

Replace the Logic Board

NOTE: After the new logic board is installed all site data must be reentered into the EL1SS system.

1. Disconnect power to the unit.
2. Unlock the faceplate (Figure 1)
3. Disconnect all the wires from the logic board. Make note of the wire locations for reassembly.
4. Remove the nuts (3) securing the faceplate to the housing and set aside. Carefully remove the faceplate (Figure 2).
5. Place the faceplate on a flat surface and prop the faceplate up so the faceplate is flat.
6. Remove the screws (4) securing the existing logic board from the faceplate. Remove the existing logic board and discard in accordance with local electrical disposal guidelines (Figure 3).
NOTE: If this is an in warranty replacement, DO NOT discard the logic board. If applicable, return the logic board to LiftMaster.
7. Place a plastic washer over each of the metal standoffs. The plastic washers MUST be installed to prevent the stand offs from shorting out the logic board when power is reconnected. **NOTE:** To help keep the components in place, insert a toothpick or short length of wire into the standoff and slide the components over the toothpick or short length of wire.
8. Position the new logic board on to the faceplate.
9. Place a plastic washer over the mounting holes (4) in the logic board. If applicable, carefully remove the toothpicks or short length of wire.
10. Fasten the new logic board to the faceplate with screws (4).
11. Reattach the faceplate to the housing using the previously removed nuts (3).
12. Reconnect all the wires to the logic board.
13. Close the faceplate.
14. Reconnect power to the unit.
15. Reenter site data and test.



WARNING: This product can expose you to chemicals including lead, which are known to the State of California to cause cancer or birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

WARNING

To reduce the risk of SERIOUS INJURY or DEATH:

- Disconnect electric power at the fuse box BEFORE proceeding.
- ALL electrical connections MUST be made by a qualified individual.
- Upon completion of kit installation, the area MUST be cleared and secured. At that time the unit may be returned to service.

Figure 1

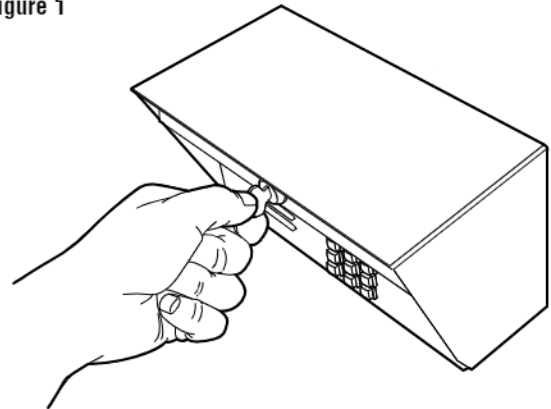


Figure 2

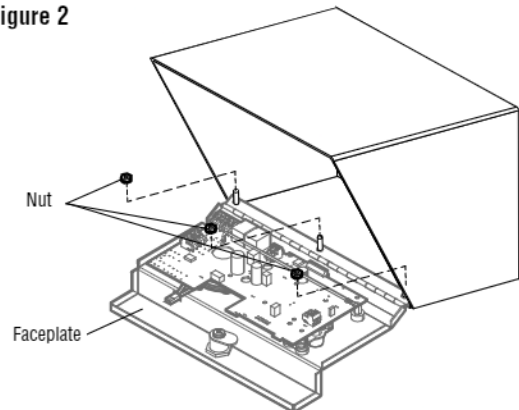
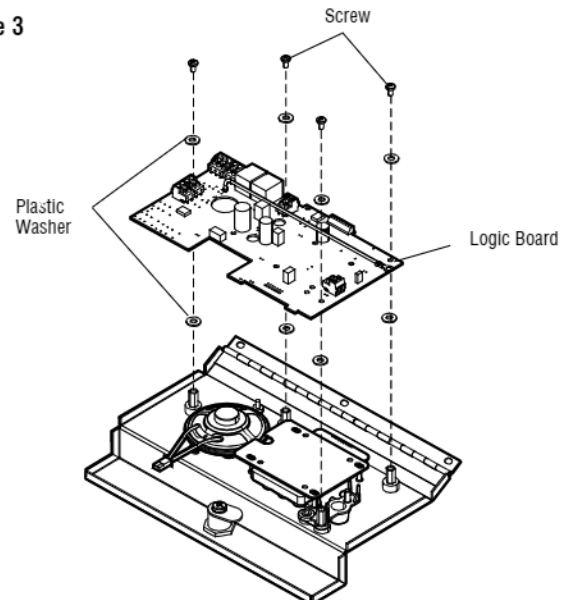


Figure 3



Replace the Keypad

1. Disconnect power to the unit.
2. Unlock the faceplate (Figure 1).
3. Disconnect all the wires from the logic board. Make note of the wire locations for reassembly.
4. Remove the nuts (3) securing the faceplate to the housing and set aside. Carefully remove the faceplate (Figure 2).
5. Place the faceplate on a flat surface and prop the faceplate up so the faceplate is flat.
6. Remove the screws (4) securing the existing logic board from the faceplate. Remove the logic board and set aside (Figure 3).
7. Remove the lock nuts (4) securing the keypad bracket to the faceplate (Figure 4).
8. Remove the keypad and discard in accordance with local electrical disposal guidelines (Figure 4). **NOTE:** *If this is an in warranty replacement, DO NOT discard the keypad. If applicable, return the keypad to LiftMaster.*
9. Secure the new keypad and keypad bracket to the faceplate using lock nuts.
10. Place a plastic washer over each of the metal standoffs. The plastic washers **MUST** be installed to prevent the stand offs from shorting out the logic board when power is reconnected. **NOTE:** *To help keep the components in place, insert a toothpick or short length of wire into the standoff and slide the components over the toothpick or short length of wire.*
11. Position the logic board on the faceplate.
12. Place a plastic washer over the mounting holes (4) in the logic board. If applicable, carefully remove the toothpicks or short length of wire.
13. Fasten the logic board to the faceplate with screws (4).
14. Reattach the faceplate to the housing using the previously removed nuts (3).
15. Reconnect all the wires to the logic board.
16. Close the faceplate.
17. Reconnect power to the unit and test.

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Figure 1

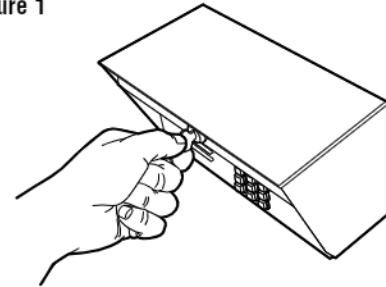


Figure 2

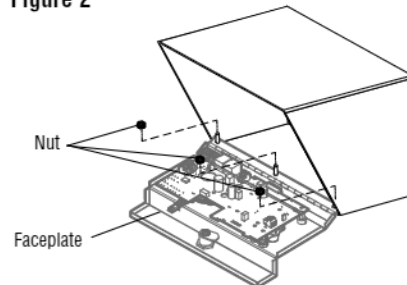


Figure 3

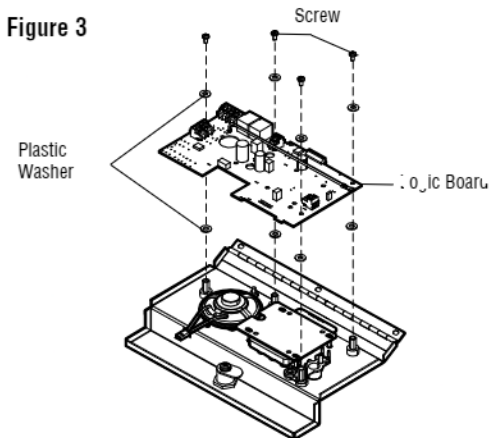
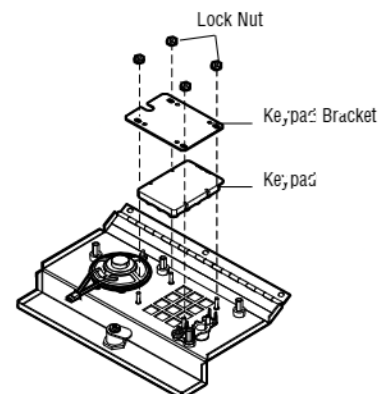


Figure 4



Replace the Speaker

1. Disconnect power to the unit.
2. Unlock the faceplate (Figure 1).
3. Disconnect all the wires from the logic board. Make note of the wire locations for reassembly.
4. Remove the nuts (3) securing the faceplate to the housing and set aside. Carefully remove the faceplate (Figure 2).
5. Place the faceplate on a flat surface and prop the faceplate up so the faceplate is flat.
6. Disconnect the speaker cable from the logic board (Figure 3).
7. Remove the screws (4) securing the existing logic board from the faceplate. Remove the logic board and set aside (Figure 4).
8. Remove the nuts (2) securing the speaker to the faceplate and remove the speaker. The speaker is attached to the faceplate with an adhesive, it may be necessary to puncture the speaker membrane to remove it from the faceplate (Figure 5).
9. Using a light grit sandpaper, carefully sand the residual adhesive from the faceplate. Clean the surface of the faceplate with a damp cloth or soft brush and allow to dry.
10. Remove the protective film to expose the adhesive on the speaker gasket. Position the speaker with the cable oriented toward the top side of the faceplate and press it firmly into plate.
11. Secure the speaker to the faceplate with the nuts (2).
12. Place a plastic washer over each of the metal standoffs. The plastic washers **MUST** be installed to prevent the stand offs from shorting out the logic board when power is reconnected. **NOTE:** *To help keep the components in place, insert a toothpick or short length of wire into the standoff and slide the components over the toothpick or short length of wire.*
13. Position the logic board on the faceplate.
14. Connect the speaker cable to the logic board.
15. Place a plastic washer over the mounting holes (4) in the logic board. If applicable, carefully remove the toothpicks or short length of wire.
16. Fasten the logic board to the faceplate with screws (4).
17. Reattach the faceplate to the housing using the previously removed nuts (3).
18. Reconnect all the wires to the logic board.
19. Close the faceplate.
20. Reconnect power to the unit and test.

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Figure 1

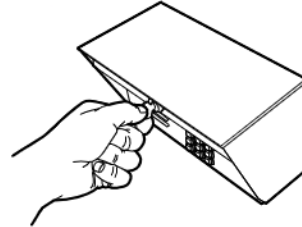


Figure 2

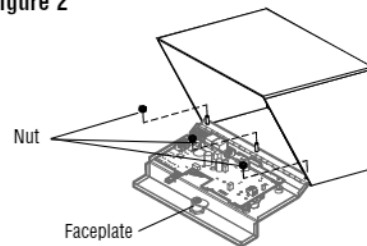


Figure 3

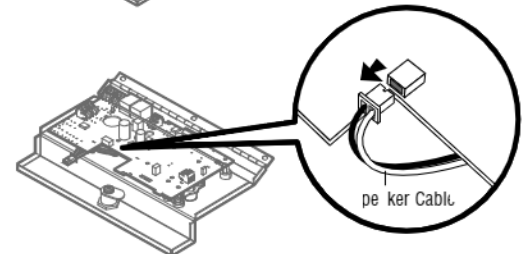


Figure 4

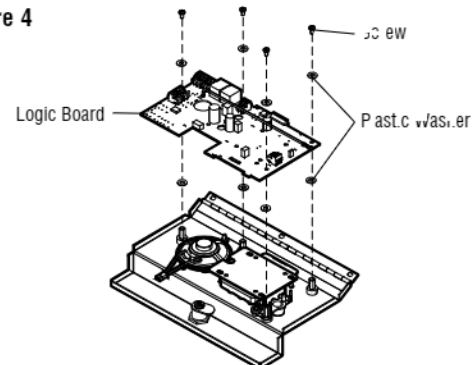
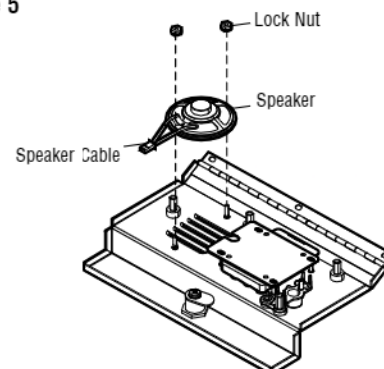


Figure 5



Replace the Call Button

1. Disconnect power to the unit.
2. Unlock the faceplate (Figure 1).
3. Remove the nuts (3) securing the faceplate to the housing and set aside. Carefully remove the faceplate (Figure 2).
4. Place the faceplate on a flat surface and prop the faceplate up so the faceplate is flat.
5. Remove the screws (4) securing the existing logic board from the faceplate. Remove the logic board and set aside (Figure 3).
6. Remove the keypad bracket and set aside (Figure 4).
7. Remove the lock nut, stand-off, and plastic washers securing the call button to the faceplate. Discard the old call button (Figure 5).
8. Install the new call button and secure with the plastic washers, lock nut, and stand-off (provided).
9. Reinstall the keypad bracket.
10. Place a plastic washer over each of the metal standoffs. The plastic washers MUST be installed to prevent the stand offs from shorting out the logic board when power is reconnected. **NOTE:** *To help keep the components in place, insert a toothpick or short length of wire into the standoff and slide the components over the toothpick or short length of wire.*
11. Position the logic board on the faceplate.
12. Place a plastic washer over the mounting holes (4) in the logic board. If applicable, carefully remove the toothpicks or short length of wire.
13. Fasten the logic board to the faceplate with screws (4).
14. Reattach the faceplate to the housing using the previously removed nuts (3).
15. Reconnect all the wires to the logic board.
16. Close the faceplate.
17. Reconnect power to the unit and test.

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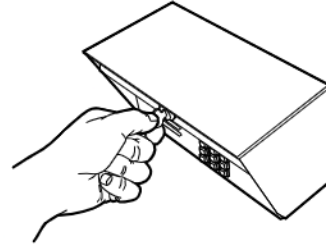


Figure 2

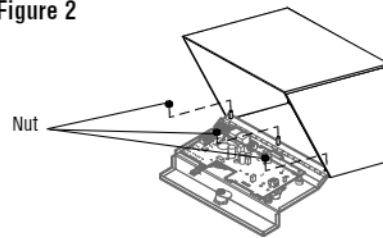


Figure 3

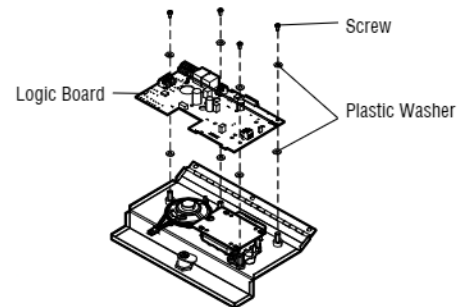


Figure 4

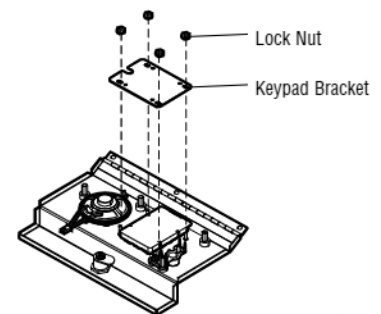


Figure 5

