



# RCR-PET Lens Replacement Kit Installation Instructions

1051855A  
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## Description

This is the RCR-PET lens replacement kit to update your PrecisionLine RCR-PET Motion Sensor. The kit includes:

- one RCR-PET lens
- one black plastic lens shield



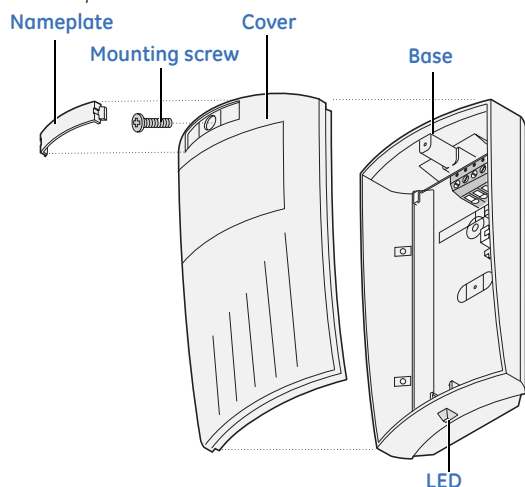
You must be free of all static electricity before handling sensor circuit boards. Touch a grounded surface or wear a grounding strap before touching circuit boards.

## Installation

To replace the lens in the unit, do the following:

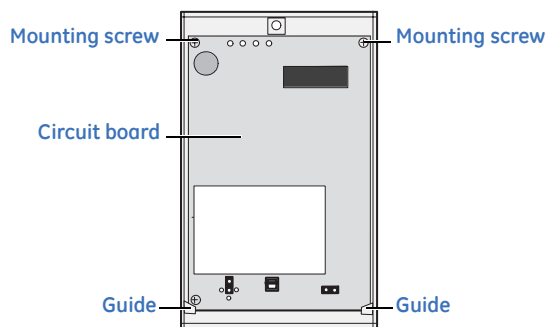
1. Use a small flathead screwdriver to pry the nameplate off the cover (*Figure 1*). Loosen the cover mounting screw and pull the cover off the base.

Figure 1. Exploded view



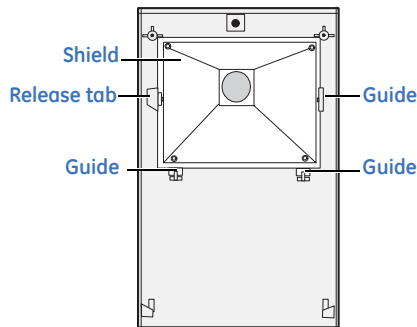
2. Use a #4 Phillips screwdriver to remove the two circuit board mounting screws (*Figure 2*). Slide the circuit board out of the mounting guides and lift the circuit board off the front cover.

Figure 2. Removing the circuit board



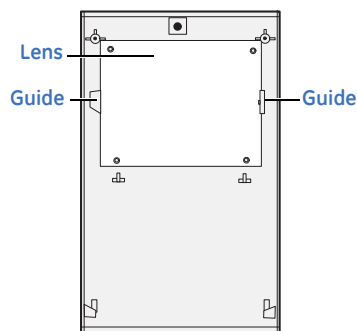
3. To remove the white plastic lens shield (*Figure 3*), press down on the shield release tab and slide the shield out of the shield guides. Discard the shield.

Figure 3. Removing the lens shield



4. Slide the RCR-PET lens out of the guides (*Figure 4*) and lift the lens off the mounting pins. Discard the lens.

Figure 4. Removing the lens



5. Place the new lens under the guides (*Figure 4*) and over the mounting pins.
6. Slide the new black plastic shield under the shield release tab (*Figure 3*). Align the shield over the mounting pins, and snap the shield down.
7. Slide the circuit board under the mounting guides (*Figure 2*) and replace the two mounting screws. **Do not overtighten the mounting screws.**
8. To reattach the cover on the base, place the tabs at the bottom of the cover over the guides at the bottom of the base and align the connection block pins over the connection block (*Figure 1*). Gently snap the unit together.
9. Insert the mounting screw and reattach the nameplate (*Figure 1*).
10. The multicolor LED located on the bottom of the unit (*Figure 1*) should light green for approximately 25 seconds then go out.
11. Walk through the intended coverage area to walk test the unit. The LED color (*Figure 1*) indicates the status of the unit as described in *Table 1*. Thirty minutes after you reattach the cover on the base, the LED will only indicate an alarm condition.

Table 1. LED status

LED color	Status
Red	PIR and RCR detection. The unit is in alarm and the relay has switched.
Green	PIR detection only (no alarm).
Yellow	RCR detection only (no alarm).

## Ordering information

Model	Description
RCR-PET-LENS	Replacement lens kit for the RCR-PET.

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