

Overview

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

Components checklist

In addition to these instructions, this kit (part number 1833686) contains:

- 1 Primary harness assembly
- 1 Outside escutcheon gasket
- 1 Tape for mounting the sounder
- 5 Mounting screws
- 1 Lift finger screw

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 old escutcheon gasket, mounting plate, lift finger, and electronics board

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.

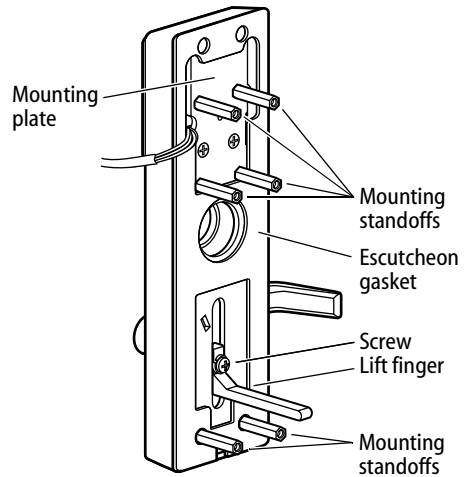


Figure 1 Removing and reinstalling the mounting standoffs, gasket, and lift finger

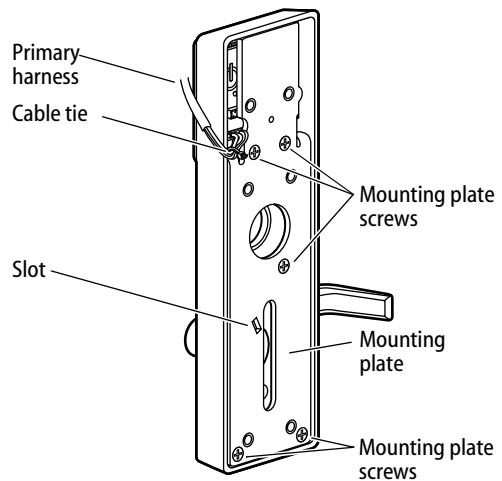


Figure 2 Removing and reinstalling the mounting plate

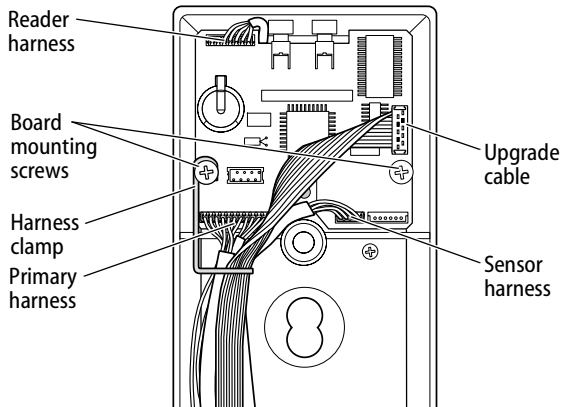


Figure 3 Disconnecting the wire harnesses

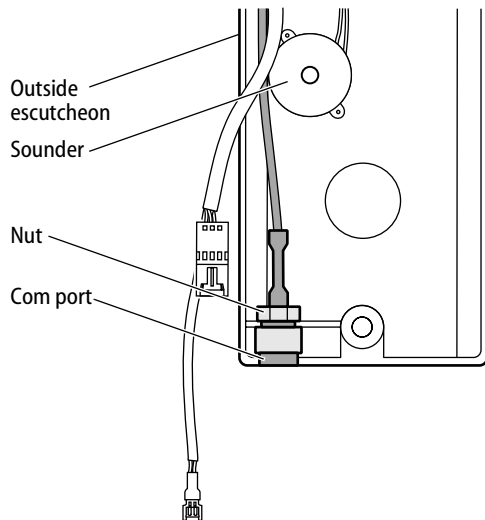


Figure 4 Disconnecting the sounder and com port from the outside escutcheon

C Remove the primary harness

- 1 Disconnect the primary harness from the electronics board (Figure 3).
- 2 Insert a flat blade screwdriver under the sounder and turn it to remove it from the escutcheon (Figure 4).
- 3 Loosen the nut and slide the com port out from the escutcheon.

D Install the new primary harness

- 1 Connect the primary wire harness to the J3 connector on the electronics board.
- 2 Remove the backing from the adhesive tape and apply the tape to the escutcheon.
- 3 Press the sounder in place on the tape.

- Slide the com port into place in the escutcheon and tighten the nut (Figure 5).

E Reinstall internal components

- With posts on the mounting plate inserted in the lever return springs, slide the mounting plate into the escutcheon (Figure 6). 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.
- Position the lift finger on the escutcheon in the orientation noted in step 3a on page 1.
- 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).
- 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.
- 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*.

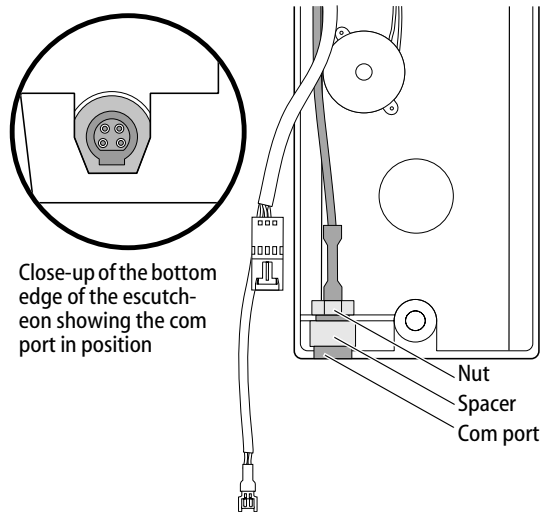


Figure 5 Connecting the sounder and com port to the outside escutcheon

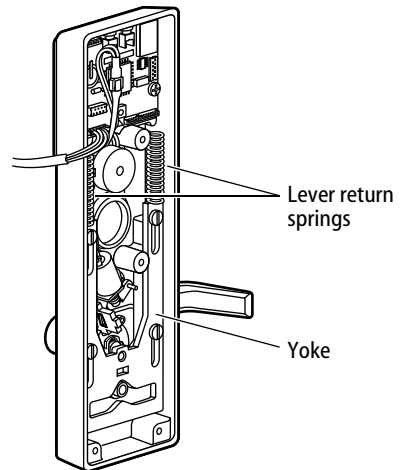


Figure 6 Removing and reinstalling lever return springs

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

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