

2007 -

FJ CRUISER

TVIP V5

RS3200 PLUS - W/RADAR
OWNER'S GUIDE



RS3200 PLUS

DESIGNED FOR USE WITH YOUR VEHICLE'S
REMOTE KEYLESS ENTRY SYSTEM

OWNER'S GUIDE

To better understand the features and functions of this security system, please read this Owner's Guide completely prior to use.

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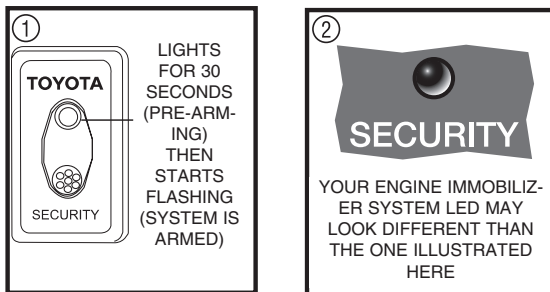
INTRODUCTION

Congratulations on your choice of the RS3200 PLUS add-on security system to protect your vehicle! To get the most from the system, we strongly recommend that you read this Owner's Guide completely to learn all of its features and functions.

The RS3200 PLUS provides security through point-of-entry monitoring, intrusion detection and ignition switch monitoring. While ARMED, the system will be TRIGGERED and sound an ALARM when a door is forcibly unlocked or opened*, or when movement occurs inside the vehicle. During the ALARM, the vehicle's horn sounds and the headlights, tail lights and front marker or turn signal lights flash. Also, the vehicle's starter is disabled, preventing engine start. In addition to the comprehensive protection, the RS3200 PLUS works in conjunction with your vehicle's remote keyless entry system, enabling you to ARM and DISARM the security system at the same time the doors are remotely locked and unlocked. In vehicles equipped with a buzzer, it will chirp when the system is REMOTE ARMED and DISARMED.

An important note about your system:

Throughout this guide, there are references to the STATUS MONITOR ^① for this system. Illustrated below, this panel holds the LED indicator (for the system's operating status). In vehicles equipped with an engine immobilizer system, there is a LED already installed, so the RS3200 PLUS utilizes the vehicle's engine immobilizer system LED ^②. If your vehicle falls into this category, remember to look at that LED when the information refers to the STATUS MONITOR. If you do not know where the LED is located, refer to your vehicle's owner's guide for specific information.



* When the system is PASSIVELY (AUTOMATICALLY) ARMED, there is an ENTRY DELAY that will elapse when a door is opened before an ALARM is TRIGGERED.

BRIEF DESCRIPTION– SECURITY FEATURES

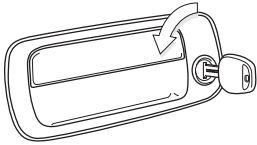
FEATURES	FUNCTIONS
REMOTE ARMING/ DISARMING	The RS3200 PLUS will arm 30 seconds after the lock button on the remote keyless entry system's remote control is pressed, and DISARM when the unlock button is pressed. If your vehicle is equipped with a buzzer that chirps when the lock and unlock buttons on the remote controls are pressed, the buzzer will also chirp when the system is REMOTE ARMED and DISARMED.
AUTOMATIC REARMING	The RS3200 PLUS will automatically REARM at the same time the vehicle's remote keyless entry system relocks the vehicle's doors, if no door is opened within 30 seconds after REMOTE DISARMING.
KEY ARMING/ DISARMING	The RS3200 PLUS will ARM 30 seconds after you lock the vehicle's doors with the key, and will DISARM when you unlock a door with the key.
PASSIVE (AUTOMATIC) ARMING	The RS3200 PLUS may be programmed to automatically ARM 30 seconds after the ignition key is removed, the vehicle exited and the last door closed, without the necessity of locking doors.
PASSIVE DISARMING	The RS3200 PLUS may be DISARMED with the vehicle's ignition key after it was PASSIVELY ARMED.
ADJUSTABLE ENTRY DELAY	When the RS3200 PLUS has been PASSIVELY ARMED, an ENTRY DELAY (user-selectable at 0,15, or 30 seconds) will start when a door is opened before an ALARM is TRIGGERED.
MANUAL ARMING	When you lock the vehicle with the central lock switch (while a door is open), the RS3200 PLUS will ARM 30 seconds after you close all the doors.
POINT-OF-ENTRY PROTECTION	Forcibly unlocking or opening a door while the RS3200 PLUS is ARMED will TRIGGER an ALARM immediately. (If the system was PASSIVELY ARMED, the ENTRY DELAY must pass after opening a door before the ALARM is TRIGGERED.)
RADAR SENSOR	The RS3200 PLUS utilizes RADAR SENSOR. The RADAR SENSOR works synchronized with vehicle theft deterrent system.If somebody intrudes into the vehicle while the vehicle theft deterrent system is set, the alarm blows the vehicle's horn intermittently and flashes the emergency flashers. Note To prevent false alarms from being triggered in case of the following conditions: • A child or pet is left in the vehicle. • Any window or moon roof is left opened. • When parking in a noisy area or on a roof parking. • The vehicle body or glass is subjected to strong impact from the outside (such as highly pressurized car wash). • When transporting by car carrier. • A cellphone in cup holder or center console covered storage is left in the vehicle. • When a bag is on the seat in the vehicle,the detection area may change. • Objects hanging from the rearview mirror, or elsewhere in the vehicle, may trigger a false alarm. • Do not place metallic objects, such as cell phones, in the center cluster change box while the alarm is activated, because they may impede performance of the alarm.

FEATURES	FUNCTIONS
RADAR SENSOR	Note (Continued) • To avoid false alarm, please disarm alarm before placing large objects, such as suitcases or surfboards, on the roof of the vehicle. • Please disarm the alarm system, or shut off the radar sensor function, before washing the vehicle.
IGNITION SWITCH MONITORING	While ARMED, the RS3200 PLUS monitors the ignition switch. If an attempt is made to start the vehicle without a key, an ALARM is TRIGGERED.
STARTER DISABLE	When an ALARM is TRIGGERED, the system disables the vehicle's starter and prevents engine start until the system is reset (DISARMED).
FORCED LOCK DURING ALARM	During an ALARM, the system will lock the doors if one is unlocked, and will continue to do so for the duration of the ALARM.
TRIGGER MEMORY	The user is notified that an ALARM occurred. Upon DISARMING the system after an ALARM was TRIGGERED, the vehicle's tail and marker lights will be turned on for 2 seconds.
EXTERIOR LIGHT ACTIVATION	The RS3200 PLUS flashes the vehicle's tail and marker or turn signal lights during REMOTE ARMING and REMOTE DISARMING, and during an ALARM. Also, during an ALARM the headlights flash.
BUZZER ACTIVATION	If your vehicle is equipped with a buzzer that chirps when the lock and unlock buttons on the remote keyless entry system's remote controls are pressed, the buzzer will also chirp when the system is REMOTE ARMED and DISARMED.
HORN ACTIVATE	During an ALARM, the RS3200 PLUS activates the vehicle's horn.
POWER LOSS MEMORY	If power to the RS3200 PLUS is disrupted while it is ARMED, an ALARM is TRIGGERED once power is restored.
STATUS MONITOR	This panel houses the flashing LED that indicates the operating status of the security system.

OPERATION

ARMING THE SECURITY (except PASSIVE ARMING)

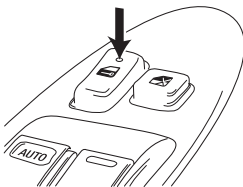
The system may be ARMED in several ways. Do *one* of the following:



TURN TOWARD THE
FRONT
OF THE VEHICLE

Lock the doors with your key:
Remove the key from the ignition switch.
Exit the vehicle, and close all the doors.*
Close the trunk or hatch, if necessary.*
Insert the key into the door key switch and turn it toward the front of the vehicle:

The STATUS MONITOR'S LED turns on for 30 seconds, then starts flashing. ① The system is now ARMED.



PUSH THE LOCK
SWITCH WHILE THE
DOOR IS OPEN

Lock the doors from inside the vehicle:
Remove the key from the ignition switch.
Open the driver's or front passenger's door.
Push the central lock switch.

Exit the vehicle, and close all the doors.*
Close the trunk or hatch, if necessary.* Then:

The STATUS MONITOR'S LED turns on for 30 seconds, then starts flashing. ① The system is now ARMED.



PRESS AND RELEASE
THE LOCK BUTTON

Lock the doors with the remote control:

Remove the key from the ignition switch.
Exit the vehicle, and close all the doors.*
Close the trunk or hatch, if necessary.*

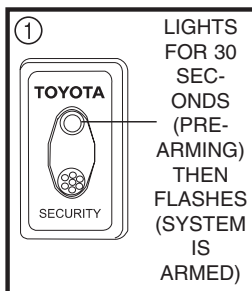
Press the lock button on the remote control. Simultaneously:

The doors lock. ②

The vehicle's tail and marker or turn signal lights flash once. ③

The vehicle's buzzer chirps once. △

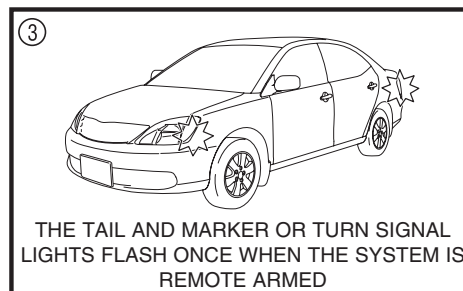
The STATUS MONITOR'S LED turns on for 30 seconds, then starts flashing. ① The system is now ARMED.



① LIGHTS
FOR 30
SEC-
ONDS
(PRE-
ARMING)
THEN
FLASHES
(SYSTEM
IS
ARMED)



② ALL DOORS LOCK WHEN
THE SYSTEM IS REMOTE
ARMED



③ THE TAIL AND MARKER OR TURN SIGNAL
LIGHTS FLASH ONCE WHEN THE SYSTEM IS
REMOTE ARMED

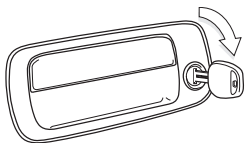
* The system will not ARM while any of the doors, trunk or hatch is open.

△ If your vehicle is equipped with a buzzer.

OPERATION

DISARMING THE RS3200 PLUS (except PASSIVE DISARMING)

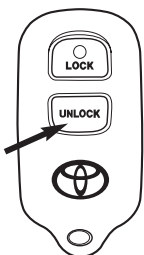
The system may be DISARMED in several ways. Do one of the following:



TURN TOWARD THE
REAR
OF THE VEHICLE

Unlock the doors with your key:
Insert the key into the door key switch and turn it toward the rear of the vehicle:

The STATUS MONITOR'S LED stops flashing. ①
The system is now DISARMED.*

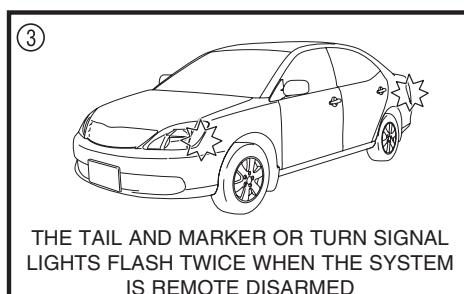
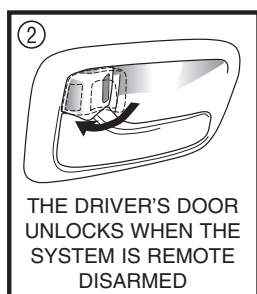
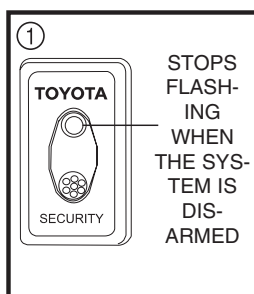


PUSH THE UNLOCK
BUTTON

Unlock the doors with the remote control:
Press the unlock button on the remote control. Simultaneously:
The driver's door unlocks. ②
The vehicle's tail and marker or turn signal lights flash twice. ③
The vehicle's buzzer chirps twice. △
The STATUS MONITOR'S LED stops flashing. ①
The system is now DISARMED.*

Press the unlock button again within 3 seconds after unlocking the driver's door to unlock the remaining doors.

NOTE: If your vehicle's tail and marker or turn signal lights turn on for 2 seconds when the system is DISARMED,* the TRIGGER MEMORY was activated; something TRIGGERED an ALARM while you were away from the vehicle.

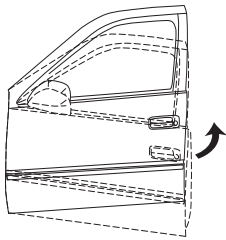


△ If your vehicle is equipped with a buzzer.

OPERATION

PASSIVE (AUTOMATIC) ARMING & DISARMING

When the RS3200 PLUS is programmed to PASSIVELY ARM, the system will ARM after the ignition key is removed and all doors are closed; you do not need to lock the doors. When you come back to your vehicle and open a door, you must insert the key into the ignition switch and turn it to "ON" during the ENTRY DELAY (0, 15 or 30 seconds), or an ALARM will be TRIGGERED. If you lock the doors, regular ARMING will override PASSIVE ARMING; there will be no ENTRY DELAY. See the PROGRAMMING information on page 12 to activate the PASSIVE ARMING mode, as well as to select the ENTRY DELAY time.



THE SYSTEM ARMS 30 SECONDS AFTER THE LAST DOOR IS CLOSED

To PASSIVELY ARM the system:
Remove the key from the ignition switch.
Exit the vehicle, and close all the doors. *(The system will not ARM while any of the doors are open.)*
After the last door is closed:
The STATUS MONITOR'S LED turns on for 30 seconds, then starts flashing. ① The system is now ARMED.

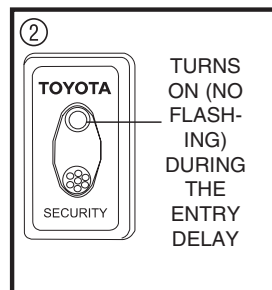
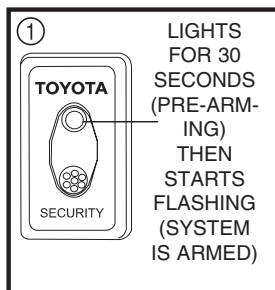


THE SYSTEM DISARMS WHEN YOU INSERT THE KEY AND TURN IT TO "ON"

To DISARM the PASSIVELY ARMED system:
Enter the vehicle through a front door.
The ENTRY DELAY begins:
The STATUS MONITOR'S LED turns on (no flashing.) ②
Insert the key into the ignition switch and turn it to "ON" before the ENTRY DELAY ends.*
The LED turns off. The system is now DISARMED.

You may also DISARM the system following any of the methods described on page 6.

NOTE: If your vehicle's tail and marker lights turn on for 2 seconds when the ignition key is turned to "ON", the TRIGGER MEMORY was activated; something TRIGGERED an ALARM while you were away from the vehicle.



* If the ENTRY DELAY time elapses before the ignition switch is turned to "ON", an ALARM will be TRIGGERED. To DISARM the system during an ALARM, insert the ignition key and turn it to "ON", or press and release the remote control's unlock button.

OPERATION

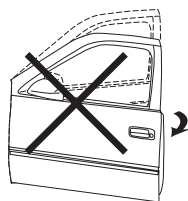
AUTOMATIC REARMING

When you unlock the doors using the remote control, the RS3200 PLUS is DISARMED at the same time. However, if you do not open a door within 30 seconds, the keyless entry system will relock the doors and the RS3200 PLUS will REARM 30 seconds later.

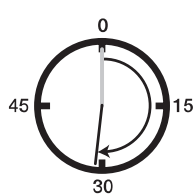
How the RS3200 PLUS automatically REARMS:



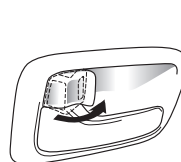
THE DOORS ARE UNLOCKED BY PRESSING THE UNLOCK BUTTON ON THE REMOTE CONTROL...



WHEN NO DOOR, TRUNK OR HATCH IS OPENED...



FOR MORE THAN 30 SECONDS...



THE KEYLESS ENTRY SYSTEM AUTOMATICALLY RELOCKS THE DOORS, THEN THE RS3200 PLUS AUTOMATICALLY REARMS.

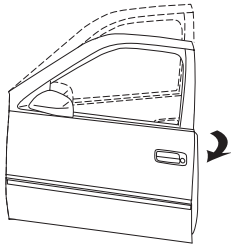


THE LED WILL LIGHT UP FOR 30 SECONDS (PRE-ARM), THEN FLASH WHEN THE SYSTEM IS ARMED

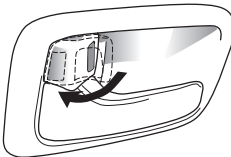
ALARM INFORMATION

ALARM TRIGGERS

While the system is ARMED, an ALARM will be TRIGGERED when any of the following occurs:



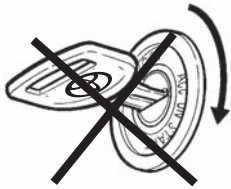
➡ **Forcibly opening any door.**



➡ **Manually unlocking a door**

Manually operating an inside lock button will TRIGGER an ALARM.

Note: Because this action will TRIGGER an ALARM, it is important that you do not ARM the system while someone is in the vehicle.



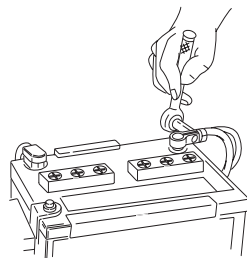
➡ **"Hot wiring" the vehicle**

The RS3200 PLUS can detect the absence of the ignition key if the ignition circuit is shorted in attempt to start the vehicle.

➡ **Intrusion Detection**



When the radar sensor detects intrusion, it TRIGGERS an ALARM first, then a regular ALARM. See the description of how the RADAR SENSOR TRIGGERS ALARMS on page 11.



➡ **Power restoration**

If power to the system is interrupted while it is ARMED, an ALARM will be TRIGGERED immediately when power is restored.

ALARM INFORMATION

ALARM DESCRIPTIONS

Regular ALARM ①

When an ALARM is triggered in any way other than initial detection by the RADAR SENSOR, the following occur:

The horn sounds repeatedly for 60 seconds.

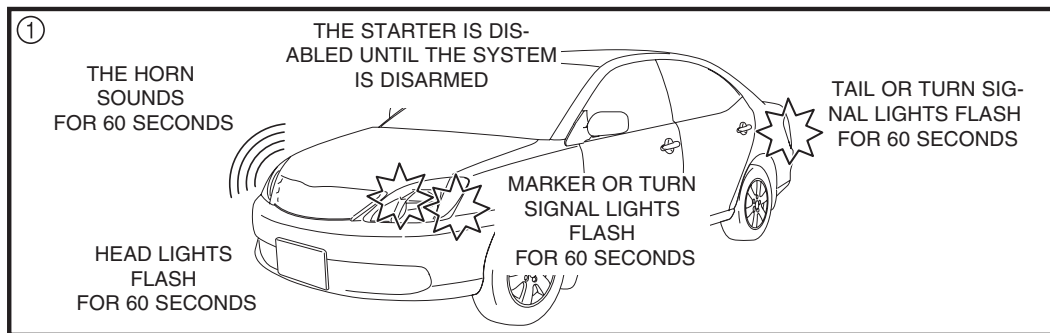
The headlights flash repeatedly for 60 seconds.

The tail and marker or turn signal lights flash repeatedly for 60 seconds.

The starter is disabled (no engine start) until the system is DISARMED.

The door lock will be relocked if someone reaches in and unlocks the inside lock button.

After 60 seconds of ALARM, the system will REARM and continue to protect the vehicle.



STOPPING AN ALARM

Simply DISARM the system using the remote control or key as described on page 6.

RADAR SENSOR INFORMATION

RADAR SENSOR CHECK PROCEDURE



1. ARM the system.

Press the LOCK button on the remote control or lock the doors with the key.

(Remember, the system will not ARM if any door is open.)



2. Wait until the STATUS MONITOR'S LED starts flashing.

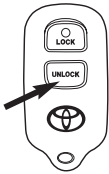
The LED will flash 30 seconds after the last door or hatch is closed.



3. Move inside the vehicle.

When movement occurs inside the vehicle, an alarm will be triggered immediately. If sensor detects 2nd movement within 60 seconds after the 1st warn away alarm trigger, then a regular ALARM activates for 60 seconds.

Note: If you find that the system does not perform as expected, contact your Toyota dealer for more information.



4. DISARM the system to stop the ALARM.

Press the UNLOCK button on the remote control or use the key to DISARM the system.

RADAR SENSOR OFF MODE (If equipped)

THE RADAR SENSOR CAN BE DEACTIVATED. PERFORM THE FOLLOWING:



1. PUSH THE SENSOR OFF SWITCH ON THE INSTRUMENT PANEL BEFORE ARMING BY KEY OR REMOTE CONTROL.

Immobilizer LED starts blinking.

2. ARM THE SYSTEM WITH THE REMOTE CONTROL OR KEY WHILE THE IMMOBILIZER LED IS BLINKING.

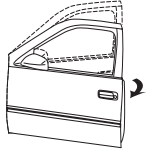
THE RADAR SENSOR WILL DEACTIVATE DURING ARMING.



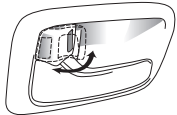
NOTE: IF YOU DISARM THE SYSTEM AFTER YOU SET THE RADAR SENSOR OFF, YOU HAVE TO REPEAT THE ABOVE PROCEDURE WHEN YOU ARM THE SYSTEM IF YOU WANT TO DEACTIVATE THE RADAR SENSOR AGAIN. THE SYSTEM WILL AUTOMATICALLY CANCEL THE RADAR SENSOR OFF MODE WHEN DISARMED.

RADAR SENSOR OFF MODE

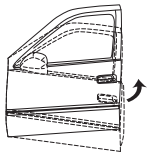
THE RADAR SENSOR CAN BE DEACTIVATED. PERFORM THE FOLLOWING:



1. **Open the driver's door .**
The LED turns off. The system is now DISARMED.



2. **Lock, then unlock the driver's door inside lock button 3 times, within 5 seconds.**
The LED flash quickly.



3. **Close the driver's door.**



4. **ARM THE SYSTEM WITH THE REMOTE CONTROL OR KEY WHILE THE LED IS BLINKING. THE RADAR SENSOR WILL DEACTIVATE DURING ARMING.**

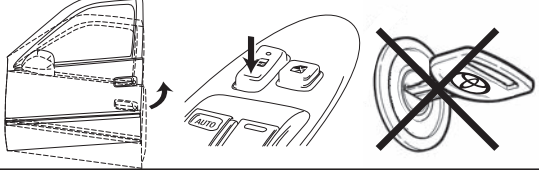
NOTE: IF YOU DISARM THE SYSTEM AFTER YOU SET THE RADAR SENSOR OFF, YOU HAVE TO REPEAT THE ABOVE PROCEDURE WHEN YOU ARM THE SYSTEM IF YOU WANT TO DEACTIVATE THE RADAR SENSOR AGAIN. THE SYSTEM WILL AUTOMATICALLY CANCEL THE RADAR SENSOR OFF MODE WHEN DISARMED.

PROGRAMMING

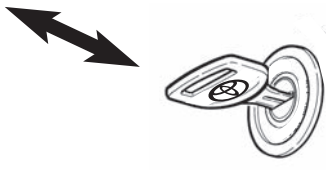
The RS3200 PLUS is factory-set to not PASSIVELY ARM. To change the system's operation for PASSIVE ARMING operation, as well as adjust the ENTRY DELAY time, follow the procedure below. For more information on this feature, please refer to page 7.

PASSIVE ARMING ON/OFF SELECTION, ENTRY DELAY TIME SELECTION

1. Before you begin:
Open the driver's door. Close the remaining doors and the trunk or hatch. Unlock all doors with the inside lock switch. Remove the key from the ignition switch.

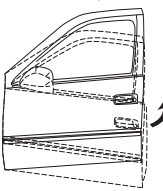


2. Insert and remove the key from the ignition key cylinder 3 times; this must be completed within 5 seconds.

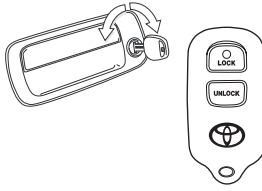


Start the Programming Procedure. (Complete these steps within 40 seconds.)

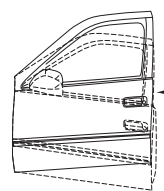
a. Close the driver's door.



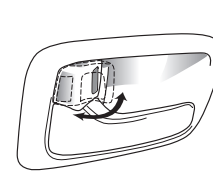
b. **Lock and unlock** all doors **3 times** by key or remote control.



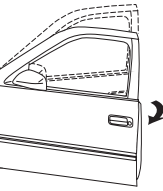
c. Open and close the driver's door.



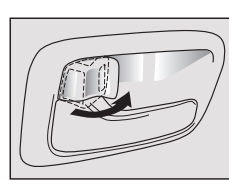
d. **Lock, then unlock** the driver's door inside lock button **3 times**.



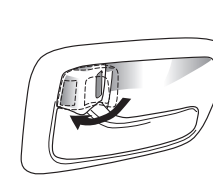
e. Open the driver's door.



f. The system locks the door in 2 seconds; if this does not happen, start over.



g. Unlock the driver's door knob.

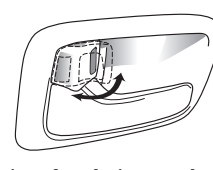


3. Select the Operating Mode and Complete the Programming Procedure.

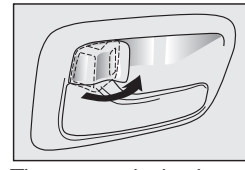
a. Close, then Open the driver's door:

- 2 times = PASSIVE ARMING OFF
- 3 times = PASSIVE ARMING ON, 0 Sec. ENTRY DELAY
- 4 times = PASSIVE ARMING ON, 15 Sec. ENTRY DELAY
- 5 times = PASSIVE ARMING ON, 30 Sec. ENTRY DELAY

b. **Lock then unlock** the driver's door inside lock button **1 time**.



c. The system locks the door in 2 seconds; if this does not happen, start over. Programming is now complete.



Warning

- This product is applicable only to vehicles with 12V DC, negative grounding specifications. *Do not use in vehicles with 24V specifications.* Otherwise, damage to the unit or a fire may result.
- Never attempt to disassemble or modify the product. Otherwise, an accident, fire or electric shock may result.
- When replacing fuses, be sure to use fuses with the same specified capacity (amperage.) Otherwise, damage to the unit or vehicle, fire or electric shock may result.
- If an abnormal condition occurs, such as liquids spilling onto the product, or the product emits smoke or strange odors, stop using it immediately and consult the dealer from whom you purchased the product. Continued use of the product before corrective actions are taken may result in an accident, injury or fire.
- Never pull the plastic bag over your head. Otherwise, a serious injury or death from suffocation may occur.

Caution

- Do not use this product for applications other than in-vehicle use. Otherwise, an electric shock or injury may result.
- Do not allow children to play with the remote controls. Otherwise, the doors may be locked or unlocked, the security system armed or disarmed, or an alarm triggered unintentionally.
- If this product is dropped or its case is damaged, disconnect the power supply lead and contact the dealer from whom you purchased it to obtain service. Otherwise, a fire or electric shock may result.
- In order for the security system to be activated, the back door window must be closed.
- All security features may not be applicable to all vehicle models.
- Contents subject to change.



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