

## Overview

These instructions describe how to replace the shear pin in your B.A.S.I.S. Exit Hardware Trim (EXG or EXBV).

## Components checklist

In addition to these instructions, this kit (part number 1879013) contains:

- 1 Shear pin
- 4 Shoulder screws
- 5 mounting plate screws
- 1 Lift finger screw
- 1 Escutcheon gasket

## Tasks to perform

### A Remove the escutcheon from door

For instructions, see the *B.A.S.I.S. G Service Manual* (T63300) or the *B.A.S.I.S. V Service Manual* (T61805).

### B Remove internal components

**Caution:** Before you handle the electronics board or any component connected to it, make sure that you are properly grounded using an electrostatic discharge (ESD) protection kit! Touching the board without proper grounding can damage sensitive electronics components—even if you don't notice any static discharge!

- 1 Unscrew the six mounting plate standoffs from the mounting plate (Figure 1).
- 2 Remove the gasket from the escutcheon and discard the gasket.
- 3 Remove the lift finger:
  - a Note the orientation of the lift finger.
  - b Remove the lift finger screw and discard.
  - c Remove the washer and lift finger.
- 4 Remove the mounting plate (Figure 2):
  - a Cut the cable tie and discard.
  - b Remove the five screws and discard.
  - c Carefully remove the mounting plate.

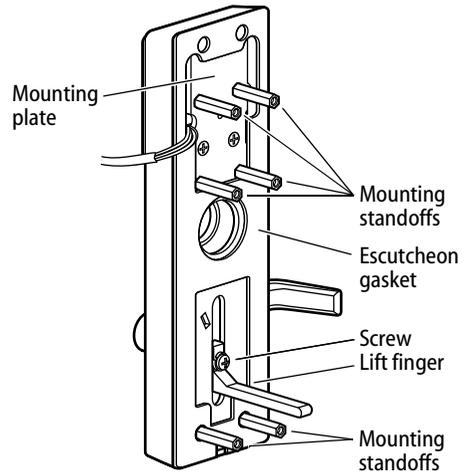


Figure 1 Removing and reinstalling the mounting standoffs, gasket, and lift finger

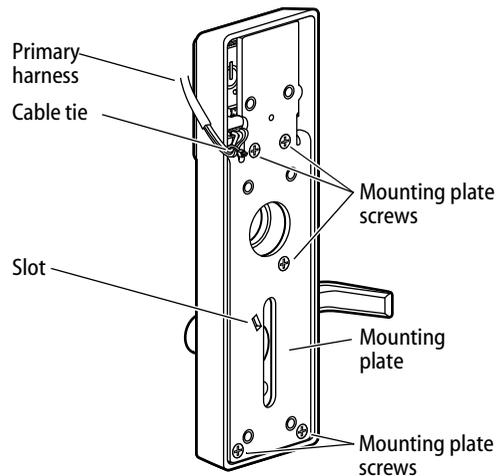
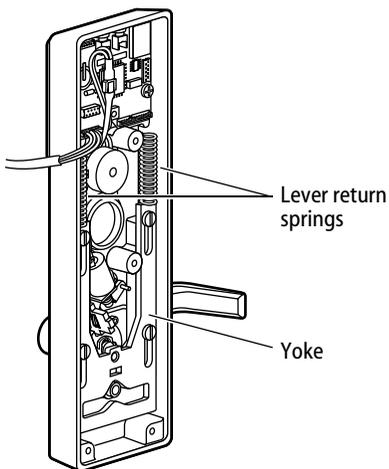
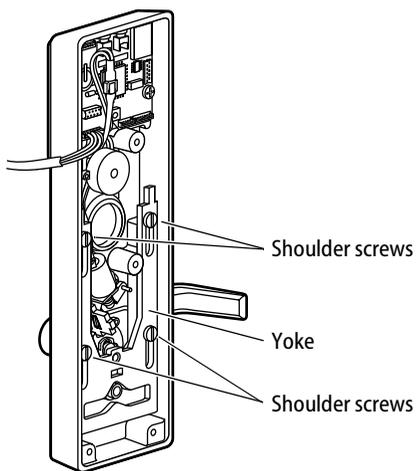


Figure 2 Removing and reinstalling the mounting plate



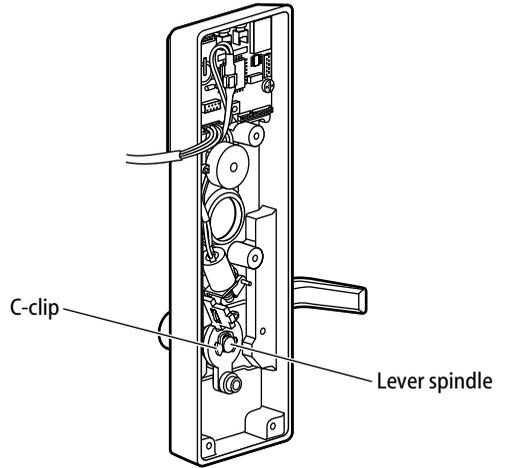
*Figure 3 Removing and reinstalling lever return springs*



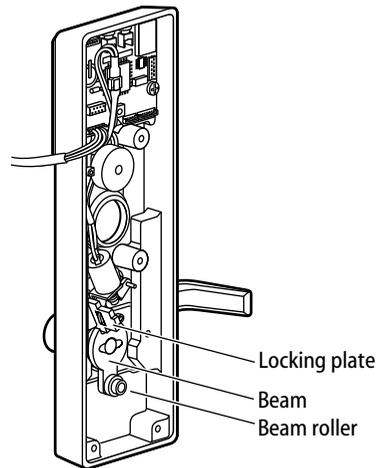
*Figure 4 Removing and reinstalling the yoke*

- 5 Remove the lever return springs from the yoke. See Figure 3.
- 6 Unscrew the four shoulder screws and discard. See Figure 4.
- 7 Remove the yoke from the escutcheon.

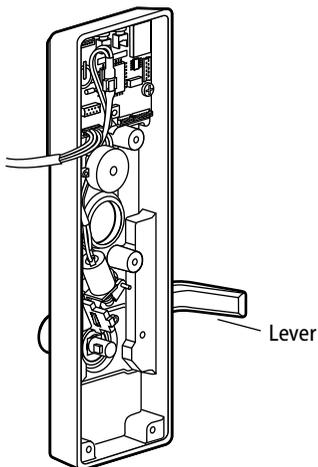
- 8 Remove the c-clip from the lever spindle. See Figure 5.
- 9 Remove the beam and beam roller from the lever spindle. See Figure 6.



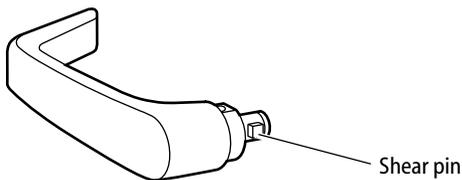
*Figure 5 Removing and reinstalling the c-clip*



*Figure 6 Removing and reinstalling the beam and beam roller*



*Figure 7 Removing and reinstalling the lever assembly*



*Figure 8 Removing and reinstalling the shear pin*

10 Remove the lever from the front of the escutcheon. See Figure 7.

**C Remove the shear pin from lever**

- Remove the shear pin from the lever. See Figure 8.

**D Reinstall the shear pin**

- Insert the shear pin into the lever, making sure that the shear pin is positioned in the lever so that the head faces the opposite direction of the lever handle. See Figure 8.

**E Reinstall internal components**

- 1 Make sure that the shear pin is positioned on the lever so that the head faces the opposite direction of the lever handle. See Figure 8.
- 2 Insert the lever through the escutcheon, positioning the lever so its handle will point toward the door hinges.
- 3 Place the beam on the lever spindle so that the slot in the beam aligns with the locking plate. See Figure 6.
- 4 Reinstall the c-clip onto the lever spindle. The orientation of the clip does not matter. See Figure 5.
- 5 Place the beam roller on the beam.
- 6 Position the yoke in the escutcheon with the threaded nut down.
- 7 Apply Lubriplate GR-132® grease or an equivalent quality petroleum around the slots on the face of the yoke.
- 8 Tightly secure the yoke to the escutcheon using the four new shoulder screw (20–25 lbs torque). See Figure 4.
- 9 Install the lever return springs onto the yoke posts. See Figure 3.
- 10 With posts on the mounting plate inserted in the lever return springs, slide the mounting plate into the escutcheon (Figure 3). Make sure that the locking plate fits into the slot in the mounting plate. Secure with the five new screws. Route the primary harness against the mounting plate post and secure the harness to the post with a cable tie. See Figure 2.
- 11 Position the lift finger on the escutcheon in the orientation noted in step 3a on page 1.
- 12 Position the washer on the lift finger screw. Tightly secure the lift finger with the lift finger screw (25–30 foot-pounds of torque) (Figure 1).
- 13 Starting at the bottom of the gasket, peel away the protective backing a small amount at a time while unrolling the gasket into position on the escutcheon. Press the gasket into place.
- 14 Screw the six mounting standoffs onto the mounting plate (Figure 1).

### F Reinstall the escutcheon on door

For instructions, see the *B.A.S.I.S. G Service Manual* or the *B.A.S.I.S. V Service Manual*.

### G Test lock for proper operation

To test the lock for proper operation before the lock is programmed, use the temporary operator card that came with the lock. This card is for temporary use only. After permanent cards have been programmed for the lock, the temporary card should be deleted.

- 1 Use the temporary operator card to activate the lock. When the lock detects the presence of a card for the first time, the lock performs a series of diagnostic self-tests. If no problem is detected, the lock responds with 4 red LED flashes, simultaneous with 4 green LED flashes and 4 short tones.

If a problem is detected, the lock's red LED and green LED simultaneously flash in a repeating pattern (and no tones sound). The lock's control electronics board must be replaced. For instructions, see the *B.A.S.I.S. G Service Manual* or the *B.A.S.I.S. V Service Manual*.

**Note:** *If the lock has a proximity card reader, it may have already been activated by the presence of an object near the card reader.*

- 2 Use the temporary operator card to access the lock. The green light flashes and the locking mechanism unlocks.
- 3 Turn the lever and open the door.

**If the mechanism doesn't unlock, refer to the following table.** For additional troubleshooting instructions, see the *B.A.S.I.S. G Service Manual* or the *B.A.S.I.S. V Service Manual*.

LEDs	Sounder	You should
Single red flash	—	Use the card at a moderate speed.
Red flashes	3 short tones	Use the temporary operator card provided with the lock.
Green flashes	—	Check the motor connection.
—	—	Check the battery connection.

### For locks with key override

Insert and turn the key to unlatch the door.

### For locks with deadbolt

- 4 From the inside of the door, turn the turn knob and make sure that the deadbolt operates properly.



