

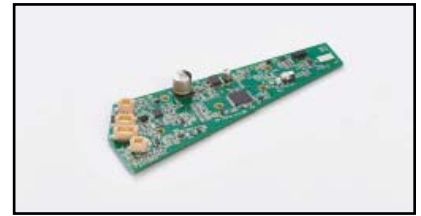


## MAIN CIRCUIT BOARD INSTALLATION GUIDE

You will need:

- 8-inch #2 Phillips screwdriver
- Needle-nose pliers

For installation videos, visit the Customer Service playlist at [www.youtube.com/user/TheLitterRobot](https://www.youtube.com/user/TheLitterRobot) or scan the QR code above.



Main Circuit Board

### PREPARATION

1. Press the Power button to turn the unit off and unplug it from the wall.

Remove the Bonnet, Globe, and Waste Drawer. For detailed instructions, visit <https://www.litter-robot.com/owners-manual.html>.

2. The plastic component that covers the Control Panel on the Base is called the Bezel. Unscrew the 5 screws to remove the Bezel.



Figure 1

3. Use needle-nose pliers to lift the Bezel out of place.



Figure 2

4. Separate the Bezel from the Control Panel by pushing the buttons through and lifting up. Set the Bezel and screws aside.

Note: The Circuit Board and Keypad may be held in place by a piece of tape (assembly aid). If present, simply remove it; it is not required for reassembly.



Figure 3



## REMOVE OLD CIRCUIT BOARD

5. Turn the Circuit Board over and unplug the three connectors: 4-pin (DFI - Drawer Full Indicator), 6-pin (Motor and power), and the 8-pin (Hall Effect sensor).

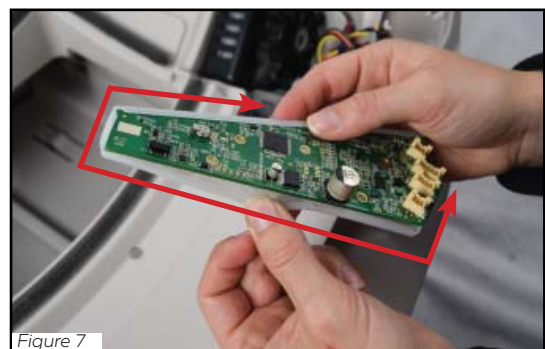


6. Peel the Keypad away from the Circuit Board for reuse.

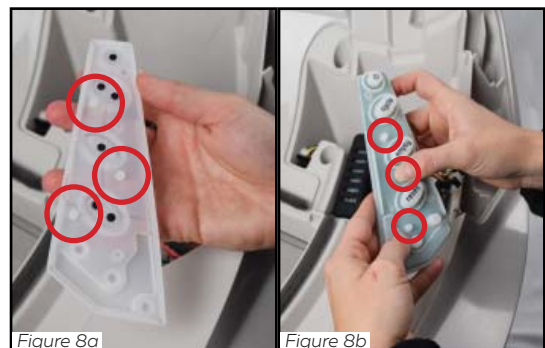


## INSTALL NEW CIRCUIT BOARD

7. Attach the Keypad to the new Circuit Board by sliding the long edge of the Circuit Board under the rubber lip, then working your way around the perimeter until the Keypad frames the Circuit Board.



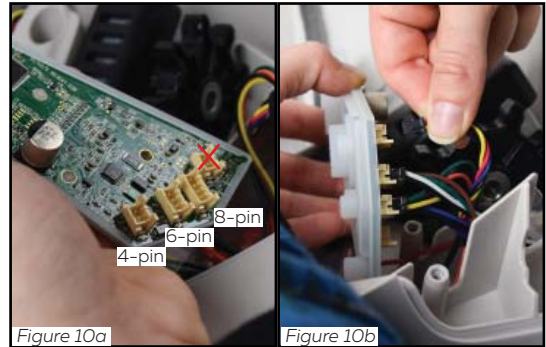
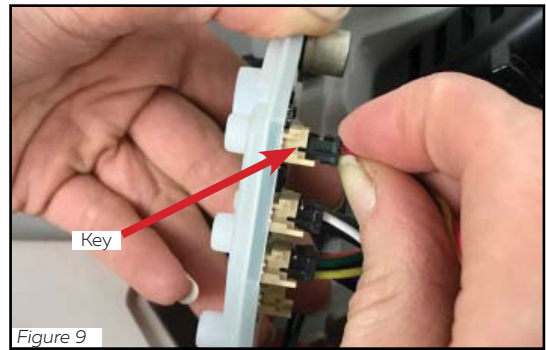
8. From the front of the Keypad, press the three connection points (Figure 8a) through the holes on the Circuit Board to secure them together.



9. Reattach the three wire connectors to the Circuit Board.

The 4-pin connector goes on the 4-pin header, the 6-pin connector goes on the 6-pin header, and the 8-pin connector goes on the 8-pin header. You will not use the 4-pin header on the far right (see *Figure 10a*).

Each connector is keyed (there is a top and bottom), so it will only fit on one way (see *Figure 9*). If you feel resistance, turn it over and try again.



10. Make sure the wires attached to the Circuit Board are tucked behind it in the wire channel.



## REASSEMBLY

11. Reassemble the Bezel onto the Circuit Board and Keypad by holding the Circuit Board upright and fitting the Bezel over it, so the buttons come through the Control Panel.

Make sure to keep the Keypad wrapped around the edges of the Circuit Board.



Figure 13

12. Make sure the edges of the Bezel rest flush with the Base.

Once in place, look through the opening where the black Gear protrudes and make sure no wires are visible. If wires are visible, remove the Bezel, tuck them into the wire channel, and secure them with stretchable tape.



Figure 14

13. Attach the Bezel by tightening the 5 screws. Do not overtighten.

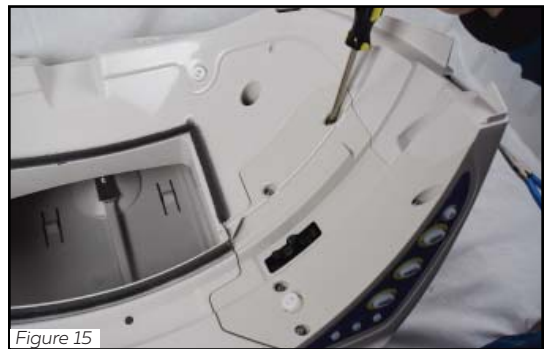


Figure 15

14. Reassemble the Globe, Bonnet, and Waste Drawer. Plug the unit in, power it on, and let the initial Clean cycle finish. The Globe should return to the Home position with the blue Ready light on.

If your unit does not cycle or does not cycle properly, review your installation:

*If the blue light is flashing, check that the 4-pin connector (that holds the DFI wires) is secured to the Circuit Board in the correct orientation.*

*If the red light is flashing, check that the 8-pin connector (that holds the Hall Effect sensor wires) is secured to the Circuit Board in the correct orientation.*

*If the unit will not turn on and appears to have no power, check that the 6-pin connector (that holds the wires to the Motor and power) is secured to the Circuit Board in the correct orientation.*

