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## REMOTE CONTROL KEY* AND IGNITION KEY

### Door Lock Button

**Lock (briefly press)**
- If you press this button briefly, all doors and the tailgate are locked and the theft deterrent mode is activated.
- When the theft deterrent mode is activated, the hazard warning flashers blink twice.

### Door Unlock/Panic Button

1. **Unlock (briefly press)**
   - If you press this button briefly, all doors and the tailgate are unlocked and the theft deterrent mode is deactivated.
   - When the deterrent mode is deactivated, hazard warning flashers blink once.

2. **Panic function (press and hold)**
   - If you are in your vehicle and feel threatened while the ignition key is inserted into the key switch, you may activate the alarm to call attention. If you press this button, the warning siren will sound for approx. 27 seconds.
   - The panic function will stop when any of the buttons on the remote control key is pressed.

### PANIC BUTTON
(operative only when the ignition key is inserted)
FUNCTIONS OF IMMOBILIZER

Immobilizer Function
The immobilizer is designed to prevent the possibility of vehicle theft by allowing only authorized keys to start the engine. The same code is encrypted in the transponder inside of the key and in the Engine Control Unit (ECU). When the key is inserted and turned to the “ON” position, the ECU checks the code from the key and allows the engine to start only when the two codes are matched.

CAUTION
- The key and the immobilizer antenna coil should be avoided from any electronic or magnetic equipment which may interfere with the transponder. This may cause malfunctions of the immobilizer function of the key.

SIMULTANEOUS OPERATIONS OF ROOM LAMPS

The front and center room lamps come on for 30 seconds when the unlock button on the remote control is pressed and hold. The lamps immediately go off when the remote lock button is pressed.

AUTOMATIC DOOR LOCKING

If a door is not opened within 30 seconds after unlocking the door with the remote control key, all the doors will be locked automatically.

NOTE
- Standard key does not have the remote control function.
- In case of the remote control key, some keys come with the immobilizer and battery as an optional package.
REMOTE CONTROL KEY FUNCTIONS

PANIC BUTTON

1. Panic Function

- If you are in your vehicle and feel threatened while the ignition key is inserted into the key switch, you may activate the alarm to call attention. If you press this button, the warning siren will sound for approx. 27 seconds.
- The siren will stop when any of the buttons on the remote control key is pressed.

NOTE
The alarm sounds only when the ignition key is inserted into the key switch hole.

CAUTION
- The doors cannot be locked by remote control if they are not closed.
- The electronic device inside the remote control is very susceptible to moisture or heat. Please avoid any hot or humid places to minimize any malfunctions.

DOOR LOCK/UNLOCK BUTTON

1. Lock (Briefly Press)

- If you press this button, all doors are locked and the theft deterrent mode is activated.
- When the theft deterrent mode is activated, the emergency hazard lights blink twice.

2. Unlock (Press and Hold)

- If you press and hold this button for about 2 seconds, it unlocks all doors and releases the theft deterrent mode.
- When the deterrent mode is deactivated, the emergency hazard lights blink once.
- The front and center room lamps come on for 30 seconds when the doors are unlocked with the remote control key.
BATTERY REPLACEMENT

When the operational distance noticeably decreases or the remote control does not work occasionally, replace the battery with a new one.

Battery Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>CR 2032</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amount</td>
<td>One</td>
</tr>
</tbody>
</table>

⚠️ CAUTION

- Use only the specified battery.
- Make sure that the battery is installed in correct direction.

1. Unscrew two screws from the rear cover.

2. Pry off the cover by using a small flat screwdriver.

3. Remove the battery and insert a new one.

Battery Replacement

Model: CR2032

When the operational distance noticeably decreases or the remote control does not work occasionally, replace the battery with a new one.

Battery Specifications

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**KEY FUNCTIONS**

**ACC Position**
- Allows operation of some electrical accessories with the engine off.
- Unlock the steering wheel.
- The ignition key cannot be removed.

**LOCK Position**
- The ignition key can only be inserted or withdrawn.
- The steering wheel can be locked.

**ON Position**
- The engine runs and all electrical accessories can be used.
- The steering wheel is unlocked.

**START Position**
- Engages the starter. After the engine starts, release the key and it will automatically return to the "ON" position.

**Unlocking the Steering Wheel**
To unlock the steering wheel, insert the key and gently turn it to the ACC or ON position while slightly moving the steering wheel right and left.

**Key Hole Illumination**
- The illumination lamp comes on when opening the door. This lamp goes out about 10 seconds after closing the door.

**Key Reminder**
The buzzer will sound if the driver’s door is opened while the key is left in the ignition switch on the condition that the ignition key is in the ACC or ON position.

**From ACC to LOCK Position:**
Turn the key to LOCK position from ACC position while pressing the key.
CAUTIONS WHEN STARTING THE ENGINE

- To unlock the steering wheel, insert the key and gently turn it to the “ACC” position while slightly moving the steering wheel right and left.
- The engine in a manual transmission equipped vehicle can only be started when the clutch pedal is fully depressed.
- Diesel engine equipped vehicle: Turn the ignition key to the “ON” position and wait until the glow indicator goes out. After then, turn the ignition key to the “START” position and hold it until the engine starts. But do not hold the ignition key at the “START” position for more than 10 seconds.
- The engine in an automatic transmission equipped vehicle can be started only when the selector lever is at the “P” or “N” position.
- Keep the brake pedal depressed when starting the engine.
- If the engine fails to start, even if the engine does not start, turn the key back to the “LOCK” position and wait for 10 seconds. Then try again, before any attempt to start the engine.
- After starting the engine, let it run for approx. 2 minutes at idle speed. Do not accelerate the engine during the warming up period.
- A warning buzzer sounds when opening the driver’s door with the key positioned at the “ACC” or “LOCK” position.
- Do not leave the key at the “ACC” or “ON” position when engine is not running. Otherwise, the battery could run down.
- Never press down the accelerator pedal while starting.
- Do not operate the starter for more than 10 seconds at a time. (The starter motor may be damaged.)
- To prevent any damage to the starter, restart the engine from the “LOCK” position after waiting at least 10 seconds.
- Never turn the key to the “LOCK” position or withdraw the ignition key from the ignition switch while driving. The steering wheel will be locked and you may end up with serious injuries.
- Never use any duplicated key not provided from Ssangyong.
  The duplicated key might not turn back to the “ON” position. It may cause a fire due to an overload in the electric circuit. In addition, the engine with the immobilizer system cannot be started with the duplicated key.
The Immobilizer System provides an additional theft deterrent to the vehicle in which it is installed and prevents it from being started by unauthorized persons. The transponder integrated in the key and the engine control unit have the same code. When the ignition key with the integrated transponder is turned to the ON position, the ECU (Engine Control Unit) checks the crypto code of the key and, if correct, allows your vehicle to start the engine.

**Immobilizer Key**

When the ignition key with the integrated transponder is turned to the ON position, the ECU (Engine Control Unit) checks the crypto code of the key and, if correct, allows your vehicle to start the engine.

**Immobilizer Indicator**

This indicator comes on when the ignition key is communicating with the engine control unit (during engine starting) and goes out after starting the engine. If this indicator blinks, it may indicate that there is something wrong in the immobilizer system. Have the system checked by a Ssangyong Dealer or Ssangyong Authorized Service Center.

**NOTE**

The time needed for communication between the immobilizer key and ECU can vary. When the time is very short, the immobilizer indicator does not come on.

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**IMMOBILIZER SYSTEM***

### Battery

### Transponder

### Key plate

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**IGNITION KEY, REMOTE CONTROL KEY**

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• **When the Transponder is Damaged**
  When the transponder is damaged, you must replace it with a new one and register a new code on the engine control unit at a Ssangyong Dealer or Ssangyong Authorized Service Center. Otherwise, the engine cannot be started.

• **When Your Key is Lost**
  When your key is lost, the encrypted code should be removed from the Engine Control Unit to avoid any vehicle theft. Please contact a Ssangyong Dealer or Ssangyong Authorized Service Center.

  **WARNING**
  • In any case, the immobilizer system cannot be removed from the vehicle. If you attempt to remove and damage the system, it is impossible to start the engine. So never attempt to remove, damage or modify it.
  • In addition, any remote engine starter cannot be installed to the vehicle equipped with the immobilizer system. So never install any remote engine starter.

  **CAUTION**
  • When you modify your vehicle and install a remote engine starter, you may have some problems starting the engine or some fatal accidents.

  **CAUTION**
  • If the indicator remains blinking, have the immobilizer system checked by a Ssangyong Dealer or Ssangyong Authorized Service Center.
  • Avoid impact to the transponder inside of the key. The transponder can be damaged.
  • With a damaged transponder, the engine cannot be started.
  • The immobilizer system should be inspected, replaced, serviced, or coded by only qualified service personnel in a Ssangyong Dealer or Ssangyong Authorized Service Center.
  • When an old code should be replaced or another key is added, please observe the process personally.

In the following cases, you may be unable to start the vehicle with the immobilizer.

- When two or more immobilizer keys come into contact with (each) other(s).
- When the key is close to any device sending or receiving electromagnetic fields or waves.
- When the key is close to any electronic or electric devices such as lighting equipment, security keys or security cards.
- When the key is close to a magnetic or metal object or a battery.
OPENING AND CLOSING THE DOORS WITH IGNITION KEY

To Lock the Door:
Turn the key to the lock position (toward front of the vehicle) from driver’s door or passenger’s door. All doors and the tailgate will be locked.

To Unlock the Door:
Turn the key to the unlock position (toward rear of the vehicle) from driver’s door or passenger’s door. All doors and the tailgate will be unlocked.

AUTOMATIC DOOR UNLOCKING
All doors will be automatically unlocked when the engine is switched off.

\*
\*
CAUTION
When you unlock the door with the ignition key after the door is locked with the remote control (the theft deterrent mode), a warning buzzer sounds. Stop the buzzer by pressing any button on the remote control.
THEFT DETERRENT SYSTEM

Arming the Theft Deterrent System
The theft deterrent system will be armed under the following conditions:

• When all doors are locked with the remote control key, the anti-theft mode will be activated. If the "UNLOCK" button on the remote control key is pressed and no door is opened within approximately 30 seconds, all doors are automatically locked again and the anti-theft mode will be activated.

• When the theft deterrent system is armed, the emergency hazard lights blink twice.

CAUTION
• To arm the theft deterrent system, the ignition key should be removed from the ignition switch, all doors including the tailgate and the hood should be closed completely.

• Activation of the theft deterrent system can be confirmed by the emergency hazard lights blinking twice.

Theft Deterrent System Alarm Stage
If somebody tries to open the door, the tailgate or the hood without using the remote control key, the alarm will be activated.

• When one of the doors or the tailgate is opened with the ignition key while the deterrent system is armed, the alarm will sound.

• The engine hood or the tailgate is opened from the outside while the deterrent system is armed, the alarm will be activated.

• When the alarm is activated, warning sound and the emergency hazard lights will be on and off every second for 27 seconds.

Disarming the Theft Deterrent System

• Unlock the door by using the remote control key.

• To deactivate the theft deterrent mode at the alarming stage, unlock the door by using the remote control key.

• When the deterrent system is disarmed, the emergency hazard lights blink once.