

## Don't forget the **ACCESSORIES!**



**E-200H** : SK-919TD2A (315MHz)  
**E-200H-4** : SK-939TS2A (433.92MHz)  
Spare transmitter — Get one for everyone who drives your car (2 included with alarm)



**SR-5240 or SR-5440N**  
Window roll-up modules for 2-door or 4-door cars

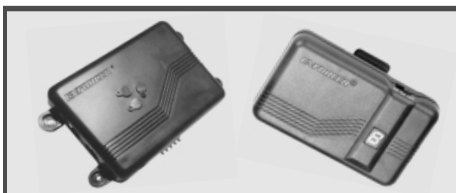


**SS-051ME**  
Glass-break sensor — Detects the high-frequency sound of glass breaking



**SLI® 259A**  
Microwave sensor — Detects movement inside car, protects open-top vehicles

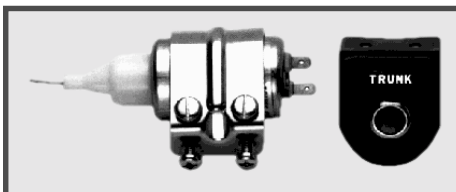
NOTE — The accessories on this page are optional.



**SECOPAGE® 35E**  
Vehicle security pager pages you if your car is broken into



**SR-5202 or SR-5204**  
Complete 2-door and 4-door lock kits for cars without power door locks



**SR-5911**  
Power trunk release — Adds convenience to cars without power trunk release

### Make your alarm **YOUR** alarm!

Your dealer has a wide variety of other accessories which can increase your alarm's security and convenience. Ask for more information. And insist on **GENUINE** SECO-LARM accessories!

# OWNER'S MANUAL

# **ENFORCER®**

**200H** (315MHz) / **200H-4** (433.92MHz)

Remote Controlled  
Vehicle Security System  
with ANTI-CARJACK Feature

**SLI®**  
**SECO-LARM® U.S.A., INC.**  
16842 Millikan Avenue  
Irvine, California 92606

FILE:Mo200H.p65/NOV 2001  
ORDER PART# 760-874-1/885

## CONGRATULATIONS

From the moment you purchased this ENFORCER Vehicle Security System, you became a part of the SECO-LARM family. You started taking advantage of over 29 years of advanced engineering. You joined a team of engineers, technicians, designers, and people like yourself who know how important protecting your car is. You discovered the SECO-LARM difference.

This difference is important because the ENFORCER is more than just an alarm. It is a complete security and convenience system. It is like having your personal security guard and butler on call in your car, 24 hours a day.

Keep in mind that the best security systems will not work properly without careful installation. Therefore, the ENFORCER is designed for installation by your professional SECO-LARM dealer. He understands both his alarms and your needs, and will work hard to ensure the ENFORCER does its job for you. Welcome to the family: SECO-LARM, your dealer, and you!

## IMPORTANT

This ENFORCER security system contains many innovative features and unique functions. Please read this Owners Manual carefully in order to understand all of this alarm's security and convenience features. Some features may require the addition of sensors or accessories not included with this alarm. Please consult your professional SECO-LARM dealer.

## NOTICE

The information and specifications printed in this manual are current at the time of publication. However, the SECO-LARM policy is one of continual development and improvement. For this reason, SECO-LARM reserves the right to change specifications without notice. SECO-LARM is also not responsible for misprints or typographical errors.

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## INSTRUCTIONS TO THE USER

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of more of the following measures:

- \* Reorient or relocate the receiving antenna.
- \* Increase the separation between the equipment and receiver.
- \* Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- \* Consult the dealer or an experienced radio/TV technician for help.

This equipment has been certified to comply with the limits for a class B computing device, pursuant to FCC Rules. In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

This device complies with FCC Rules Part 15. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference that may be received, including interference that may cause undesired operation.

## Appendix 2 — UNDERSTANDING THE LED FLASHES

- A. **Armed indicator** — Flashes when the alarm is armed.
- B. **Disarmed indicator** — OFF when the alarm is disarmed.
- C. **RF reception indicator** — ON while transmitter button is pressed.
- G. **Valet mode indicator** — Flashes slowly if the ignition switch is turned OFF (no flash if the ignition is ON).
- H. **ANTI-CARJACK indicator** — Steady ON, starting when the ANTI-CARJACK mode has been triggered. (Please see page 8 for details.)

## Appendix 3 — PROGRAMMABLE FEATURES

Programmable features allow you to customize your alarm. Your dealer can program them when the alarm is installed.

- **Ignition-controlled door locks** — The doors can be set to automatically lock/unlock when ignition is turned ON/OFF.
- **Passive/active arming** — In passive arming, the alarm arms itself when you turn the ignition OFF and close the last open door. In active arming, press transmitter button #1 to arm the alarm.
- **Permanent chirp delete** — Permanently enables or disables the siren's chirps.
- **Manual/auto door locks in passive arming mode** — If your alarm is set for passive arming, it can be set to lock the doors automatically when it arms (don't forget to take your keys!) or you must press transmitter button #1 to lock doors.
- **ANTI-CARJACK mode enabled/disabled** — Allows the ANTI-CARJACK mode to be available for use, or permanently turned off. (Please see page 8 for details.)
- **Permanent disarm or auto rearm in active mode** — If your alarm is set for active arming, choose whether it will completely disarm when you press transmitter button #1, or rearm automatically if you do not open a door within a certain time.

## STARTER DISABLE

With this optional feature, while your alarm is armed, your car will not start, even if a thief has your keys.

## TAMPER INDICATOR

If your alarm was triggered when you were away, the siren will chirp four times and the parking lights flash four times then turn ON for 6 seconds when you disarm your alarm.

These "memory" flashes automatically reset when the ignition is turned ON.

## Appendix 1 — UNDERSTANDING THE SIREN CHIRPS AND LIGHT FLASHES

### A. 1 chirp/flash:

- When transmitter button #1 is pressed, the alarm is armed.
- When a door is closed, the alarm will arm in 30 sec. (passive arming).
- 30 sec. after ignition switch is turned OFF and all doors are closed (or delayed domelights turn OFF), the alarm is armed (passive arming).
- Successfully entered the valet mode.

### B. 2 chirps/flashes:

- When transmitter button #1 is pressed, the alarm is disarmed.
- Successfully exited the valet mode.

### C. 3 chirps/flashes:

- Pre-intrusion warns potential thieves or vandals who trigger the first stage of any dual-stage sensor that your car is protected by an alarm.
- When pressing transmitter button #1 to arm the alarm, indicates the alarm arms even though it is not set properly

(door not closed, or broken switch, or domelight is still ON, see ZONE BYPASS on page 5).

- When pressing transmitter button #1 then #2, indicates sensor bypassed (see SENSOR BYPASS on page 5).
- Completed emergency disarm.

### D. 4 chirps/flashes:

- When the alarm is disarmed, indicates the alarm was triggered while you were away.
- When transmitter button #1 is pressed, indicates the alarm in valet (flashes only, no chirps).

### E. Continuous chirps/flashes — ANTI-CARJACK mode triggered, stage 2. (For details, see page 8.)

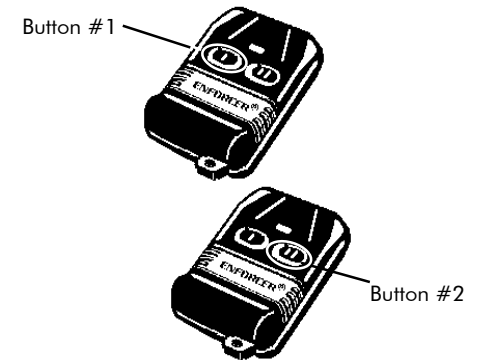
NOTE — The chirps for arm, disarm, pre-intrusion, zone bypass, sensor bypass, emergency disarm, valet, and tamper can be deleted (see CHIRP DELETE, page 7).

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## TRANSMITTER FUNCTIONS

1. Press transmitter button #1 to:
  - Arm and disarm the alarm.
  - Turn the siren ON (and shut it OFF) in an emergency.
  - Lock/unlock power door locks.
  - Bypass an open zone.
2. Press transmitter button #2 to:
  - Operate channel 2 (such as popping the trunk or rolling up the windows).
  - Silently arm or disarm the alarm.
  - Bypass the alarm's sensors.



# ARMING

There are two different ways to arm your alarm. Tell your dealer which is best for you:

## □ Active Arming

Turn your ignition OFF. Close all the doors. Then press transmitter button #1. If the siren chirps and parking lights flash once, the alarm is fully armed.



If the siren chirps 3 times, the alarm is either waiting for the vehicle's delayed domelights to turn OFF (if your vehicle is so equipped), or it is telling you that one of the alarm's zones (a door, or the hood or trunk) is either open or is not functioning properly. (See ZONE BYPASS, page 5). Also, check to make sure your car's domelight switch was not left in the ON position.

## □ Passive arming

Turn the ignition OFF, and open a door to exit the car. When the last door is closed (and the domelight turns OFF, if your car has delayed domelights), the siren chirps and the parking lights flash once. After the 30-second arming countdown, the siren chirps and parking lights flash once more to confirm the alarm is completely armed.

If you wish, you can open a door during

the arming countdown, and keep it open for as long as needed. Close the last door, and the siren will chirp and parking lights flash once to show the 30-second arming countdown has started again. The LED will also begin to flash quickly again.

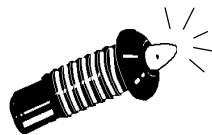
If you close the last open door, and the siren does not chirp and parking lights do not flash, you know that one or more openings are not closed properly. This is SECO-LARM's patented Quick and Quiet Testing (Q.Q.T.™), and it prevents you from thinking your alarm is armed when it may not be. In this case, double-check that all the doors, as well as the hood and trunk, are closed properly, and that your vehicle's domelights are OFF. If you cannot locate the problem, but need to arm the alarm, then press button #1 to immediately arm the alarm and bypass whatever zone is open (see ZONE BYPASS, page 5).

**NOTE** — Under passive arming, you can force your alarm to arm immediately any time during the 30-second arming countdown by pressing transmitter button #1.

**NOTE** — Make sure your car's domelight switch is not in the ON position when you arm your alarm either actively or passively. The alarm may not arm properly if the domelight switch is left ON.

**NOTE** — There are references to opening or closing a door throughout this manual. "Door" also includes your hood and trunk, if they are protected. Ask your dealer.

LED starts flashing to show the alarm is armed.



order to exit ANTI-CARJACK and start the engine.



- d. To do emergency disarm, turn the ignition OFF, then turn the ignition ON, and then press the VEPL switch three times. Once ANTI-CARJACK is exited, the lights stop flashing, the siren stops sounding, and the LED flashes slowly. The alarm is now in the valet mode.

**Note:** While in Stage 3, if the ignition is turned ON and the emergency disarm procedure not performed, the lights will

continue to flash and siren sound until 30 sec. after the ignition is again turned OFF.

- C. Transmitter use during ANTI-CARJACK

The alarm's transmitters can be used to lock and unlock the doors or arm and disarm the alarm once ANTI-CARJACK has been triggered. However, once the starter disable is engaged, emergency disarm must be done in order to exit the ANTI-CARJACK mode and re-start the engine.



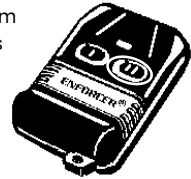
# 2nd CHANNEL OUTPUT

**2nd channel** is commonly used to "pop" the trunk, but can operate other accessories.

To use, press transmitter button #2 for 3 seconds, either while the ignition is ON and any door is opened, or while the ignition is OFF.

If your alarm is armed, it will disarm before the trunk opens or other accessory is activated. If your alarm is set for active arming, you must press the button again once

the trunk is closed to re-arm the alarm. If your alarm is set for passive arming, it will automatically reararm once the trunk is closed (assuming the trunk is protected by the alarm — ask your dealer).



**NOTE** — If no doors are connected directly to your alarm, 2nd channel will not operate with the ignition ON. Ask your dealer for details.

# ARMED

When the 30-second arming countdown ends, or when button #1 is pressed, the siren chirps and parking lights flash once, and the

# POWER DOOR LOCKS

With this optional feature, your alarm can automatically lock the doors when armed and unlock the doors when disarmed. The doors lock and unlock any time transmitter button #1 is pressed (exception — See EMERGENCY CALL FOR HELP, page 5). For extra security, they lock automatically if the alarm is triggered.

Your alarm can be programmed for ignition-controlled operation (doors lock when you turn the ignition ON, and unlock when the ignition is turned OFF). It can also be programmed to lock the doors every time the alarm passively arms (be careful not to leave the keys and transmitters in the car!). Ask your dealer.

## ANTI-CARJACK PROTECTION

### A. Enabling the ANTI-CARJACK function:

If the ANTI-CARJACK toggle switch is not installed, you cannot use the ANTI-CARJACK function (please ask your dealer).

To enable the ANTI-CARJACK function, put the ANTI-CARJACK toggle switch to the ON position. If the ANTI-CARJACK toggle switch is OFF, the ANTI-CARJACK function cannot be entered.



Once the ANTI-CARJACK function is enabled, you can disable it by turning the ANTI-CARJACK toggle switch OFF. However, this must be done before you turn the ignition ON.

### B. Stages of the ANTI-CARJACK mode:

#### 1. Stage 1

- a. ANTI-CARJACK is triggered if someone opens and closes a door while the ignition is ON or opens and closes a door and then turns the ignition ON. Once ANTI-CARJACK is triggered, turning OFF the ANTI-CARJACK toggle switch will have no affect. At this point, Stage 1 begins. Stage 1 lasts for up to 30 seconds.
- b. During the 30 seconds, the LED is steady ON.
- c. Pressing the VEPL switch one time during the 30 seconds exits ANTI-CARJACK. Once ANTI-CARJACK is exited, the LED turns OFF.
- d. If the ignition is switched OFF at any time during the 30 seconds without first pressing the VEPL switch, Stage 1's 30-second countdown will pause, but ANTI-



CARJACK will not exit. The LED will turn OFF. The next time the ignition is turned ON, Stage 1's 30-second countdown will pick up where it left off.

#### 2. Stage 2

- a. Once Stage 1 ends, Stage 2 begins. Stage 2 also lasts for up to 30 seconds.
- b. While in Stage 2, the LED remains steady ON, the parking lights flash, and the siren continuously chirps.
- c. Pressing the VEPL switch at any time during this stage exits ANTI-CARJACK provided the ignition is still ON. (If the ignition is turned OFF before pressing the VEPL switch, the alarm jumps to Stage 3, see below.) Once ANTI-CARJACK is exited, the lights stop flashing, the siren stops chirping, and the LED turns OFF. The alarm can now be used as normal.



#### 3. Stage 3

- a. Once Stage 2 ends, Stage 3 immediately begins.
- b. While in Stage 3, the LED remains steady ON, and the parking lights continue to flash. However, the siren sound changes from chirping to a full blast (sound continuously). The lights flash and the siren sounds until the emergency disarm procedure is performed or until 30 seconds after the ignition is turned OFF.
- c. The starter disable output is engaged. This means that turning the ignition OFF or pressing the VEPL switch one time will have no affect. The emergency disarm procedure must be performed in

## ZONE BYPASS

When you press button #1 to arm the alarm, and the alarm responds with three chirps and three light flashes, there are two possibilities:

- A. Delayed domelights — If your domelights do not immediately turn OFF when you close your car door (in other words, your vehicle has delayed domelights), this is normal. The alarm should protect all the openings once the domelights go OFF.
- B. A zone was bypassed — In other words, the alarm has armed, but a door may not be protected (either because it is open, or because its pin switch is broken). If the

bypassed door is later closed, it will be restored.

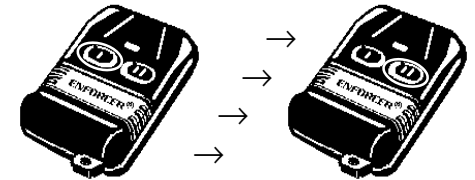
If your alarm indicates a bypassed zone, find the cause as soon as possible to ensure your vehicle is completely protected. For instance, if your driver's door is not properly closed when you arm your alarm, a thief may be able to open any door without setting off the alarm.

**NOTE** — The chirps to confirm zone bypass will not sound if chirp delete is engaged. However, the parking lights will still flash three times. See CHIRP DELETE, page 7.

## SENSOR BYPASS

This feature lets you turn off the Dual Stage Sensor and any other auxiliary sensors included with your ENFORCER system, while leaving the rest of the alarm armed. This is useful at places like airports or parking structures where there may be excessive vibration causing your system to trigger inadvertently.

Should you wish to bypass your alarm's sensors, first press button #1 to arm the alarm (even if the alarm is set for passive arming). The siren chirps and the parking lights flash once (three times if a zone is



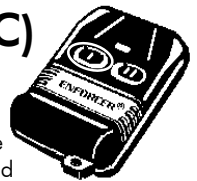
bypassed) to confirm armed. Within three seconds, press button #2. The siren chirps three times and the parking lights flash three times to confirm sensors are bypassed. The sensors are automatically restored the next time button #1 is pressed.

**NOTE** — The chirps to confirm zone bypass will not sound if chirp delete is engaged. However, the parking lights will still flash three times. See CHIRP DELETE, page 7.

## EMERGENCY CALL FOR HELP (PANIC)

To trigger the alarm in an emergency, press and hold transmitter button #1 for 3 seconds. The siren sounds and the parking lights flash for about 30 seconds. Stop the siren and the parking lights any time by pressing button #1 again.

If the alarm was disarmed when you triggered the emergency call for help, the alarm immediately arms and the doors lock. If the alarm was armed, the opposite will occur.



## TOTAL PROTECTION

While your alarm is armed, your car is protected in the following ways:

- Potential thieves or vandals will be deterred by the flashing LED.
- If anyone opens a door, the alarm will immediately sound the siren and flash the parking lights for 30 seconds, after which the alarm will rearm, bypassing any open doors.
- Turning the ignition key ON will trigger the alarm for 30 seconds.
- The starter disable prevents the car from being started.
- If the shock sensor detects light taps on the car, it will trigger the pre-intrusion alert (the siren chirps three times and the parking lights flash three times) to warn potential thieves and vandals. However, if the shock sensor detects a strong shock to the car, such as shock caused by prying the trunk open, it will trigger the alarm for 30 seconds. (See DUAL-STAGE SHOCK SENSOR, page 8.)

## DISARMING

To disarm the alarm, press button #1. The siren chirps twice, the parking lights flash twice then turn steady ON for 6 seconds (or until you turn the ignition ON), and the LED turns OFF. What happens next depends on how your alarm is set (ask your dealer):

**Alarm set for active arming with permanent disarm**

The alarm is now completely disarmed.

**Alarm set for active arming with automatic rearm**

The system will enter arming mode. If a

door is opened, the system is permanently disarmed.

**Alarm set for passive arming with automatic rearm**

The system will enter arming mode. If a door is opened, the system is only temporarily disarmed. Closing the open door will cause the alarm to re-arm 30 seconds later. To fully disarm the alarm, turn the ignition ON while the door is opened, or within 30 seconds after closing the door.



## EMERGENCY DISARM

If you lose your transmitter, you can disarm your alarm with the ignition key and "VEPLe" switch. While your alarm is either armed or triggered, turn the ignition switch ON. Within 15 seconds, press and release the VEPLe switch 3 times. The siren and the flashing

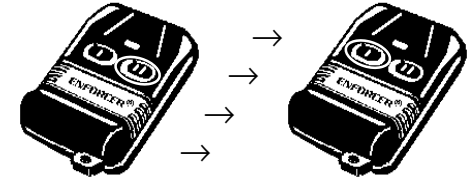
lights stop if the alarm was triggered, and then chirp and flash three times. The alarm is now in valet (see VALET on page 7). Ask your dealer where the switch is hidden.



## CHIRP DELETE (silent arm/disarm)

There are times, especially at night, when you may not want to hear the siren chirps. There are 2 ways to delete chirps:

- A. **One-time delete** — Just press button #2 any time before you need the chirps deleted. For instance, press button #2 before you press button #1 to arm or disarm the alarm, and the chirps will not sound, but the parking lights will still flash. The chirps are restored the next time you press a transmitter button.
- B. **Permanent delete** — Your dealer can program your alarm to delete the chirps on a permanent basis.



**NOTE** — Either method deletes the arm, disarm, pre-intrusion, zone bypass, sensor bypass, emergency disarm, valet, and tamper chirps. However, it does not affect the flashing parking lights.

## VALET

Sometimes you may not wish your alarm to arm when you leave your vehicle. (For instance, if you leave your car with a valet attendant, you may not want to teach him how the alarm operates.) If your alarm is set for active (manual) arming, this is easy — don't press button #1, and the alarm will not arm. However, if your alarm is set to arm passively, use the valet mode to prevent it from arming.

To enter valet, first disarm the alarm and turn the ignition ON. Within 15 seconds, press and release the VEPLe button 3 times. The alarm is now in the valet mode. The siren chirps and the parking lights flash once to

confirm. (Your alarm also goes into valet when you use emergency disarm. See EMERGENCY DISARM on page 6.)

To exit valet, just turn the ignition ON and, within 15 sec., press and release the VEPLe button 3 times. The siren chirps twice and the parking lights flash twice to confirm valet is exited and that the alarm is now disarmed.

If you press transmitter button #1 while the alarm is in valet, the doors will lock or unlock, and the parking lights will flash four times. The alarm's emergency call for help and the 2nd channel output operate normally.

## DUAL-STAGE SHOCK SENSOR

Your alarm includes a patented dual-stage shock sensor.

The first stage (pre-intrusion alert) warns thieves the alarm is armed. For instance, the alarm will chirp three times and the parking lights will flash three times if the sensor detects a light bump to the vehicle. However, if the

thief attacks the car with sufficient force, the alarm will trigger. (Your dealer can make the shock sensor more or less sensitive to attack, depending on your vehicle.)

**NOTE** — The shock sensor will not be ready to trigger the alarm until three seconds after the alarm is armed.