

OWNER'S MANUAL

ENFORCER[®]

SLI 840 / SLI 840C

(315 MHz)

SLI 840-4 / SLI 840C-4

(433.92 MHz)

Remote Controlled
Keyless Entry System with Alarm

SLI[®]

SECO-LARM[®] U.S.A., INC.

16842 Millikan Avenue,
Irvine, California 92606

FILE: MANUALS\MoSLI840.P65/NOV2000
ORDER PART# 760-883-2/913



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 32 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.

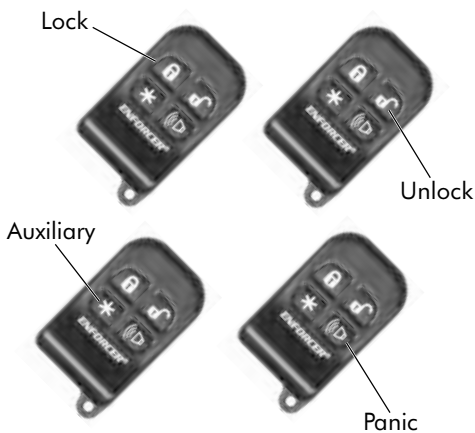
This device complies with FCC Rules Part 15. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference that may be received, including interference that may cause undesired operation.

TABLE OF CONTENTS

Transmitter Functions -----	3	Tamper Indicators, Trigger Zone ID ---	8
Arming -----	4	Dual-stage Shock Sensor -----	8
Armed -----	4	Starter Disable -----	9
Zone Bypass -----	5	2nd Channel Output -----	9
Sensor Bypass -----	5	Power Door Locks -----	9
Emergency Call for Help (Panic) -----	5	Domelight Supervision -----	9
Total Protection -----	6	Appendix 1 — Understanding the Siren Chirps & Light Flashes -----	10
Disarming -----	6	Appendix 2 — Understanding the LED Flashes -----	11
Patented Stay-Safe Disarm™ -----	6	Appendix 3 — Programmable Features -----	11
Emergency Disarm -----	7	Accessories -----	12
True Trigger™ -----	7		
Chirp Delete (Silent arm/disarm) -----	7		
Valet -----	8		

TRANSMITTER FUNCTIONS

1. Press the Lock button to:
 - Arm the alarm.
 - Lock power door locks.
 - Bypass an open zone.
2. Press the Unlock button to:
 - Disarm the alarm.
 - Unlock power door locks.
3. Press the Auxiliary (*) button 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.
4. Press the Panic button to:
 - Turn the siren ON in an emergency.



These features and functions are explained in this Owner's Manual.

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 the Lock button. 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. The LED flashes quickly during the 30-second arming countdown, after which 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. The LED turns OFF while the door is opened. 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 the Lock button to immediately arm the alarm and bypass whatever zone is open (see ZONE BYPASS, page 5).

Door Locks — The system can be programmed to automatically lock the doors when armed. Ask your dealer.

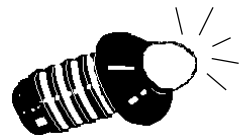
NOTE — Under passive arming, you can force your alarm to arm immediately any time during the 30-second arming countdown by pressing the Lock button.

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.

ARMED

When the 30-second arming countdown ends, or when the Lock button is pressed, the siren chirps and parking lights flash once, and the LED starts flashing to show the alarm is armed.



ZONE BYPASS

When you press the Lock button 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.

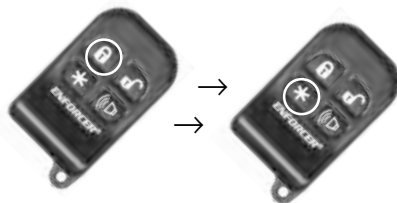
If your alarm indicates a bypassed zone, find the cause as soon as possible to ensure your vehicle is completely protected. For instance, if your driver's door is not properly closed when you arm your alarm, a thief may be able to open any door without setting off the alarm.

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 is useful if you know, based on experience, that your shock sensor (or other add-on sensors) will false trigger, such as when you park near a construction site.

Should you wish to bypass your alarm's sensors, first press the Lock button 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 the Auxiliary (*) button. 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 the Lock button 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 the Panic button for 1 seconds. The siren sounds and the parking lights flash for about 30 seconds. Stop the siren and the parking lights any time by pressing the Panic button again.



TOTAL PROTECTION

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

- Potential thieves or vandals should be deterred by the flashing LED.
- If anyone opens a door, the alarm will immediately sound the siren and flash the parking lights for up to three 30-second cycles, 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.)
- Optional SECO-LARM shock, motion, glass-break, and microwave sensors will offer your alarm additional protection. Ask your SECO-LARM dealer.

DISARMING

To disarm the alarm, press the Unlock button. 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 Secure Lock™ off

The alarm is now completely disarmed.

Alarm set for active arming with Secure Lock™ on

The system will automatically rearm and relock the doors 30 seconds later unless a door is opened during this time. This

prevents accidental disarming. During this 30-second period, the LED flashes quickly.

Alarm set for passive arming

The system will automatically rearm itself 30 seconds later. If a door is opened, the system temporarily disarms. Closing the open door will again cause the system to enter the 30 second rearm period.

If set for **Secure Lock™**, the doors will lock when the system rearms. Otherwise, the doors do not automatically relock.

PATENTED STAY-SAFE DISARM™

Any time your alarm is triggered (the siren is sounding and the parking lights are flashing), press the Lock button once to shut the siren and flashing parking lights OFF while the alarm stays completely armed.

NOTE — If a door was open when you pressed the Lock button, the siren chirps three times and the parking lights flash three times to confirm it is not protected (see ZONE BYPASS, page 5).

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 8). (Ask your dealer where the switch is hidden.)

TRUE TRIGGER™

True Trigger stops repeated false triggers from becoming a nuisance. Alarm trigger inputs (except pre-intrusion) which trigger five times while the alarm is armed are automatically bypassed. The rest of the alarm, however, continues to protect the vehicle. All such bypassed zones automatically reset when the alarm is disarmed, or if 30 minutes pass after the last trigger input was tripped with no further triggering of any zones. However, if

any zones is triggered during the 30-minute countdown, the countdown restarts.

(This feature can be programmed on or off — ask your dealer.)

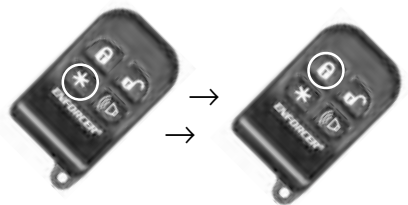
CHIRP DELETE (silent arm/disarm)

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

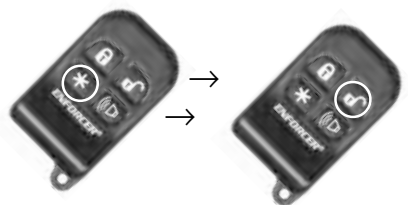
- A. **One-time delete** — Just press the Auxiliary (*) button any time before you need the chirps deleted. For instance, press the Auxiliary (*) button before you press the Lock button to arm the alarm, and the chirps will not sound, but the parking lights will still flash. The chirps are restored the 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, they do not affect the flashing parking lights.

Silent Arm



Silent Disarm



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 the Lock button, 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 three 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 7).

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

If you press the Lock or Unlock button 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 2nd channel output operate normally.

TAMPER INDICATORS & TRIGGER ZONE ID

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 six seconds when you disarm your alarm. The LED flashes in quick cycles to show where the car was violated as follows:

- 2 flashes — The alarm was triggered via emergency call for help (panic), or the ignition switch was turned on.
- 3 flashes — Shock sensor or other add-on sensor was triggered.

- 4 flashes — A door was opened.
- 5 flashes — The hood or trunk was opened.



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

DUAL-STAGE SHOCK SENSOR

Your alarm can be installed with an optional 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 five seconds after the alarm is armed.

STARTER DISABLE

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

Your alarm also has Automatic Starter Disable (ASD™). If your alarm is set for active arming, and you do not arm your alarm, ASD

automatically engages the starter disable 10 minutes after you turned the ignition switch OFF. The LED stays ON constantly to show ASD is engaged. Once engaged, you must press the unlock button to disengage ASD before the car will start. (Programmable — ask your dealer.)

2nd CHANNEL OUTPUT

Your transmitter has an extra channel to control optional accessories.

2nd channel is commonly used to "pop" the trunk. To use, press the Auxiliary (*) button for two seconds, either while the ignition is ON and any door is opened, or while the ignition is OFF. The alarm will disarm first to prevent the siren from sounding. (NOTE — If no doors are connected directly to your alarm, the 2nd channel will not operate with the ignition ON. Ask your dealer for details.)



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 when you press the Lock button and unlock when you press the Unlock button.

For extra security, they lock automatically if the alarm is triggered. (Exception — See EMERGENCY CALL FOR HELP, page 5.)

Your alarm can be programmed for ignition-controlled operation (doors lock when you turn the ignition ON, and/or 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, though!). Ask your dealer.

DOMELIGHT SUPERVISION

With this optional feature, whenever you disarm the alarm, your car's domelights turn ON for 30 seconds. This helps find your car

at night and make sure no one is hiding in it. If the alarm is triggered, your car's domelights will continuously flash.

Appendix 1 — UNDERSTANDING THE SIREN CHIRPS AND LIGHT FLASHES

A. 1 chirp/flash:

- When the Lock button 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 the Unlock button is pressed, the alarm is disarmed. (After the two flashes, the parking lights turn steady ON for 6 sec.)
- 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 the Lock button 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 the Lock button followed by the Auxiliary (*) button, 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 the Lock or Unlock button is pressed, indicates the alarm in valet (flashes only, no chirps).

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).

Appendix 2 — UNDERSTANDING THE LED FLASHES

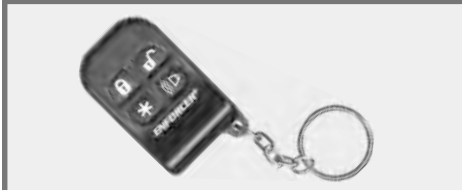
- A. **Arming indicator** — Flashes quickly during the 30-second rearm or passive arming countdown.
- B. **Door open indicator** — OFF when a hardwired door is opened during the 30-second rearm or passive arming countdown.
- C. **Armed indicator** — Flashes when the alarm is armed.
- D. **Disarmed indicator** — OFF when the alarm is disarmed.
- E. **Tamper and triggered zone ID** — Flashes one or more times after alarm disarmed to indicate which zone triggered. (see page 8.)
- F. **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 ignition is ON).
- H. **Automatic Starter Disable (ASD™) engaged** — Steady ON, starting 10 minutes after ignition switch turned OFF.

Appendix 3 — PROGRAMMABLE FEATURES

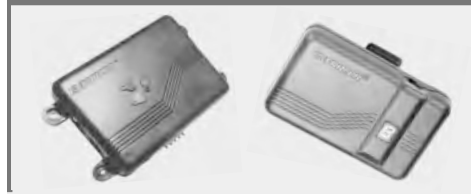
Programmable features allow you to customize your alarm. Your dealer can program them when the alarm is installed.

- **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 the Lock button 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!). Otherwise, you must press the Lock button to lock the doors.
- **Ignition-controlled door locks** — The doors can be set to automatically lock and/or unlock when the ignition is turned ON/OFF.
- **Ignition-controlled domelights** — When you turn the ignition OFF, do you want the domelights to come on for 30 seconds? Ask your dealer.
- **Siren and/or horn output** — Instead of, or in addition to, a siren, ask your dealer to connect the alarm to honk your car's horn. In this case, the horn functions similarly to the siren, except that the siren sounds steady and the horn honks when the alarm is triggered.
- **Secure Lock** — When enabled, the system will rearm/relock itself if you do not open a door within 30 seconds of disarming. This prevents accidental system disarming.
- **True Trigger™** — Enable True Trigger, which bypasses a sensor that repeatedly trips to help stop false alarms.
- **Automatic Starter Disable (ASD™)** — Enables ASD, which disables the starter 10 minutes after you turn the ignition OFF, even if the alarm is not armed!

Don't forget the **ACCESSORIES!**



SK-919T4J (SLI 840) or SK-917T4J (SLI 840C) (315MHz)
SK-939TS4J (SLI 840-4) or SK-937TS4J (SLI 840C-4) (433.92MHz)
Spare transmitter — Get one for everyone who drives your car (2 included with alarm)



SECOPAGE® 35E

Vehicle security pager pages you if your car is broken into



SS-052BA or SS-052BB

Dual-stage shock sensor - detects physical attacks on the vehicle, warns potential vandals.



SR-5220 or SR-5440A

Window roll-up modules for 2-door or 4-door cars



SS-051ME

Dual-stage glass-break sensor — Detects the high-frequency sound of glass breaking



SR-5911

Power trunk release — Adds convenience to cars without power trunk release



SLI® 259A

Dual-stage microwave sensor — Detects movement inside car, protects open-top vehicles

NOTE — The accessories on this page are optional.

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!