



# OWNER'S MANUAL

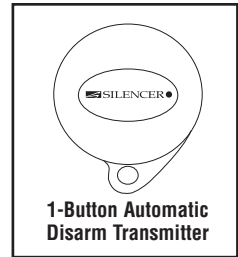
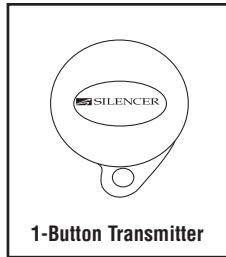
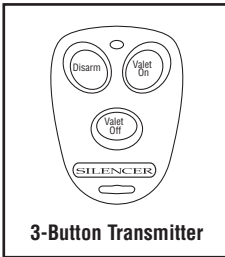
## Model: 8900 Series Vehicle Immobilizer

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference; and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

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

Silencer products have been designed to provide the consumer with years of trouble-free operation. This manual will provide reference for the operation and maintenance of your new Silencer vehicle immobilizer system. Please, take a moment to read this manual so you will be familiar with the operation of your new system.



**Note:** Depending on the type of consumer transmitter package your dealer provided you with, you may have each one of the transmitters pictured above, or two of the same type transmitter. Confirm this with your dealer.

### Automatic Arming

Once you have turned the ignition key to the “Off” position, your Silencer engine immobilizer will become armed within 30 seconds. Upon arming, the device will emit 1 soft chirp. Restarting the engine before 30 seconds will stop the timer and reset it.

**Note:** If your system was supplied with an “Automatic Disarm Transmitter”, you will need to leave the vicinity of your vehicle (approximately 60 feet) before the automatic arming function will execute. (Remaining in close proximity of your vehicle could prevent it from arming). The distance requirement may prevent you from hearing the soft arming chirp.

### Manual Disarming

**3-Button Transmitter:** When you return to your vehicle to start the engine, press the “Disarm” button on the 3-button transmitter. When the system is disarmed, the device will emit 2 chirps indicating it’s disarmed.

**1-Button Transmitter:** When you return to your vehicle to start the engine, press the transmitter button. When the system is disarmed, the device will emit 2 chirps indicating it’s disarmed.

### Automatic Disarming (Automatic Disarm Transmitter Required)

**1-Button Automatic Disarm Transmitter:** When you return to your vehicle, at some point, between a distance of approximately 60 feet and the time you insert your ignition key to start the engine, the automatic disarm transmitter will disarm your system. Once disarmed, the device will emit 2 chirps. No action is required by the operator.

**Note:** In areas of high radio frequency noise, the automatic disarm function of the transmitter may get blocked or interfered with and not disarm your system. In this event, press the transmitter button to perform a manual disarm.

## Radio Frequency (RF) Protection Rearm Timer

Each time the system is disarmed using the transmitter the device will begin a protection mode countdown. This is a timed secondary protection mode. If you do not start your vehicle within 60 seconds, your Silencer system will become rearmed and your engine will become disabled again.

**Note:** If your system operates from a “Automatic Disarm Transmitter”, the 60 second RF protection timer will not time-out and will rearm your system if you remain within 60 feet of your vehicle.

## 1-Button Automatic Transmitter Mode Programming

If your transmitter package contains one or more of the 1-button automatic disarm transmitters, the default operating mode will be “Manual Mode” (to preserve the battery life while not in use). To change the operating mode to “Automatic Mode”, follow these steps:

1. Press the middle area of the button and hold it down until the LED light on the side of the button becomes solid red. Release the button.  
**Note:** The LED may flash. Continue holding the button until the flashing stops and the LED becomes solid red.
2. Press and release the center of the button 3 times. You will notice that the red LED light will be off.
3. Press and hold the center of the button until the LED flashes. Release the button.  
**3 flashes** = The transmitter is in “Automatic Disarm” mode.  
**1 flash** = The transmitter is in “Manual Disarm” mode.
4. Confirm the mode of the transmitter. Press and release the center of the button and watch the flash sequence of the LED.
5. The transmitter operating mode can be changed at any time by following Steps 1-3. Confirm the mode by following Step 4.

### 3-Button Transmitter

The Valet Mode allows you to temporarily turn off the passive arming function, eliminating the need to give your transmitter to a parking attendant or garage mechanic.

To enter the Valet Mode, follow these steps:

1. Press the “Disarm” button on your transmitter to insure the device is disarmed (you will hear 2 beeps).
2. Within 3 seconds of pressing the disarm button, press and release the “Valet On” button 3 times slowly. The device will emit 3 long beeps to indicate the Valet Mode is “On”.
3. Within 30 seconds, start the vehicle’s engine and then shut it off to secure the Valet Mode. If this step is not completed, the Silencer unit will become armed and your transmitters will not function. If this happens, follow the Emergency Override procedure on page 5 to disarm your system.

To exit the Valet Mode, follow these steps:

1. Press the “Disarm” button on your transmitter (you will not hear any beeps).
2. Within 3 seconds of pressing the disarm button, press and release the “Valet Off” button 3 times slowly. The device will emit 1 long beep to indicate the Valet Mode is “Off”.

### 1-Button Transmitter (Includes Automatic Disarm Transmitter)

To enter the Valet Mode, follow these steps:

1. Press the button on your transmitter to insure the device is disarmed (you will hear 2 beeps).
2. Within 3 seconds of pressing the button, turn ignition On/Off 3 times and wait 5 seconds. Turn the ignition On/Off 3 more times. The device will emit 3 long beeps to indicate the Valet Mode is “On”.

To exit the Valet Mode turn the ignition On/Off 3 times and wait 5 seconds. Turn the ignition On/Off 3 more times. The device will emit 1 long beep to indicate the valet mode is “Off”.

**Note:** To enter or exit the valet mode, some vehicles will require the engine to be started then stopped (instead of just turning the ignition on and off) to provide the correct programming signal to the Silencer unit.

## Emergency Override

There may come a time when it will be necessary to manually disarm your Silencer system without using your transmitter. This condition occurs if the your transmitter battery is low, dead or if your transmitter becomes damaged or lost. Under these circumstances, it will be necessary to use your ignition key to perform the emergency override procedure to get your vehicle operational. Repeat the procedure below to perform the emergency override function.

1. Turn the ignition key to the "Crank" position, then turn the key off.  
Repeat this procedure 1 more time.
2. Wait for 10 seconds.
3. Turn the ignition key to the "Crank" position, then turn the key off.  
Repeat this procedure 1 more time.
4. Wait for 10 seconds.
5. Turn the ignition key to the "Crank" position, then turn the key off.  
Repeat this procedure 1 more time and the engine will start.

**Note 1:** For vehicles with manual transmission, you must depress the clutch while performing the Emergency Override procedure.

**Note 2:** Once disarmed, follow the procedure on Page 4 to put the unit into the Valet Mode until your transmitter is replaced or repaired.

**Note 3:** Vehicles with "Power Sentinel" feature (when you turn off the ignition the radio stays on until you open a door and then it turns off) will require that the driver's door be open when the override procedure is performed.

## System Maintenance

The only maintenance that your Silencer vehicle immobilizer requires is a periodic check to insure that all operations are functioning normally. This is also good practice for you to refresh your memory on “Emergency Override” and “Valet Mode” procedures.

## Batteries

### 1-Button and 3-Button Manual Disarm Transmitters

The battery supplied with the 1-button and 3-button transmitters has an average life of 1 year. Heavy transmitter usage will reduce battery life. Reduced transmitter range is usually an indication that the battery is becoming weak and should be replaced. Transmitters that are not in use should have the battery removed.

### 1-Button Automatic Disarm Transmitter

The battery supplied with the 1-button automatic disarm transmitter has an average life of 1 year. When the battery in this transmitter becomes weak, the automatic disarm function will stop operating and you will be required to press the transmitter button to manually disarm your system. Loss of the automatic disarm function indicates that the battery is low and must be replaced soon.

**Note:** When the automatic disarm transmitter function changes to manual mode, each time you press the transmitter button, the transmitter LED will flash 2 times.

## Battery Replacement

To replace or remove the batteries for storage in your transmitter follow these steps:

1. Turn the transmitter over and locate the slot at the edge of the transmitter case.
2. Use a small flathead screwdriver to pry apart the top and bottom case of the transmitter while keeping the button side facing downward.
3. Once the back is completely removed, press on the button face to remove the entire transmitter assembly from the case.
4. Separate the transmitter circuit board from the rubber button case and slide the old battery out of it's holder.
5. Replace the battery in reverse sequence observing the correct polarity of the battery (+ battery side should be facing upward).
6. **3-Button and 1-Button Transmitters:** The 3-volt battery for these transmitters is model **CR2032**.  
**1-Button Automatic Disarm Transmitter:** The 3-volt battery for this transmitter is model **CR2450**.



## 3 Year Warranty

Your new **Silencer® Security Systems** is warranted to be free of defects for 3 years. **Silencer®** or its authorized agents will within 3 years from the date of sale to you, repair or replace said product or any part thereof, at the option of the **Silencer®** or its authorized agents, if said product or part is found defective in materials or workmanship, when properly connected and operating on the correct power requirements designated for the specific product. This warranty and **Silencer®** or its authorized agents obligations hereunder do not apply where the product was; damaged while in the possession of the consumer, subjected to unreasonable or unintended use, not reasonably maintained, or serviced by anyone other than **Silencer®** or its authorized agents, or where the warning seal on the product is broken or the power and/or plugs are detached from the unit. This warranty does not cover the cabinet appearance items or accessories used in connection with this product, or any damage to the products resulting from improper installation, alteration, accident, misuse, abuse or acts of nature. **Silencer®** OR ITS AUTHORIZED AGENTS SHALL NOT BE LIABLE TO ANYONE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR CLAIMS EXCEPT THOSE ACCORDED BY LAW. NO EXPRESSED WARRANTY OR IMPLIED WARRANTY IS GIVEN EXCEPT THOSE SET FORTH HEREIN. NO IMPLIED WARRANTY SHALL EXTEND BEYOND 3 YEARS FROM THE DATE OF SALE. Some states do not allow limitations on how long an implied warranty lasts, and some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusion may not apply to you. This warranty gives you specific legal rights, and you may have other rights that vary from state to state. Defective merchandise should be returned to the original point of purchase or secondly, to 1111 W. Victoria Street, Compton CA 90220. Return Authorization must be obtained before sending, or merchandise may be refused. All claims concerning your **Silencer® Security System** should be referred to your selling dealer. If you are away from the vicinity of the selling dealer please call (800) 340-3200.





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