage compartment lid release feature is fitted).

Press and hold for three seconds: Panic feature (see page 13).

Drive-away Door Locking (All markets except Japan)

This facility locks all the doors and luggage compartment if they are unlocked as soon as the gear lever is moved out of the 'PARK' position. For this feature to operate the ignition switch must be in position 'II'.

Whilst driving, all the doors can be unlocked by either pressing the central locking button, by lifting the driver's or passenger's door sill button or pulling the front door interior release lever.



WARNING: When the interior door release lever is pulled the door will unlatch.

Note: With Drive-away door locking the fuel filler flap remains unlocked.

Central Locking Switch

With the ignition switch in either position 'I' or 'II', press the central locking switch to lock all the doors and the luggage compartment, if they are unlocked.

Continue to hold the switch down for three seconds to close any open windows and the sunroof.

A further press on the central locking switch after three seconds will unlock the doors and luggage compartment.

If the central locking switch is pressed when the ignition switch is not in position 'I' or 'II', the security system's tilt and intrusion sensors, if fitted, will not operate for one arming period. The light in the central locking switch will flash to indicate that this has occurred.

Fuel Filler Flap

The fuel filler flap is only locked and unlocked in conjunction with the use of the door key or the key-ring transmitter.

Engine Immobilisation

In certain markets the ignition key has an engine immobilising device in the plastic head. Engine immobilisation occurs automatically when the ignition key is in the switch and turned to position '0'.

Caution: Should the immobilising type ignition key be lost, a new key must be obtained from a Jaguar Dealer and programmed to the vehicle.

Alarms and Audible Signals

Note: In certain markets, legislation prohibits the use of alarms and audible signals. In such cases, the sound source has been removed from the system.

Full Alarm

Once armed, any of the following circumstance will create a full alarm state:

- Opening a door.
- Opening the luggage compartment.
- Opening the bonnet (not USA and Canada).
- Entering the passenger area through a broken window (if intrusion sensors are fitted).
- If the ignition key is inserted into the ignition barrel.
- Lifting or tilting the vehicle i.e. a tow-away theft attempt (if a tilt sensor is fitted).
- If the Audible Ticking is allowed to continue for more than 30 seconds.

Audible Ticking: (United Kingdom and Europe – Where legislation permits)

Unlocking a door with a key if the vehicle has been actively armed, causes the system to make an audible ticking sound, which gets faster until after 30 seconds it becomes a full alarm.

This mode can be cancelled by disarming the security system.

Tilt Sensing Protection

This feature protects against attempted tow-away theft and unauthorised jacking up of the vehicle. As soon as an attempt is made to tilt the vehicle to tow away or jack the vehicle up, the security system will enter the full alarm state.

Intrusion Sensing

The purpose of this feature is to protect the vehicle from intrusion into the passenger area or removal or breaking of windows.

Error Tone

The sounder gives a short, high-pitched warble every time a button on the key-ring transmitter is pressed, whenever one of the following conditions is present.

1. The luggage compartment or the bonnet is not properly closed when an attempt to 'arm' the security system is made.
2. The ignition key is in the ignition switch.
3. If there is a failure within the security system.

Remote Headlamp Convenience (Dealer option in certain markets)

This feature is provided to give a period of illumination to assist opening or closing garage doors after dark.

Panic Feature

When in or near the vehicle, the alarm can be set off to deter a would-be offender. This feature will also unlock the doors and fuel filler flap. For this feature to operate, the ignition key must not be in position 'I' or 'II'. The 'Panic Alarm' is set off by:-

- (a) For vehicles in all markets except USA and Canada, pressing and holding the small button on the key-ring transmitter for at least three seconds.
- (b) For vehicles in the USA and Canadian markets, pressing either large or small button on the key-ring transmitter for at least three seconds.

The Panic Alarm will sound for five times the normal full alarm period. The alarm is stopped by turning the ignition key to position 'I' or 'II'.

The key-ring transmitter cannot be used to cancel the Panic Alarm, this prevents unauthorised use.

Battery Tampering Alarm and Restart Procedure

This feature prevents the security system being by-passed by battery disconnection.

If the battery is disconnected during or after a full alarm and before disarming, when it is reconnected the system automatically re-arms and re-enters the full alarm state. The system can then be disarmed in the usual manner.

Security System Shut-down

Should the security system be left armed for a period of approximately 72 hours, the passenger compartment intrusion and tilt sensing protection, if fitted, are shut down in order to reduce the power drain from the vehicle's battery.

Passive Arming (Dealer option in certain markets)

The system, if preset can automatically arm the vehicle alarm 30 seconds after the last protected entry, ie, door, luggage compartment or bonnet was closed following the ignition being switched from position 'I' to 'OFF'.

When passive arming occurs the direction indicators will flash once. The red warning light, which is situated in the central locking switch, comes on for approximately two seconds, then when the vehicle is secured, it starts to flash.

If the system has been armed passively it can be disarmed by either the remote key-ring transmitter, or by switching the ignition to position 'II'.

Note: The security system will not arm if the key is in the ignition switch.

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