

## ADJUSTING AND OPERATING THE SLI® 259A

The **SLI 259A** microwave sensor has two DIP switches. The switches are used to program and operate the sensor. The four functions of the switches are:

| MODE  | EXTERIOR ADJUSTMENT | INTERIOR ADJUSTMENT | ARM MODE | ARM W/PER. ALARM |
|-------|---------------------|---------------------|----------|------------------|
| SW #1 | ON                  | OFF                 | OFF      | ON               |
| SW #2 | OFF                 | ON                  | OFF      | ON               |

### EXTERIOR ZONE ADJUSTMENT (Alarm must be armed to adjust **SLI 259A**)

This mode lets you adjust the sensitivity of the exterior detection zone. The **SLI 259A** will not trigger the alarm in this mode, but the LED will flash green when motion is detected. To increase sensitivity, turn the exterior adjustment knob clockwise. The maximum exterior sensitivity will vary based on installation and the type of vehicle.

### INTERIOR ZONE ADJUSTMENT (Alarm must be armed to adjust **SLI 259A**)

This mode lets you adjust the sensitivity of the interior detection zone. The **SLI 259A** will not trigger the alarm in this mode, but the LED will flash red when motion is detected. To increase sensitivity, turn the interior adjustment knob clockwise.

**IMPORTANT**– An operational problem may occur with the sensor if the interior sensitivity is greater than the exterior sensitivity (i.e. false alarms). In this case, the LED will flash yellow when the switches are put into the arming mode.

### ARM MODE

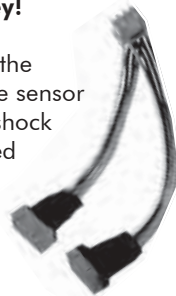
When the alarm is armed, the **SLI 259A** will power-up for 15 seconds. During this period, the LED will be solid green. After 15 seconds, the **SLI 259A** will operate normally. When the exterior zone is penetrated the sensor will trigger the alarm's pre-intrusion input. This also activates the interior zone. When the interior zone is penetrated, the LED will flash red and the alarm will be triggered.

### ARM MODE WITH PERIMETER ALARM

In this mode the **SLI 259A** will operate exactly as in "ARM MODE", except that if the perimeter zone is penetrated 4 times within 15 seconds, the **SLI 259A** will trigger the alarm. After the perimeter is penetrated a second time, the alarm's pre-intrusion input may be triggered twice (varies from alarm to alarm), warning you that the alarm will trigger if the perimeter field is penetrated a fourth time.

#### Save time & money!

The SR-199-315 Y-connector allows the **SLI 259A** microwave sensor and the SS-052BB shock sensor to be installed on any ENFORCER alarm in seconds. *No splicing needed!*



# SPACE ENFORCER®

## SLI® 259A

DUAL ZONE MICROWAVE SENSOR  
With pre-intrusion output and  
dual-sensitivity adjustments

## TECH MANUAL

### SECO-LARM® U.S.A., Inc.

16842 Millikan Ave., Irvine, CA 92606

SECO-LARM's policy is one of continual development and improvement. For this reason, SECO-LARM reserves the right to change specifications without notice.

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# SLI®

SECO-LARM®

## THE SLI® 259A MICROWAVE SENSOR

The **SLI 259A** detects the movement of mass through a protected area (i.e. an arm reaching into a car or a door being opened). The **SLI 259A** has dual-zone protection. It combines both perimeter pre-intrusion warning and instant interior trigger protection. It does this by transmitting and receiving a high-frequency RF signal. When an object moving towards the vehicle is detected, the high-frequency RF signal will change. This change will cause the microwave sensor to send a trigger signal to the alarm.

While the **SLI 259A** detects movement of mass, it will not false alarm due to wind, rain, air movement, flying insects, or vibrations. It is perfect for protecting the interiors of convertibles, Jeeps, or other "open air" vehicles.

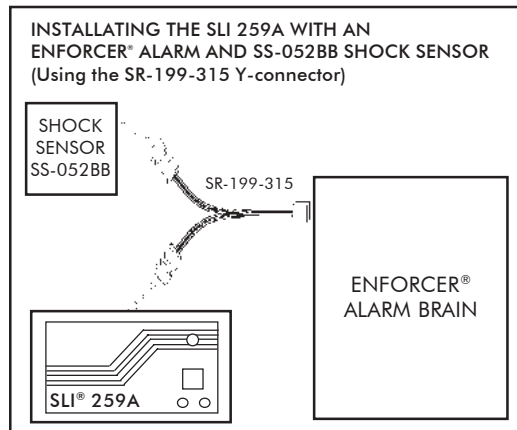
The **SLI 259A**, when positioned correctly, will protect the entire vehicle. Because of the **SLI 259A**'s revolutionary design, the unit's RF signal will pass through carpet, glass, plastic, or cloth, but not through metal.

## INSTALLATION CONSIDERATIONS

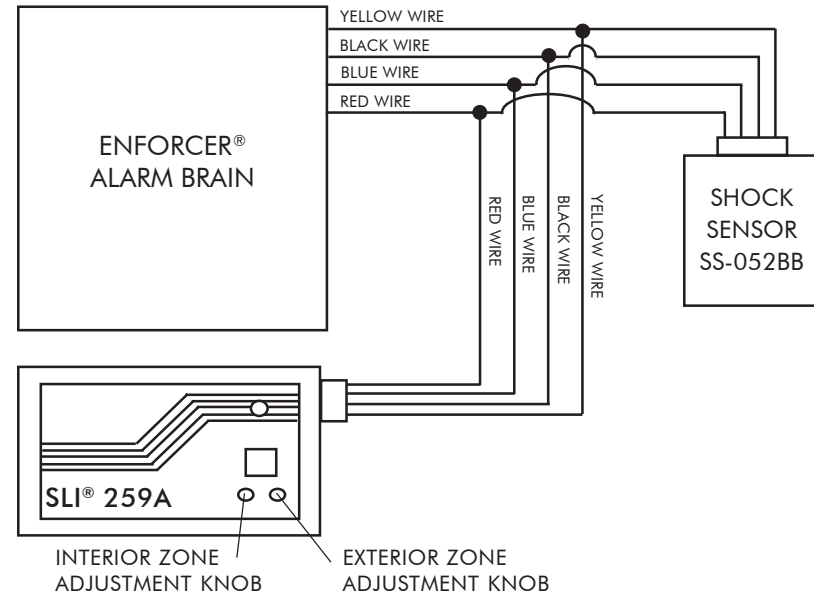
1. The shape of the protection field is symmetrical and elliptical. The sensor must be centered between the left and right side of the vehicle.
2. The sensor should be mounted as low as possible since the protection pattern extends out in front and above the sensor.
3. Do not mount the sensor behind metal objects, since microwaves will not penetrate metal.
4. Do not mount the sensor on metal as it will affect the sensor's tuning.
5. The optimum mounting location is in the center of the vehicle at the base of the rear seat or in the rear seat itself. If a rear location is not accessible, then mount the sensor in the dashboard or center console, but watch for metal objects like the stereo or brackets.

6. For quick installation on **ENFORCER** alarms, use the Y-connector **SR-199-315** to eliminate the need for cutting and splicing.

**The warranty may be voided if components or accessories are not mounted properly.**



## INSTALLATING THE SLI 259A WITH AN ENFORCER® ALARM AND SS-052BB SHOCK SENSOR (No SR-199-315 Y-connector, splicing instead)



## INSTALLATING THE SLI 259A ON AN ALARM WITH NO PRE-INTRUSION INPUT

**Note: Additional relay and/or diodes required.**

