

2003-

MR2 SPYDER

TVIP V5

RS3200 PLUS  
OWNER'S GUIDE



VEHICLE INTRUSION PROTECTION

# RS3200 PLUS

## FOR MR2-SPYDER

Remote Keyless Security System  
Designed Specifically for your Vehicle

# 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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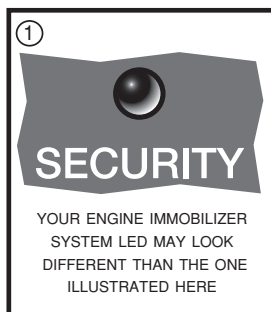
## INTRODUCTION

Congratulations on your choice of the RS3200 PLUS 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 comprehensive security protection 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, trunk or hatch is forcibly unlocked or opened\*, or when someone intrudes into the vehicle. **This system is a vehicle theft deterrent and will not prevent theft of personal goods in vehicle. For additional security, it is recommended that the vehicle top be in the closed position.** During the ALARM, the vehicle's horn will sound and the headlights, tail lights and front marker lights will flash. Also, the vehicle's starter is disabled, to prevent engine start.

### An important note about your system

Throughout this guide, there are references to the STATUS MONITOR for this system. This panel holds the LED indicator (for the system's operating status). In vehicles with an engine immobilizer, there is already a LED<sup>①</sup> installed in the vehicle. 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–RS3200 PLUS FEATURES

FEATURES	FUNCTIONS
REMOTE ARMING/DISARMING	The RS3200 PLUS will ARM 30 seconds after the LOCK button on the 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 RELOCK the vehicle's doors if no door is opened within 30 seconds after REMOTE DISARMING, then will REARM 30 seconds later.
KEY ARMING/DISARMING	The RS3200 PLUS will ARM 30 seconds after you close the trunk (if open) and 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 and the trunk closed, without the necessity of locking the 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 a central lock switch (while a door is open), the RS3200 PLUS will ARM 30 seconds after you close all the doors and the trunk (if open).
IGNITION KEY DISARMING	The RS3200 PLUS may be DISARMED by inserting the key into the ignition switch and turning it to "ON."
POINT-OF-ENTRY PROTECTION	Forcibly unlocking or opening a door, hatch or trunk while the RS3200 PLUS is ARMED will TRIGGER an ALARM immediately. (If the system was PASSIVELY ARMED, the ENTRY DELAY must pass before the ALARM is TRIGGERED.)
RADAR SENSOR	The RS3200 PLUS utilizes RADAR SENSOR to sense the intrusion from outside, and TRIGGER an ALARM. It is fine tuned to detect unauthorized movement inside the vehicle.
WARN AWAY ALARM	When RADAR SENSOR detects the intrusion, it TRIGGERS a WARN AWAY ALARM; the headlights and tail and marker lights flash, and the horn sounds for 20 seconds, but the starter is not disabled. If there is another detection of a door is opened or unlocked without a key, the regular ALARM is TRIGGERED.
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.

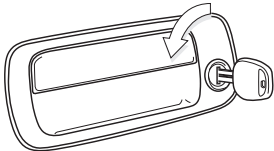
**BRIEF DESCRIPTION—RS3200 PLUS FEATURES**

<b>FEATURES</b>	<b>FUNCTIONS</b>
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, and the BUZZER sounds, for 2 seconds.
EXTERIOR LIGHT ACTIVATION	The RS3200 PLUS flashes the vehicle's tail and marker lights during REMOTE ARMING and REMOTE DISARMING, as well as during an ALARM. Also, the headlights flash during an ALARM.
HORN ACTIVATION	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. (In vehicles with an engine immobilizer system, that system's LED and a separate microphone are used instead.)

## OPERATION

### ARMING THE RS3200 PLUS (except PASSIVE ARMING)

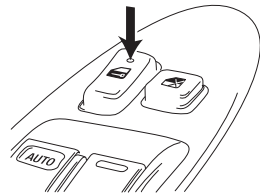
The system may be ARMED in several ways. Do *one* of the following:



TURN TOWARD THE FRONT  
OF THE VEHICLE

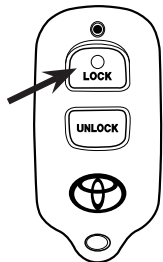
Lock the doors with your key:  
Remove the key from the ignition switch.  
Exit the vehicle, and close all the doors.  
Insert the key into the door key switch and turn it toward the front of the vehicle:

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.



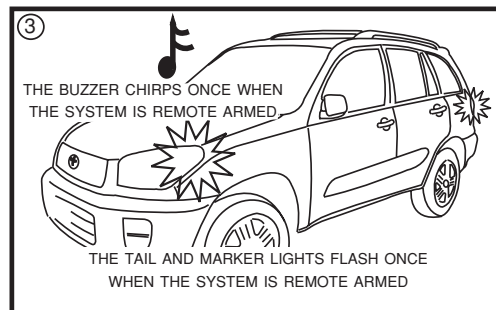
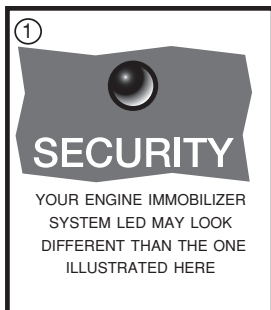
PRESS AND RELEASE  
THE LOCK BUTTON

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:

②

The doors lock.  
The vehicle's tail and marker lights flash once.  
The buzzer chirps once.  
The STATUS MONITOR'S LED turns on for 30 seconds, then starts flashing. The system is now ARMED.

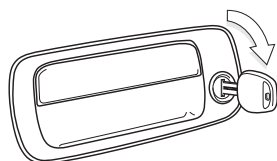
③



## OPERATION

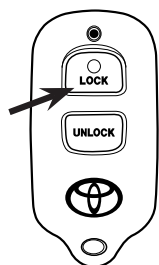
### DISARMING THE RS3200 PLUS (except PASSIVE DISARMING)

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 IMMOBILIZER LED stops flashing. ① The system is now DISARMED.\*



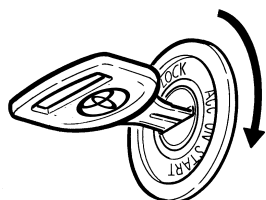
PUSH THE UNLOCK BUTTON

#### Unlock the doors with the remote control:

Press the UNLOCK button on the remote control. Simultaneously:

② The driver's door unlocks.  
③ The vehicle's tail and marker lights flash twice.  
The STATUS MONITOR'S LED stops flashing. The system is now DISARMED.\*

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



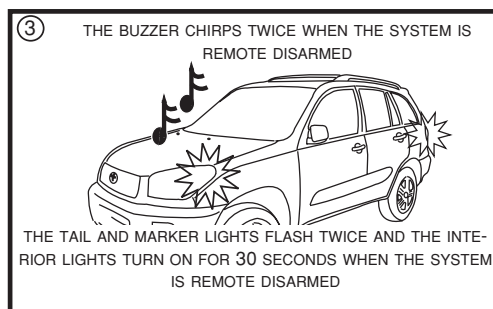
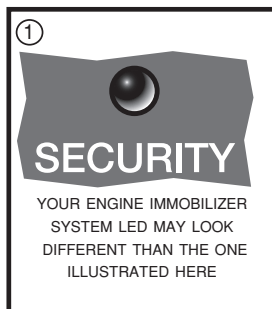
TURN THE KEY TO "ON" TO  
DISARM THE SYSTEM

#### Use the ignition switch:

Insert the key into the ignition switch, then turn it to ON ①  
The STATUS MONITOR'S LED stops flashing. The system is now DISARMED.\*

*This method of disarming is rarely used. You must be inside the vehicle while the system is armed in order to do it.*

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

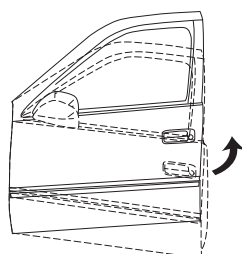


\* Please note, if the system utilizes your vehicle's engine immobilizer system LED instead of the STATUS MONITOR, the LED will continue to flash.

## 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 and the trunk or hatch 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 section on page 15 to activate the PASSIVE ARMING mode, as well as select the ENTRY DELAY time.



THE SYSTEM ARMS 30 SECONDS  
AFTER THE LAST ENTRY POINT  
(DOOR, TRUNK OR HATCH)  
IS CLOSED

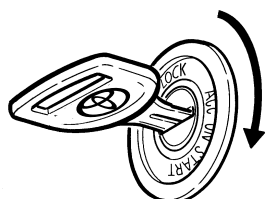
#### To PASSIVELY ARM the system:

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.) ①

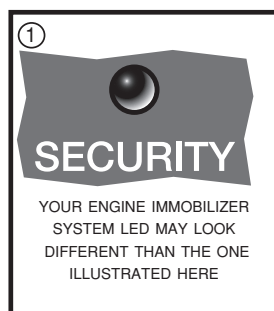
Insert the key into the ignition switch and turn it to "ON" before the ENTRY DELAY ends.\*

The LED turns off. The system is now DISARMED.

*You may also DISARM the system following any of the methods described on page 7.*

#### NOTE:

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



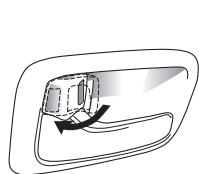
\* If the ENTRY DELAY time elapses before the ignition switch is turned to "ON", an ALARM will be TRIGGERED. To DISARM the system during an ALARM, insert the ignition key and turn it to "ON", or press and release the remote control's UNLOCK button.



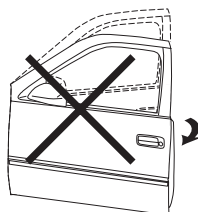
## OPERATION

### AUTOMATIC REARMING

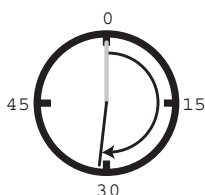
When you unlock the doors using the remote control, the RS3200 PLUS is **DISARMED** at the same time. However, if you do not open a door or the trunk or hatch within 30 seconds, the system will relock the doors and the RS3200 PLUS will **REARM** 30 seconds later



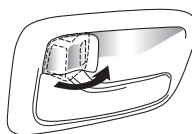
THE DOORS ARE  
UNLOCKED BY PRESSING  
THE UNLOCK BUTTON ON  
THE REMOTE CONTROL...



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



FOR MORE THAN 30  
SECONDS...



THE RS3200 PLUS  
AUTOMATICALLY RELOCKS  
THE DOORS, THEN  
AUTOMATICALLY REARMS.

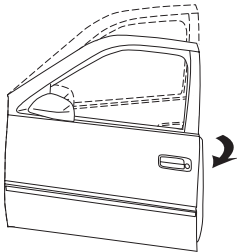


THE LED LIGHTS UP  
FOR 30 SECONDS  
(PRE-ARM), THEN  
FLASHES WHEN THE  
SYSTEM IS ARMED

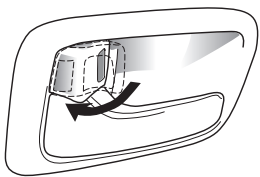
## ALARM INFORMATION

### ALARM TRIGGERS

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



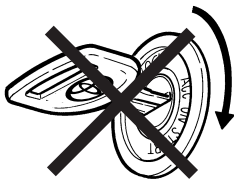
➡ **Forcibly opening a door without a key**



➡ **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.



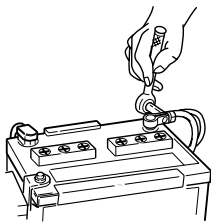
**Intrusion Detection**



When the radar sensor detects intrusion, it TRIGGERS a WARN AWAY 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.

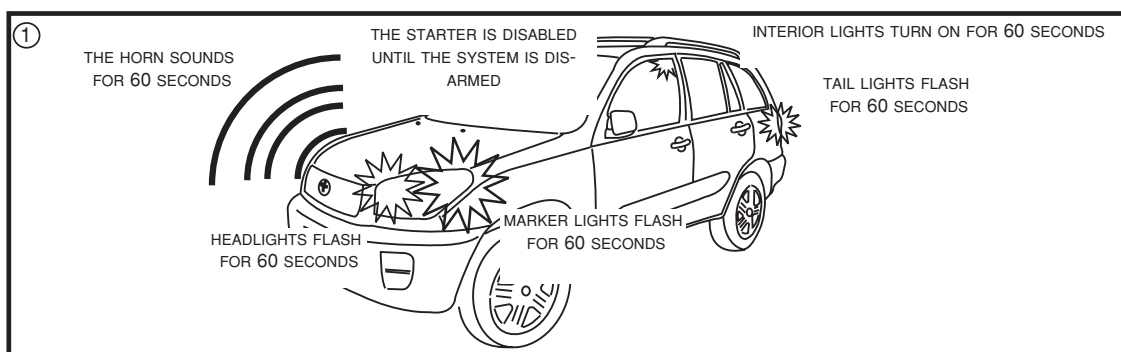
The headlights flash repeatedly for 60 seconds.

The tail and marker 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.



②

#### **WARN-AWAY ALARM**

Upon initial detection of noise when sensor detects intrusion.

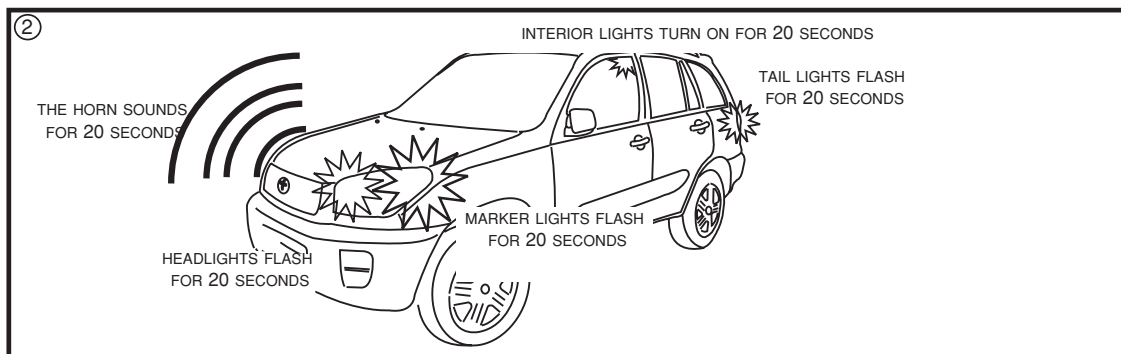
The horn sounds repeatedly for 20 seconds.

The headlights flash repeatedly for 20 seconds.

The tail and marker lights flash repeatedly for 20 seconds.

The interior lights turn on for 20 seconds.

If the RADAR SENSOR detects noise again within one minute, or if a door or trunk or hatch is opened while the system is still ARMED, the regular ALARM (described above) is activated.

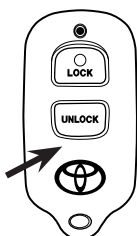


### STOPPING AN ALARM

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.)*

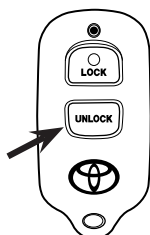


2. **Wait until the STATUS MONITOR's LED starts flashing.**  
The LED will flash 30 seconds after the last door, the trunk or hatch is closed.



3. **Move inside the vehicle.**  
When movement occurs inside the vehicle, A WARN AWAY ALARM activates for 20 seconds. 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 WARN AWAY ALARM.**  
Press the UNLOCK button on the remote control or use the key to DISARM the system.

### RADAR SENSOR OFF MODE



THE RADAR SENSOR CAN BE DEACTIVATED. PERFORM THE FOLLOWING: PUSH THE SENSOR OFF SWITCH ON THE INSTRUMENT PANEL BEFORE ARMING BY KEY OR REMOTE CONTROL.

IMMOBILIZER LED STARTS BLINKING.



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

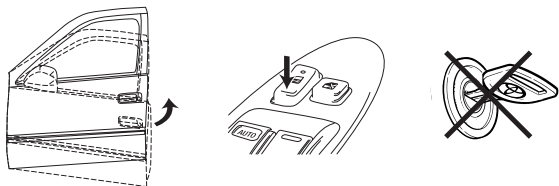
**NOTE:** IF YOU DISARM THE SYSTEM AFTER YOU SET THE RADAR SENSOR OFF, YOU HAVE TO REPEAT THE ABOVE PROCEDURE WHEN YOU ARM THE SYSTEM IF YOU WANT TO DEACTIVATE THE RADAR SENSOR AGAIN. THE SYSTEM WILL AUTOMATICALLY CANCEL THE RADAR SENSOR OFF MODE WHEN DISARMED.

## PROGRAMMING

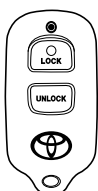
### PASSIVE ARMING ON/OFF SELECTION, ENTRY DELAY TIME SELECTION

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 8.

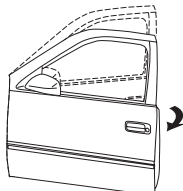
1. Before you begin:  
Close all the doors, and the trunk or hatch.  
Unlock all the doors with the inside lock switch.  
Remove the key from the ignition switch.



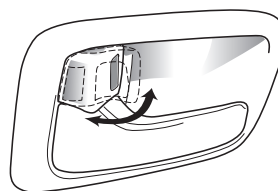
2. Start the Programming Procedure. (Complete these steps within 30 seconds.)



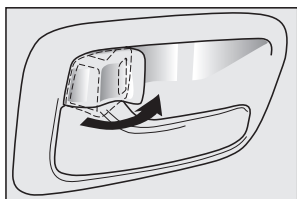
- a. Using the remote control, lock, then unlock the doors 3 times.



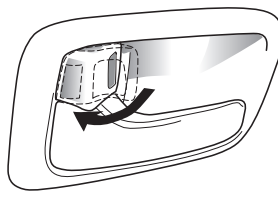
- b. Open the driver's door.



- c. Lock, then unlock the driver's door inside lock button 3 times.

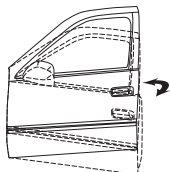


- d. The system locks the door in 2 seconds; if this does not happen, start over.

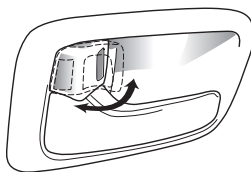


- e. Unlock the driver's door inside lock button.

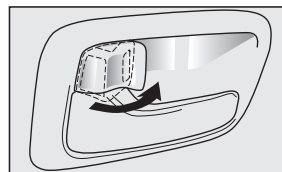
3. Select the Operating Mode and Complete the Programming Procedure.



- a. Close, then Open the 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.

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## Warning

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- 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.
- To prevent accidents from occurring, keep the remote controls' batteries out of the reach of children. In the event a battery is swallowed, consult a physician immediately.
- 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 emitting 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.

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## Caution

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- Do not use batteries other than the type specified.
- When placing batteries into the product, insert them as shown, paying close attention to the polarities (+ and -). If inserted improperly, the battery may explode, or leak electrolyte and contaminate the surrounding area.
- 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.



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