



RS3000

REMOTE CONTROLLED SECURITY SYSTEM
DESIGNED SPECIFICALLY FOR YOUR TOYOTA VEHICLE

OWNER'S GUIDE

2000-

TACOMA

TVIP V3

RS3000
OWNERS 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 Toyota VIP RS3000 security system to protect your vehicle! To get the most from this product, we strongly recommend that you read this Owner's Guide completely to understand all of the features and functions of the system.

The RS3000 provides complete vehicle security through point-of-entry monitoring and glass breakage detection. While armed, the system is triggered when a door or the trunk (or hatch) is opened*, or when a window is tapped on or broken. When triggered, the vehicle's horn sounds and the lights, both exterior *and* interior, flash in a unique pattern. Perhaps more importantly, the vehicle's starter is disabled at the same time, preventing engine start. In addition to the comprehensive protection, the RS3000 provides remote control convenience, enabling you to arm and disarm the system and lock and unlock the doors without having to use a key.

The RS3000 offers you operation options, including Passive (Automatic) Arming, and Valet mode (security features off); both of these operation modes are described in detail in this manual.

ECU

SPECIFICATIONS

No.	ITEM	SPECIFICATIONS
1	OPERATING VOLTAGE	DC +12V
2	ALLOWABLE VOLTAGE	DC +10~+16V
3	OPERATING TEMPERATURE	-30~+65°C -22~+149°F
4	STORAGE TEMPERATURE	-40~+85°C -40~+185°F
5	—MAXIMUM OUTPUT CURRENT—	
	ECU ALONE (Disarming)	LESS THAN 15mA
	LED BLINKING	LESS THAN 50mA
	LED BLINKING/STARTER CUT ACTIVE	LESS THAN 300mA
6	ECU DIMENSIONS	104 X 102 X 32mm (Approx. 4 1/16" X 4" X 1 1/2")
7	NET WEIGHT	154g (.337 lbs)

REMOTE CONTROL

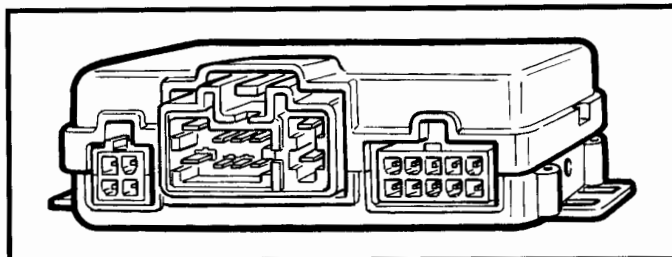
No	ITEM	SPECIFICATIONS
1	RECEPTION FREQUENCY	303.875 MHz
2	CIRCUIT TYPE	SINGLE SUPERHETERODYNE, SUPER REGENERATIVE DETECTION
3	FCC REGULATION	PART 15, SUBPART C
4	ID CODE NUMBERS	2,000,000
5	TRANSMITTING RANGE	50 FEET MAXIMUM**

* When the system is passively (automatically) armed, there is an entrance delay that elapses when a door is opened before the system is triggered.

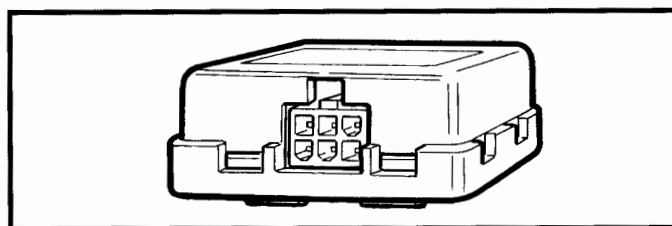
**Lower transmitting range may be experienced due to various factors (see page 15.)

SYSTEM COMPONENTS

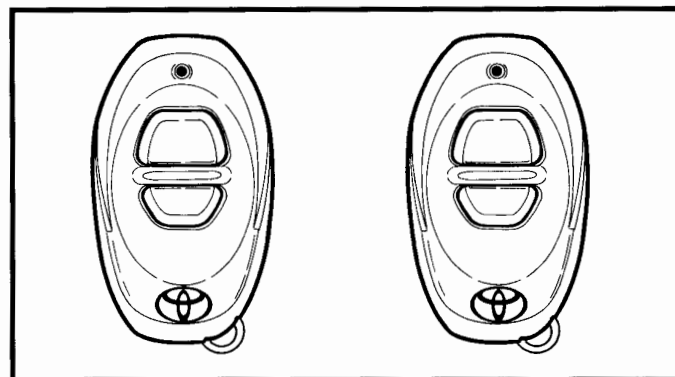
MAIN CONTROL UNIT (ECU)



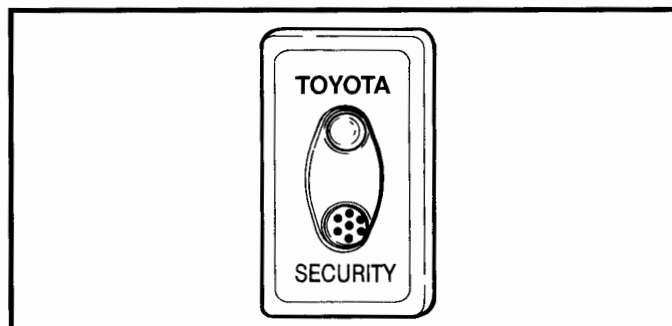
GLASS BREAKAGE SENSOR CONTROL



REMOTE CONTROL TRANSMITTERS



STATUS MONITOR



RS-3000 FEATURES

FEATURES	FUNCTIONS
REMOTE ARMING/DISARMING	The RS3000 may be ARMED and DISARMED with either of the supplied REMOTE CONTROLS. If the vehicle is equipped with power locks, the doors are locked when the system is ARMED and unlocked when it is DISARMED.
PASSIVE (AUTOMATIC) ARMING	The RS3000 may be programmed to automatically ARM and protect the vehicle 15 seconds after the ignition key is removed, the vehicle exited, and the last door or trunk (or hatch) is closed.
PASSIVE DISARMING	The RS3000 may be DISARMED with the vehicle's ignition key when the system was PASSIVELY ARMED.
VALET MODE	The RS3000 allows the user to suspend security functions, enter and exit the vehicle without the system PASSIVE ARMING or TRIGGERING, and to use the REMOTE CONTROLS just to lock and unlock the doors. <i>(PANIC MODE still works, though.)</i>
PANIC MODE	The user may draw attention to the vehicle by depressing the top button on the REMOTE CONTROL for over 2 seconds. When this mode is activated, the lights flash and the horn sounds for 57 seconds, or until PANIC MODE is deactivated. This mode may be activated at any time.
POINT-OF-ENTRY PROTECTION	The RS3000 will TRIGGER if a door, trunk or hatch is opened while the system is ARMED. <i>(If the system was PASSIVE ARMED, the ENTRY DELAY must pass before TRIGGERING occurs.)</i>
GLASS BREAKAGE SENSOR	The RS3000 uses a microphone mounted in the STATUS MONITOR to sense the noise from tapping on window glass, or glass breakage, and TRIGGER the system. It is fine tuned to "listen" for this type of noise, and ignore other sounds.
STATUS MONITOR	This panel houses the GLASS BREAKAGE SENSOR microphone, and the flashing LED light that indicates the operating status of the security system.
STARTER DISABLE	When the RS3000 is TRIGGERED, it disables the vehicle's starter, and prevents engine start until the system is reset.
AUTOMATIC RE-ARMING AND RE-LOCKING	The RS3000 will automatically RE-ARM, and RE-LOCK the doors after it is REMOTE DISARMED, when no door, trunk or hatch is opened within 30 seconds after disarming.
AUTOMATIC DOOR LOCKING/UNLOCKING (For vehicles equipped with power door locks)	The RS3000 is programmed to automatically LOCK all of the vehicle's doors when the ignition key is turned to "ON" or "START", and UNLOCK them when the key is turned back to "ACC" or "LOCK".
PIEZO "CHIRPER"	This device produces a soft "chirp" sound when the RS3000 is ARMED or REMOTE DISARMED. It also produces sound for the DOOR AJAR WARNING, and chirps to confirm function programming changes.
DOOR AJAR WARNING	The PIEZO "CHIRPER" emits a continuous sound for up to 10 seconds when the user attempts to REMOTE ARM the system while a door, trunk or hatch is open.
INTERIOR LIGHT ACTIVATION	The vehicle's interior lights turn on for 3 seconds after REMOTE ARMING, for 30 seconds after REMOTE DISARMING, and flash in a unique pattern while the system is TRIGGERED.
EXTERIOR LIGHT ACTIVATION	The RS3000 flashes the exterior (tail and marker) lights during PASSIVE and REMOTE ARMING, REMOTE DISARMING, and flashes them in a unique pattern when the system is TRIGGERED or in the PANIC MODE.

RS-3000 FEATURES

FEATURES	FUNCTIONS
HORN ACTIVATION	While TRIGGERED or in PANIC MODE, the RS3000 sounds the vehicle's horn in a unique pattern.
NOISE ABATEMENT	When TRIGGERED, the RS3000 will sound the vehicle's horn for 57 seconds (one cycle). It will not sound the horn for more than ten consecutive cycles.
TRIGGER MEMORY	The user is notified that the RS3000 was TRIGGERED and reset. When REMOTE DISARMING, the exterior lights flash 3 times, instead of the normal 2 times. When PASSIVE DISARMING (by key), the exterior lights flash 3 times when the ignition switch is turned to "ON".
POWER LOSS MEMORY	If power in the vehicle is lost while the RS3000 is ARMED, the system will TRIGGER when power is restored.
TWO BUTTON, THREE CHANNEL REMOTE CONTROLS	Top button: Primary vehicle Bottom button: Second vehicle equipped with a 1998 model RS3000 Security System.
PROGRAMMABLE REMOTE CONTROL CODES	The RS3000 REMOTE CONTROL is programmed from a pool of 2,000,000 possible transmitting code combinations, preventing generic remote control operation of your system. The RS3000 can be easily programmed to operate with up to 4 different REMOTE CONTROLS, depending on system configuration.
VEHICLE-SPECIFIC INSTALLATION	The RS3000 was designed specifically for your Toyota vehicle, and is built to the same exacting standards applied to every genuine Toyota component.

INITIAL (FACTORY) FEATURE SETTINGS

PASSIVE ARMING	OFF
PIEZO CHIRPER DEFEAT	OFF
AUTOMATIC DOOR LOCKING (AT IGNITION ON)	ON

When shipped from the factory, the RS3000 system is programmed to operate with the two included REMOTE CONTROLS. Upon remote ARMING and DISARMING, the PIEZO "CHIRPER" will chirp, the exterior lights will flash, and the interior lights are turned on. The GLASS BREAKAGE SENSOR was adjusted upon installation to prevent false "alarms". When TRIGGERED, the system will flash the interior and exterior lights, and sound the vehicle's horn in a unique pattern; additionally, the vehicle's starter will be disabled. The system will reset after 57 seconds, or can be reset and DISARMED by use of a REMOTE CONTROL.

For more detailed information on the operation of this system, please refer to the "OPERATIONS" and "CONVENIENCE FEATURES" sections of this manual. For information on tailoring the operation of the RS3000 to meet your needs, refer to the "PROGRAMMING AND ADJUSTMENTS" section. We recommend, however, that you have your Toyota dealer perform these adjustments.

QUICK REFERENCE OPERATION

REMOTE ARMING AND DISARMING

To ARM the system:

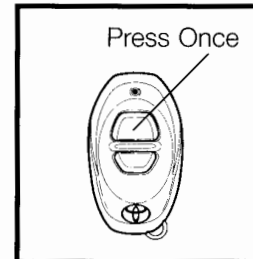
Press and release the top (primary) REMOTE CONTROL button *once*:

The PIEZO "CHIRPER" will chirp once.

The exterior (tail/marker) lights will flash once.

The interior lights will turn on for 3 seconds (*as long as the dome light switch is set to the "DOOR" position*).

The doors will lock (*if the vehicle is equipped with power locks*).



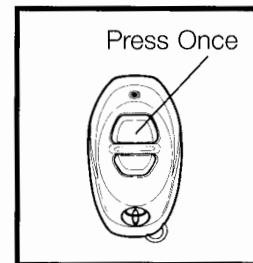
To DISARM the system:

Press and release the top REMOTE CONTROL button *once* again:

The PIEZO "CHIRPER" will chirp twice.

The exterior (tail/marker) lights will flash twice.

The interior lights will turn on for 30 seconds or until the doors are closed (*as long as the dome light switch is set to the "DOOR" position*). The doors will unlock (*if the vehicle is equipped with power locks*).



NOTE: The PIEZO OPERATION MODE is factory preset to "ON".

PANIC MODE

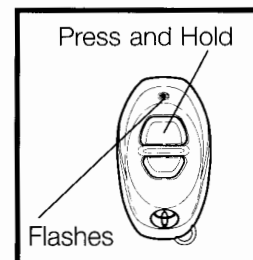
To activate the PANIC MODE:

Press and hold the top REMOTE CONTROL button for more than 2 seconds, until the vehicle's horn begins sounding:

The doors will lock or unlock (*if the vehicle has power locks*)*.

The horn will sound and the exterior lights will flash for 57 seconds.

To deactivate the PANIC MODE, press and release the top button again.



PASSIVE (AUTOMATIC) ARMING & DISARMING

PASSIVE (automatic) ARMING is disabled when the RS3000 is shipped from the factory. To learn how to activate this feature, refer to the PROGRAMMING AND ADJUSTMENTS section of this manual.

To PASSIVE ARM the system:

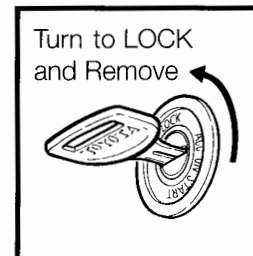
Turn the ignition key to the "LOCK" position, and remove it.

Exit the vehicle, and close all entry points (doors, trunk or hatch).

The RS3000 will PASSIVELY (automatically) ARM

15 seconds after the last entry point is closed.

After 15 seconds elapse, the exterior lights will turn on for 2 seconds, and the PIEZO "CHIRPER" will sound.**



* The vehicle must be equipped with power locks. The doors will unlock, then lock if they were locked before the PANIC MODE was activated. If the doors were unlocked before the PANIC MODE is activated, they will be locked, then unlocked again.

** The PIEZO OPERATION MODE, when set to "OFF", has no effect on PIEZO "CHIRPER" operation when the system is PASSIVE ARMING.

QUICK REFERENCE OPERATION

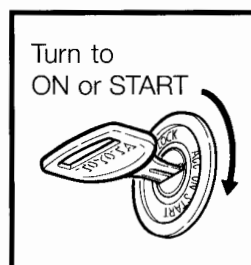
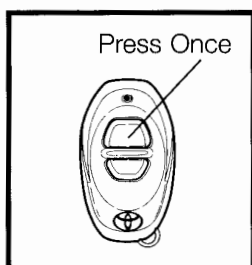
PASSIVE (AUTOMATIC) ARMING & DISARMING

To DISARM the RS3000 after PASSIVE ARMING:

Press and release the REMOTE CONTROL's top button *once*.

OR

Turn the ignition key to "ON" or "START" within 15 seconds* of entering the vehicle.



TRIGGERING

While ARMED, the RS3000 will TRIGGER when any of the following events occurs:

- Abrupt striking on the vehicle's window(s).
- Breaking of a vehicle's window.
- Opening any of the doors.**
- Opening the vehicle's trunk or hatch.
- Power lost then restored while system armed.

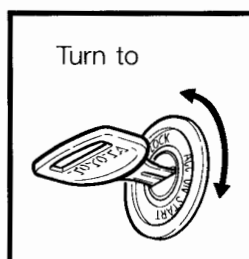
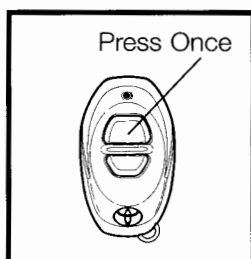
When TRIGGERED, the RS3000 will flash the exterior and interior lights[⊕] and sound the vehicle's horn in a unique pattern for 57 seconds per triggering cycle. It will also disable the vehicle's starter until the system is DISARMED by key or REMOTE CONTROL.

To DISARM the system while TRIGGERING occurs:

Press and release the REMOTE CONTROL's top button *once*

OR

Insert the key into the ignition switch, and turn "ON→ACC→ON".



* The ENTRY DELAY is factory preset to 15 seconds, and may be adjusted to 5, 15, or 30 seconds.

** When PASSIVELY ARMED, the ENTRANCE DELAY must elapse before the system is TRIGGERED.

⊕ In some vehicles, the interior lights will not flash, but instead just light up during TRIGGERING.

OPERATIONS

REMOTE CONTROL ARMING AND DISARMING

The RS3000 may be ARMED and DISARMED with either of the supplied REMOTE CONTROLS. If the vehicle is equipped with power locks, the doors are locked when the system is ARMED, and unlocked when it is DISARMED. The REMOTE CONTROL's operating range will vary depending on the surroundings and the REMOTE's battery strength.

To arm the RS3000 by REMOTE CONTROL:

Remove the key from the ignition switch.

Exit the vehicle, and close all entry points (doors, trunk or hatch). *(The system will not arm if any of the doors, trunk or hatch is open.)*

Press and release the REMOTE CONTROL's top button once:

The exterior (tail/marker) lights flash once.

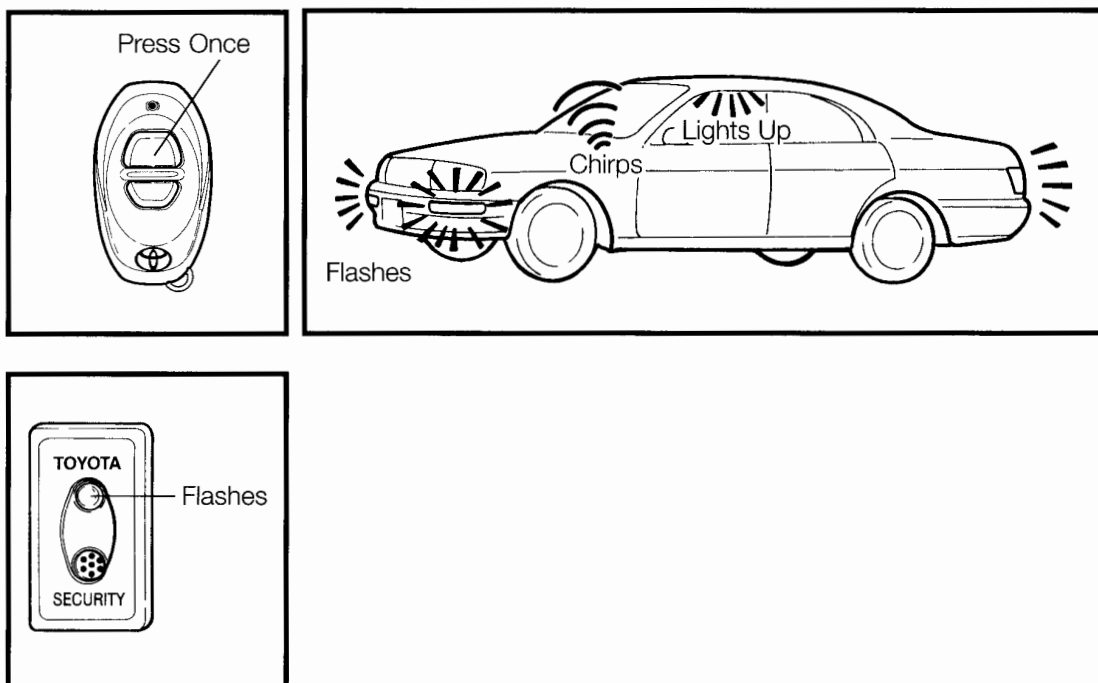
The PIEZO "CHIRPER" chirps once. *(The PIEZO "CHIRPER" will not sound if the PIEZO OPERATION MODE was set to "OFF".)*

The STATUS MONITOR's LED starts flashing.

The vehicle's interior lights turn on for 3 seconds *(as long as the dome light switch is set to the "DOOR" position).*

The vehicle's doors are locked. *(The vehicle must be equipped with power locks.)*

NOTE: The PIEZO "CHIRPER" will emit a continuous sound for up to 10 seconds if you attempt to REMOTE ARM the system while a door, trunk or hatch is open. (See DOOR AJAR WARNING in the CONVENIENCE FEATURES section.)



OPERATIONS

REMOTE CONTROL ARMING AND DISARMING

To disarm the RS3000 by REMOTE CONTROL:

Press and release the REMOTE CONTROL's top button once:

The exterior lights (tail/marker) flash twice.

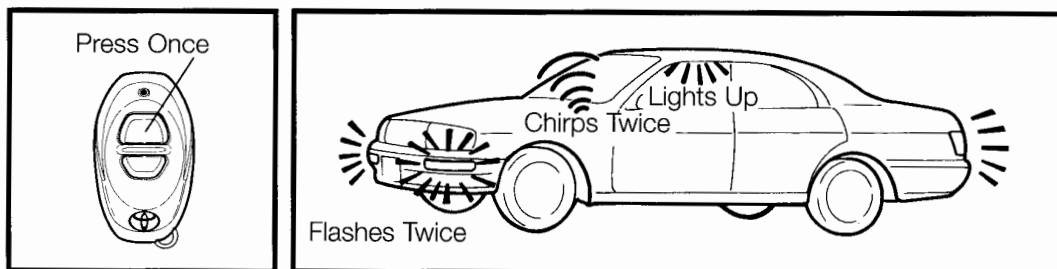
The PIEZO "CHIRPER" chirps twice. *(The PIEZO "CHIRPER" will not sound if the PIEZO OPERATION MODE was set to "OFF".)*

The STATUS MONITOR's LED stops flashing.

The vehicle's interior lights turn on for 30 seconds, or until the doors are closed *(as long as the dome light switch is set to the "DOOR" position).*

The vehicle's doors are unlocked. (The vehicle must be equipped with power locks.)

NOTE: Should the exterior lights flash 3 times when the system is **DISARMED** by **REMOTE**, the **TRIGGER MEMORY** was activated; the system was **TRIGGERED** and reset while you were away from the vehicle.
Pressing the **REMOTE CONTROL'S** button for more than 2 seconds will activate the **PANIC MODE**.



PANIC MODE

The RS3000 PANIC MODE can be activated at any time (even while driving) when the user is confronted with a threatening situation. During PANIC MODE, the doors are locked or unlocked (depending on the prior condition of the locks),* the exterior lights are flashed, and the horn sounds to draw attention to the vehicle.

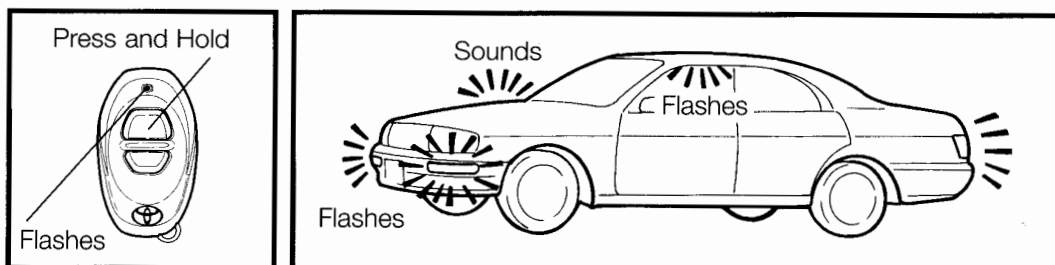
To activate the PANIC MODE:

Press and hold the REMOTE CONTROL's top button for more than 2 seconds.

The REMOTE CONTROL's LED will flash rapidly.

The doors will lock or unlock.*

The vehicle's horn will sound, and the exterior lights will flash for 57 seconds or until the PANIC MODE is deactivated.



* The vehicle must be equipped with power locks. The doors will unlock, then lock if they were locked before the PANIC MODE was activated. If the doors were unlocked before the PANIC MODE is activated, they will be locked, then unlocked again.

OPERATIONS

PANIC MODE

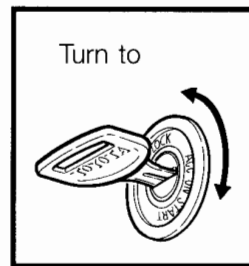
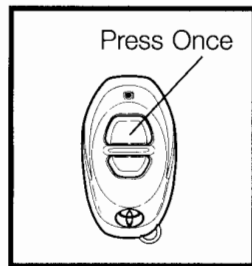
To deactivate the PANIC MODE:

Press and release the REMOTE CONTROL's top button once.

OR

Insert the key into the ignition switch, and turn it "ON→ACC→ON".

The horn stops sounding, and the exterior lights stop flashing.



AUTOMATIC RE-ARMING AND RE-LOCKING

The RS3000 will automatically RE-ARM, and RE-LOCK the vehicle's doors if no entry point (door, trunk or hatch) is opened within 30 seconds after DISARMING the system by REMOTE CONTROL, or if the key is inserted into the ignition switch.

VALET MODE

The RS3000 may be programmed to temporarily suspend the system's security features.* The VALET MODE enables you to enter and exit your vehicle without the system ARMING or TRIGGERING, but still allows you to use the REMOTE CONTROLS to lock and unlock the doors. For information on programming the RS3000 to operate in this mode, see the PROGRAMMING AND ADJUSTMENTS section of this manual.

* The PANIC MODE feature will still operate when the VALET MODE is selected.

OPERATIONS

PASSIVE (AUTOMATIC) ARMING & DISARMING

The RS3000 may be programmed to automatically ARM itself 15 seconds after the ignition key is turned off and removed, the vehicle exited, and the last point-of-entry (door, trunk or hatch) is closed.

NOTE: The factory preset operation of this system is PASSIVE ARMING "OFF". If you would like to change the PASSIVE ARMING function to "ON", refer to the PROGRAMMING AND ADJUSTMENTS section of this manual for instructions.

To start the AUTOMATIC ARMING process:

Remove the key from the ignition switch.

Exit the vehicle, and close all entry points (doors, trunk or hatch).

The EXIT DELAY begins:

The STATUS MONITOR's LED lights steadily for 15 seconds.

The EXIT DELAY ends:

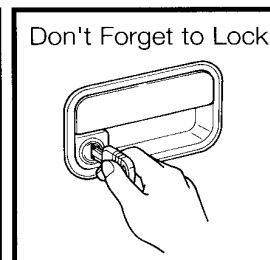
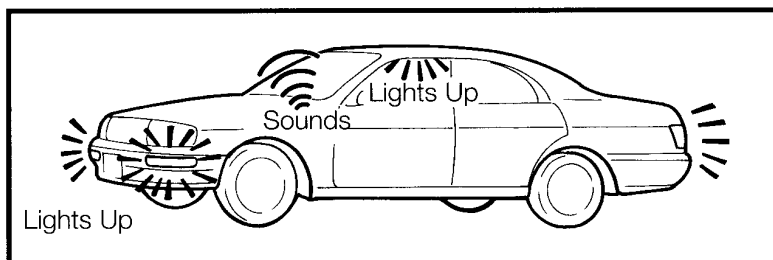
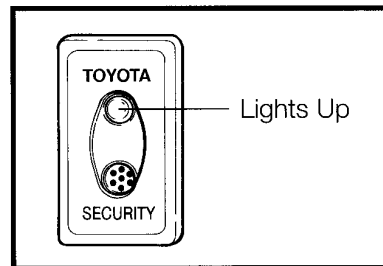
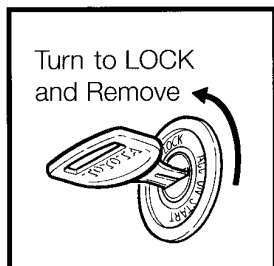
The exterior lights light for 2 seconds.

The PIEZO "CHIRPER" sounds for 2 seconds.

The STATUS MONITOR's LED begins flashing.

The system is now PASSIVELY ARMED. Should any door, or trunk or hatch be opened during the 15 second EXIT DELAY, the PASSIVE ARMING process will be temporarily suspended until the open entry point is closed.

IMPORTANT INFORMATION: The vehicle's doors are not locked automatically by the RS3000 during the PASSIVE ARMING process; please remember to lock your vehicle's doors by key, or manually, when you do not use the REMOTE CONTROL.



OPERATIONS

PASSIVE (AUTOMATIC) ARMING & DISARMING

To DISARM with the ignition key (after PASSIVE ARMING the system):

Enter the vehicle through a front door.

The ENTRY DELAY begins:

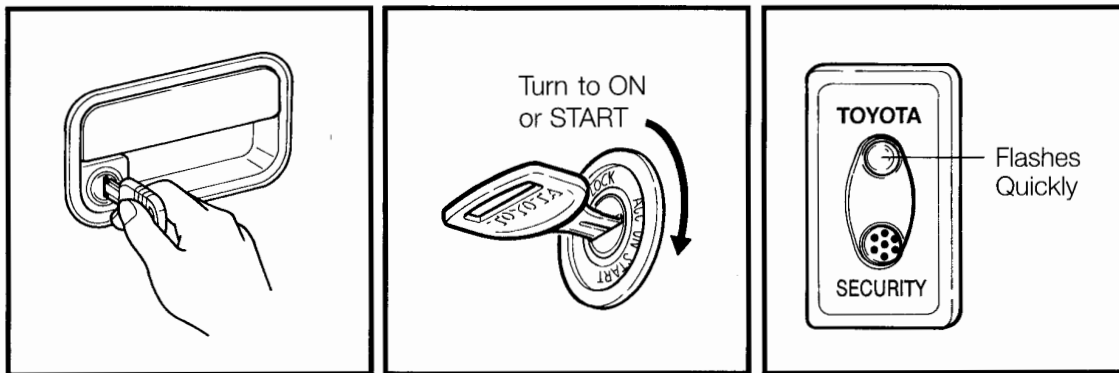
The STATUS MONITOR's LED flashes quickly.

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

The LED stops flashing,

The system is now DISARMED.

NOTE: If the exterior lights flash 3 times, and the engine does not start the first time when the ignition key is turned to "START", the TRIGGER MEMORY was activated. The system was TRIGGERED and reset while you were away from the vehicle.



* The ENTRY DELAY is factory preset to 15 seconds, and may be adjusted to 5, 15, or 30 seconds. If the ENTRY DELAY ends before the ignition switch is turned on, the system will be TRIGGERED. To DISARM the system while it is TRIGGERED, insert the ignition key, and turn it "ON→ACC→ON", or press and release the REMOTE CONTROL's top button once.

OPERATIONS

SECURITY MODE TRIGGERING

While ARMED, the RS3000 will TRIGGER (vehicle's horn sounding, exterior lights flashing, and starter disabled) when any of the following events occurs:

- Abrupt striking on the vehicle's window(s).*
- Breaking of a vehicle's window.*
- Opening any of the doors.**
- Opening the vehicle's trunk or hatch.
- Power lost then restored while the system is ARMED.

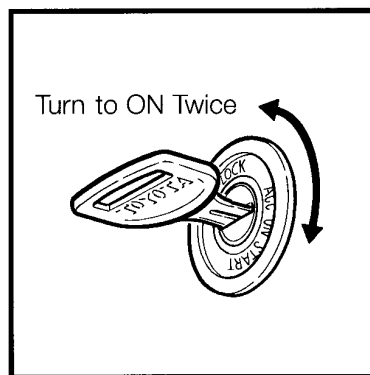
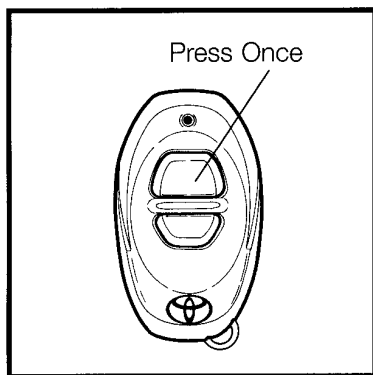
When TRIGGERED, the RS3000 will flash the exterior and interior lights[⊕] and sound the vehicle's horn in a unique pattern for 57 seconds per TRIGGERING cycle. It will also disable the vehicle's starter until the system is DISARMED by key or REMOTE CONTROL.*

To DISARM the system while TRIGGERING occurs:

Press and release the REMOTE CONTROL's top button *once*.

OR

Insert the ignition key, and turn it "ON→ACC→ON".



* The GLASS BREAKAGE SENSOR TRIGGERS the system in two ways: When the sound of tapping, or breaking of glass is detected, the system will first activate the vehicle's horn and exterior lights for 20 seconds as a warning; *the vehicle's starter is not disabled*. If the glass is tapped on or broken within 5 seconds of the first detection, the system will TRIGGER for 57 seconds; *the vehicle's starter is disabled*.

**When PASSIVELY ARMED, the ENTRANCE DELAY (factory set to 15 seconds) must elapse before the system will TRIGGER when a door is opened.

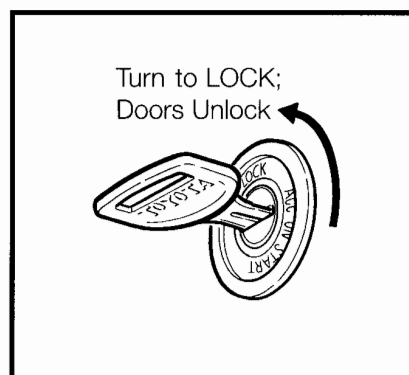
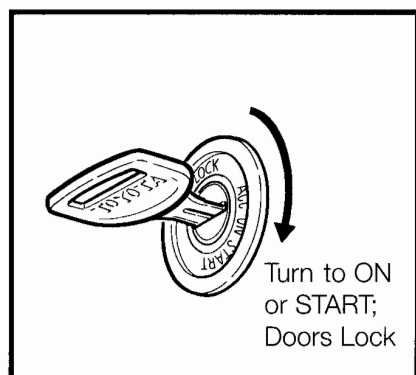
⊕ In some vehicles, the interior lights will not flash, but instead just light up during TRIGGERING.

CONVENIENCE FEATURES

AUTOMATIC DOOR LOCKING/UNLOCKING

The RS3000 is programmed to automatically lock your doors when the ignition switch is turned to "ON" or "START", and unlock them when the ignition switch is turned to "LOCK" or "ACC". This feature will operate only once (AUTOMATIC LOCK, then AUTOMATIC UNLOCK) before a door is opened and closed again. The AUTOMATIC LOCKING feature will not work while a door is open.

NOTE: The factory preset operation of this feature is AUTO DOOR LOCK/UNLOCK "ON". If you would like to it to changed to "OFF", refer to the **PROGRAMMING AND ADJUSTMENTS** section of this manual for instructions.



INTERIOR LIGHT ACTIVATION

When REMOTE ARMED, the RS3000 turns on the vehicle's interior lights for 3 seconds; when PASSIVELY ARMED, the interior lights are turned on for 3 seconds after the EXIT DELAY elapses. When REMOTE DISARMING, the interior lights are turned on for 30 seconds*, allowing you to easily see inside your vehicle at night before entering. During TRIGGERING, the interior lights are flashed.**

WARNING FEATURES

DOOR AJAR WARNING

When using a REMOTE CONTROL to ARM the RS3000, the PIEZO "CHIRPER" will emit a continuous sound for up to 10 seconds if a door, or trunk (or hatch) was left open; the system will not ARM. After closing the open door, or trunk (or hatch), the REMOTE CONTROL button must be pressed again to ARM the system.

* Or until the doors are closed.

** In some vehicles, the interior lights will not flash, but instead just light up during TRIGGERING.

WARNING FEATURES

TRIGGER MEMORY

The RS3000 alerts you upon DISARMING the system, that an intrusion attempt was made on your vehicle while you were away, and that the system was TRIGGERED.

TRIGGER MEMORY operation when REMOTE DISARMING:

Press and release the REMOTE CONTROL's top button once.

The doors unlock. *(The vehicle must be equipped with power locks.)*

The interior lights turn on for 30 seconds.

The exterior lights flash 3 times.

TRIGGER MEMORY operation when DISARMING by key:

Open the door, and sit in the driver's seat.

The ENTRANCE DELAY begins.

The STATUS MONITOR's LED flashes rapidly.

Insert the key into the ignition switch, and turn it to "START"

The exterior lights flash 3 times.

The engine will not start, because the STARTER DISABLE function is still active.

Turn the ignition key back to "OFF", then "START" again.

The STARTER DISABLE feature is deactivated.

The engine starts.

POWER LOSS MEMORY

If power to the RS3000 ECU (computer) is lost while the system is ARMED, the system goes to "sleep"; when power is restored, the system TRIGGERS immediately.

MISCELLANEOUS

REMOTE CONTROL RANGE

The maximum range for the RS3000's REMOTE CONTROLS is 50 feet. However, several factors that may affect your REMOTE CONTROL's actual performance, include, but are not limited to:

- ⇒ The REMOTE CONTROL battery's strength* (weak battery = decreased performance).
- ⇒ Your position relative to the vehicle (dependent on the system's antenna wire location).
- ⇒ Objects in the path between you and your vehicle.
- ⇒ Your surroundings (in a parking structure, out in the open, etc.).
- ⇒ Outside electrical interference caused by high tension power lines, etc.

* As the REMOTE CONTROL's battery becomes weaker, the LED indicator becomes dimmer. When you notice the LED becoming dimmer, you should replace the battery.

MISCELLANEOUS

STATUS MONITOR's LED OPERATION

LED CONDITION	CURRENT OPERATION
OFF	System inactive. Maybe DISARMED, or in VALET mode.
ON, not flashing	PASSIVE ARMING EXIT DELAY.
Slow flashing	System is ARMED.
Quick flashing	PASSIVE ARMING ENTRY DELAY
5 very quick flashes when ignition switch turned to "ON" (or "START"), or to "LOCK"	System is in VALET MODE.

This table does not cover the LED condition when programming and adjusting functions. For more information, see the PROGRAMMING AND ADJUSTMENTS section of this manual.

NOISE ABATEMENT

In many areas, there are regulations concerning the duration of a vehicle's security system TRIGGERING (horn sounding) before the vehicle is towed, or ticketed. The RS3000 was designed with these regulations in mind.

If the system is TRIGGERED by the opening of a door or trunk (or hatch), the TRIGGER duration is 57 seconds. At the end of this period, the system will reset.

If the system is TRIGGERED by the GLASS BREAKAGE SENSOR sensing the sound of tapping or breaking of glass, the initial TRIGGER duration is 20 seconds. If the GLASS BREAKAGE SENSOR senses tapping or breaking of glass again within 5 seconds, the system will TRIGGER for 57 seconds before resetting.

The system can be TRIGGERED a total of 10 times (57 second cycles, for a total of 9½ minutes) before the horn will not sound any more (until the system is DISARMED). The STARTER DISABLE function continues to operate after the 10 triggering cycles, until the system is DISARMED and reset.

PROGRAMMING AND ADJUSTMENTS

PASSIVE (AUTOMATIC) ARMING, AND VALET MODE

The PASSIVE (AUTOMATIC) ARMING and VALET MODE functions are factory set to OFF. When the system is programmed for PASSIVE ARMING operation, the ENTRY DELAY is factory set to 15 seconds. When the system is set to VALET MODE, the security functions are disabled.

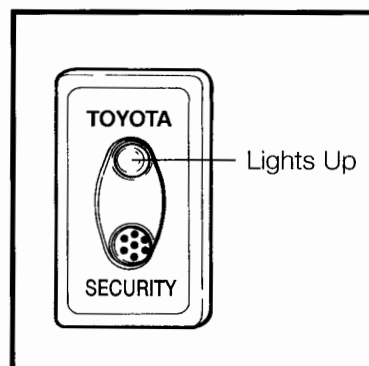
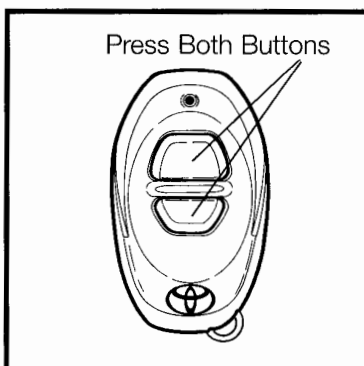
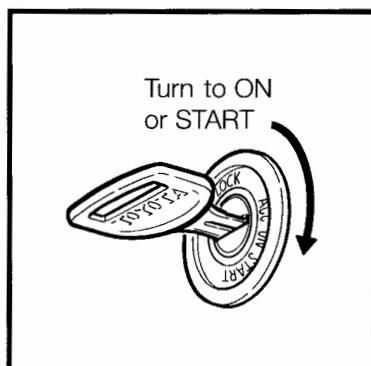
To select an operating mode, follow the steps below:

- 1) Insert the key into the ignition switch, and turn it to "ON" (not "ACC").
- 2) Using 1 REMOTE CONTROL, press and hold both buttons (at the same time) for over 2 seconds, until the STATUS MONITOR's LED turns on.

—YOU MUST PERFORM THE NEXT STEPS WITHIN 30 SECONDS—

- 3) Select the operating mode. (Follow this procedure as written, regardless of the current mode.)

Mode	Programming Step	Programming Completion
PASSIVE (AUTOMATIC) ARMING ON	Press and release the <u>top</u> REMOTE CONTROL BUTTON once . (The PIEZO "CHIRPER" chirps once, and the exterior lights flash once.)	Turn the ignition switch to the "LOCK"* position. (The PIEZO "CHIRPER" chirps three times, and the exterior lights flash 3 times.)
PASSIVE (AUTOMATIC) ARMING OFF	Press and release the <u>top</u> REMOTE CONTROL BUTTON twice . (The PIEZO "CHIRPER" chirps twice, and the exterior lights flash twice.)	Turn the ignition switch to the "LOCK"* position. (The PIEZO "CHIRPER" chirps three times, and the exterior lights flash 3 times.)
VALET MODE ON (No Security Functions)	Press and release the <u>top</u> REMOTE CONTROL BUTTON three times . (The PIEZO "CHIRPER" chirps once, and the exterior lights flash once for .6 second.)	Turn the ignition switch to the "LOCK"* position. (The PIEZO "CHIRPER" chirps three times, and the exterior lights flash 3 times.)



* If you do not turn the ignition key to "LOCK", or exceed 30 seconds during the programming steps, the STATUS MONITOR's LED will turn off, and the previous operation mode will remain unchanged.

PROGRAMMING AND ADJUSTMENTS

PIEZO OPERATION MODE

The factory setting for the PIEZO operation mode is ON. When set to OFF, only operation during REMOTE ARMING & DISARMING is affected.

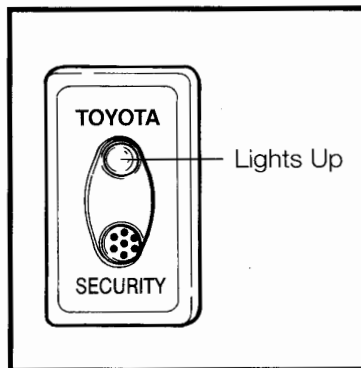
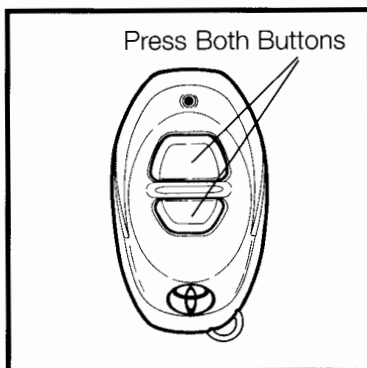
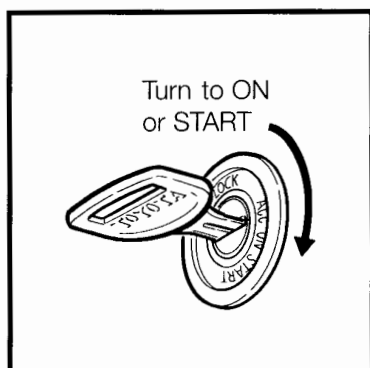
To change the PIEZO operation mode, follow the steps below:

- 1) Insert the key into the ignition switch, and turn it to "ON" (not "ACC").
- 2) Using 1 REMOTE CONTROL, press and hold both buttons (at the same time) for over 2 seconds, until the STATUS MONITOR's LED turns on.

—YOU MUST PERFORM THE NEXT STEPS WITHIN 30 SECONDS—

- 3) Select the operating mode.

PIEZO OFF	Press and release the <u>bottom</u> REMOTE CONTROL BUTTON once . (The PIEZO "CHIRPER" chirps once, and the exterior lights flash once.)	➔	Turn the ignition switch to the "LOCK"* position. (The PIEZO "CHIRPER" chirps 3 times, and the exterior lights flash 3 times.)
PIEZO ON	Press and release the <u>bottom</u> REMOTE CONTROL BUTTON twice . (The PIEZO "CHIRPER" chirps twice, and the exterior lights flash twice.)	➔	Turn the ignition switch to the "LOCK"* position (The PIEZO "CHIRPER" chirps 3 times, and the exterior lights flash 3 times.)



* If you fail to turn the ignition key to "LOCK", or exceed 30 seconds during the programming steps, the STATUS MONITOR's LED will turn off, and the previous operation mode will remain unchanged.

PROGRAMMING AND ADJUSTMENTS

ENTRY DELAY TIME SELECTION

The factory set ENTRY DELAY time (for when system PASSIVELY ARMED) is 15 seconds.

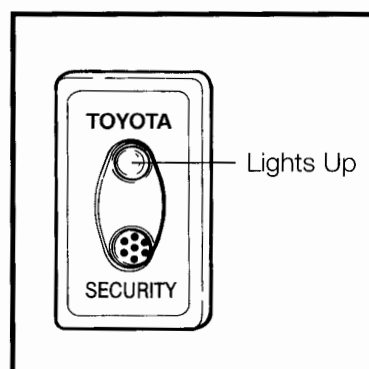
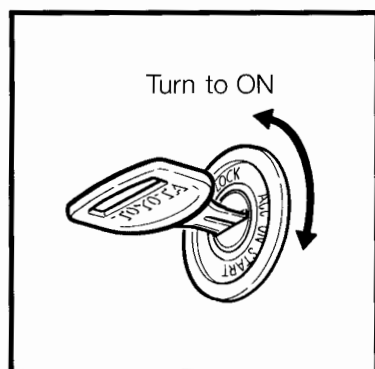
To adjust the ENTRY DELAY time, follow the steps below:

- 1) Sit in the driver's seat with all doors and the trunk (or hatch) closed.
- 2) Insert the key into the ignition switch, and turn it to "ON" (not "ACC") 5 times (ON→LOCK→ON→LOCK→ON→LOCK→ON→LOCK→ON) within a 10 second period. The STATUS MONITOR's LED turns on, and the PIEZO "CHIRPER" sounds once.

—YOU MUST PERFORM THE NEXT STEPS WITHIN 30 SECONDS—

- 3) Select the operating mode.

DELAY TIME	Programming Step	Programming Completion
5 SECONDS	Open and close the driver's door once .	Turn the ignition switch to the "LOCK"* position. (The PIEZO "CHIRPER" chirps once, and the exterior lights flash once.)
15 SECONDS	Open and close the driver's door twice .	Turn the ignition switch to the "LOCK"* position. (The PIEZO "CHIRPER" chirps twice, and the exterior lights flash twice.)
30 SECONDS	Open and close the driver's door three times .	Turn the ignition switch to the "LOCK"* position. (The PIEZO "CHIRPER" chirps three times, and the exterior lights flash three times.)



* If you do not turn the ignition key to "LOCK", or exceed 30 seconds during the programming steps, the STATUS MONITOR's LED will turn off, and the previous operation mode will remain unchanged.

PROGRAMMING AND ADJUSTMENTS

AUTOMATIC DOOR LOCKING/UNLOCKINGFUNCTION

The factory setting for the AUTOMATIC DOOR LOCKING/UNLOCKINGFUNCTION is ON.

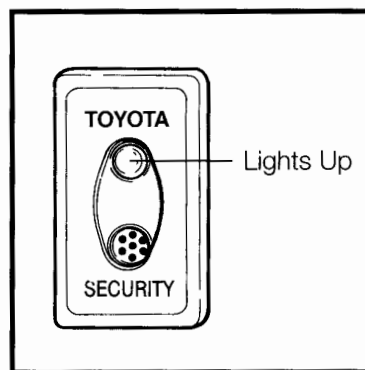
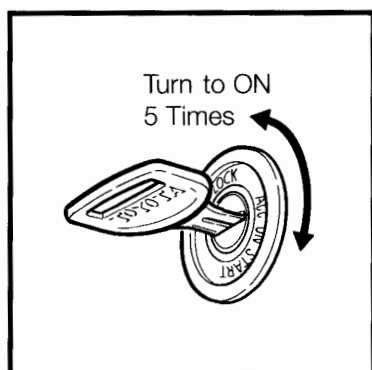
To change this feature's operation, follow the steps below:

- 1) Sit in the driver's seat with the driver's door open.
- 2) Insert the key into the ignition switch, and turn it to "ON" (not "ACC") 5 times (ON→LOCK→ON→LOCK→ON→LOCK→ON→LOCK→ON) within a 10 second period. The STATUS MONITOR's LED turns on, and the PIEZO "CHIRPER" sounds once.

–YOU MUST PERFORM THE NEXT STEPS WITHIN 30 SECONDS–

- 3) Select the operating mode.

Mode	Programming Step	Programming Completion
AUTOMATIC DOOR LOCKING & UNLOCKING ON	Close the driver's door. 	Turn the ignition switch to the "LOCK"* position. (The PIEZO "CHIRPER" sounds once , and the exterior lights flash once.)
AUTOMATIC DOOR LOCKING & UNLOCKING OFF	Close the driver's door, then open and close it one more time 	Turn the ignition switch to the "LOCK"* position. (The PIEZO "CHIRPER" sounds twice , and the exterior lights flash twice.)



* If you fail to turn the ignition key to "LOCK", or exceed 30 seconds during the programming steps, the STATUS MONITOR's LED will turn off, and the previous operation mode will remain unchanged.

PROGRAMMING AND ADJUSTMENTS

REMOTE CONTROL PROGRAMMING

The RS3000 ECU can be programmed to be operated by as many as 4 REMOTE CONTROLS. Additionally, the provided REMOTE CONTROL's top and bottom buttons may be assigned to operate another 1998 or 1999 model vehicles' RS3000 Security System, and both buttons can be programmed to operate the system in one vehicle. To add or delete a REMOTE CONTROL, you must access the RS3000 ECU (computer); ECU location varies by vehicle, and vehicle model.

NOTE: Please contact your Toyota dealer for an appointment to add or delete REMOTE CONTROLS to your system. Additional REMOTE CONTROLS may be purchased in your Toyota dealer's parts department.

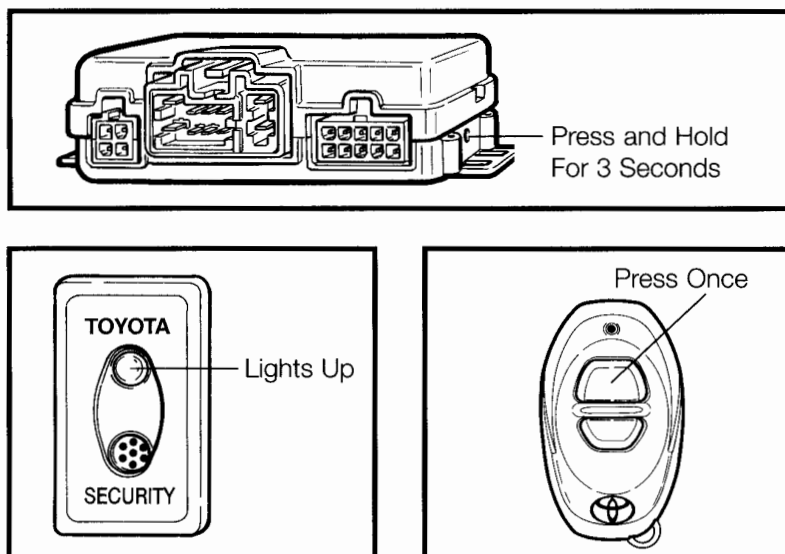
To program (add) a REMOTE CONTROL to the system:

- 1) Insert the key into the ignition switch, and turn it to "ON".
- 2) Press and hold the ECU's PROGRAMMINGSWITCH for 3 seconds.
The STATUS MONITOR's LED turns on for 5 seconds.

—YOU MUST PERFORM THE NEXT STEP WITHIN 5 SECONDS—

- 3) Press and release a REMOTE CONTROL's top or bottom button.*
The STATUS MONITOR's LED turns off.
The PIEZO "CHIRPER" chirps once.
The exterior lights flash once.
- 4) Turn off the ignition. The ECU will now operate with the REMOTE CONTROL just programmed.

NOTE: The factory preset operation is for the top button on both REMOTE CONTROLS to operate your system; the bottom button is not programmed. To prevent accidental erasure of a REMOTE CONTROL's code, we recommend that you program all of your REMOTE CONTROLS at the same time.



* Either button on your REMOTE CONTROL can be programmed to operate the RS3000.

PROGRAMMING AND ADJUSTMENTS

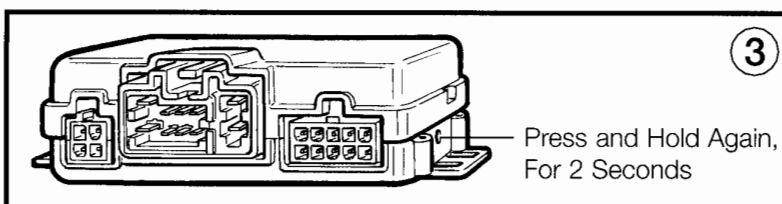
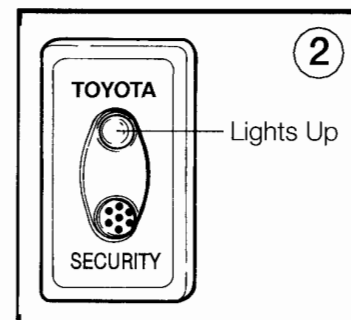
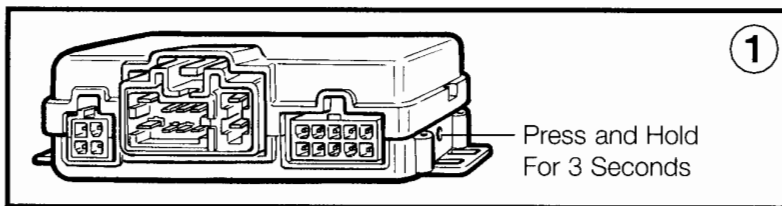
REMOTE CONTROL PROGRAMMING

To erase all REMOTE CONTROL codes from the system:

- 1) Insert key into the ignition switch, and turn it to "ON".
- 2) Press and hold the ECU's PROGRAMMINGSWITCH for 3 seconds.
The STATUS MONITOR's LED turns on for 5 seconds.

—YOU MUST PERFORM THE NEXT STEP WITHIN 5 SECONDS—

- 3) Press and hold the ECU's PROGRAMMINGSWITCH for over 2 seconds again.
The STATUS MONITOR's LED turns off, then flashes 3 times.
The PIEZO "CHIRPER" chirps 3 times, and the exterior lights flash 3 times.
- 4) Turn off the ignition. The ECU has cleared all REMOTE CONTROL codes; until another REMOTE CONTROL is programmed, the system will not work with any REMOTE CONTROL.



PROGRAMMING AND ADJUSTMENTS

GLASS BREAKAGE SENSOR SENSITIVITY ADJUSTMENT

The following procedure is listed for information purposes. Contact the service department at your Toyota dealer to set up an appointment to have them make any necessary adjustments to the GLASS BREAKAGE SENSOR.

- 1) Locate the GLASS BREAKAGE SENSOR controller in the vehicle (location varies by vehicle and vehicle model). Disassemble the vehicle as necessary to access the controller.
- 2) Verify the system is in the PASSIVE ARMING ON or OFF mode (not VALET MODE).
Program as necessary.

NOTE: Before adjusting the GLASS BREAKAGE SENSOR's sensitivity, confirm that it was adjusted to the vehicle-specific, predetermined level for the vehicle. You may find the proper setting level in the installation instructions for this system.

To test the GLASS BREAKAGE SENSOR sensitivity:

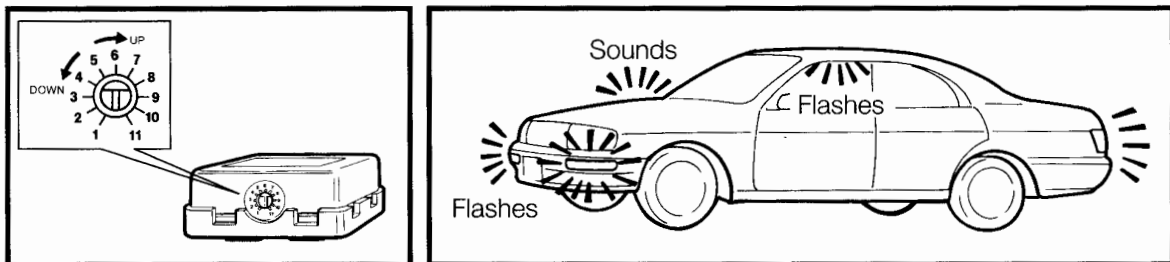
- 1) Close all doors, windows, and the trunk (or hatch)
- 2) Arm the system with the REMOTE CONTROL.
- 3) With the tip of the ignition key, tap the center of the driver's door window with moderate force (from outside the vehicle).
The RS3000 should be TRIGGERED and the alarm sound for 20 seconds.

If the system does not TRIGGER, the sensitivity may be too low. Tap the driver's door window again with slightly more force; if the system still does not TRIGGER, the sensitivity should be adjusted. Also, the system should not TRIGGER when the driver's door glass is tapped with light force. If this is the case, the sensitivity should be adjusted.

To adjust the GLASS BREAKAGE SENSOR sensitivity:

- 1) Turn the GLASS BREAKAGE SENSOR CONTROLLER adjustment screw one "click" up (to increase sensitivity), or one "click" down (to decrease sensitivity).
- 2) Re-check the sensitivity as described above.
- 3) Repeat the previous two steps until the desired results are achieved.

NOTE: Too high of a sensitivity level will result in false "alarms"; the RS3000 may TRIGGER for no apparent reason.



REMOTE CONTROL BATTERY REPLACEMENT

When the operating range of the REMOTE CONTROL diminishes, and/or the LED on the REMOTE CONTROL has become weak or dim, battery replacement is required. You may obtain a replacement battery from your Toyota dealer, or purchase one from a drug store, etc. The battery type is a LITHIUM CR2025.

NOTE: We recommend replacing the batteries in your REMOTE CONTROLS once a year to maintain optimum operating range.

PRECAUTIONS

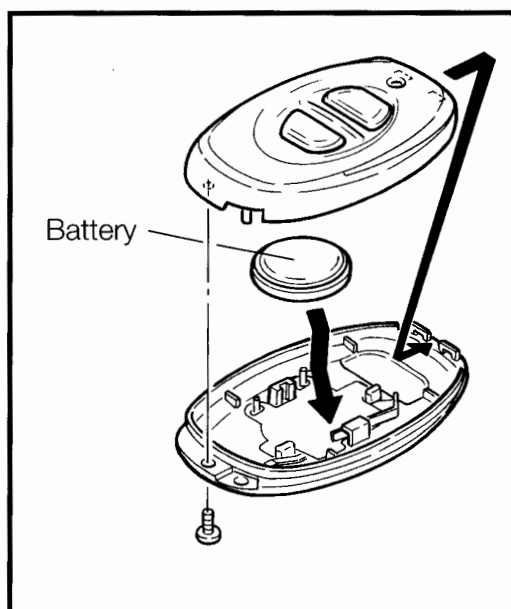
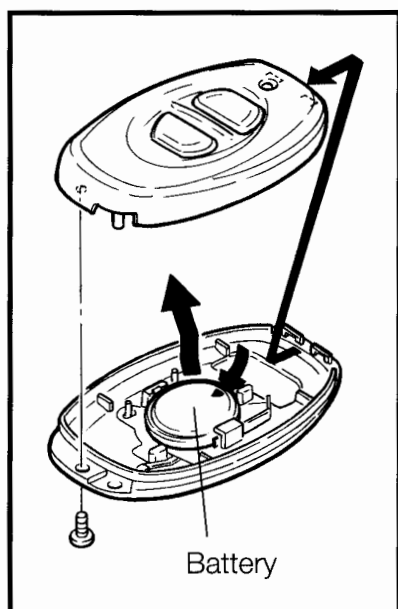
Always handle the battery using a dry cloth. Do not handle a battery with bare hands; body oils may interfere with the contacts and cause a malfunction.

The expected battery life (with normal usage) is 1 year; the life of the batteries in the supplied REMOTE CONTROLS may be shorter than 1 year.

BATTERY REPLACEMENT

To replace the REMOTE CONTROL's battery:

- 1) Remove the screw securing the two halves of the REMOTE CONTROL case.
- 2) Remove the back cover.
- 3) Remove the old battery, using caution to not bend the battery contacts.
- 4) Insert the new battery, positive (+) side down.
- 5) Reassemble the case, and test the REMOTE CONTROL.



NOTE: Replacing the REMOTE CONTROL's battery will not erase the REMOTE CONTROL's code from the ECU (computer).