

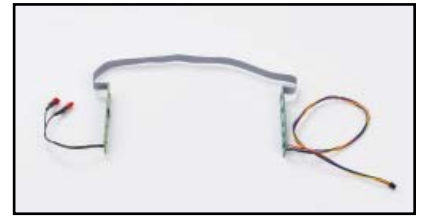


DFI INSTALLATION GUIDE

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 or scan the QR code above.



Kit includes: Drawer Full Indicator board assembly, (2) retainers, and (4) screws.

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

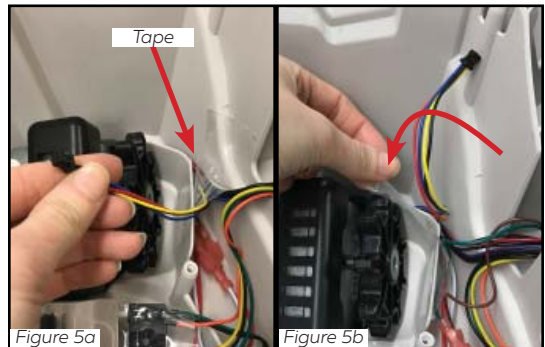


5. Turn the Keypad/Circuit Board over and unplug the 4-pin connector (that holds the red, yellow, black, and blue DFI wires).



6. Free the DFI wires by peeling back the piece of tape that holds the wires in the channel and out of the way of the Motor.

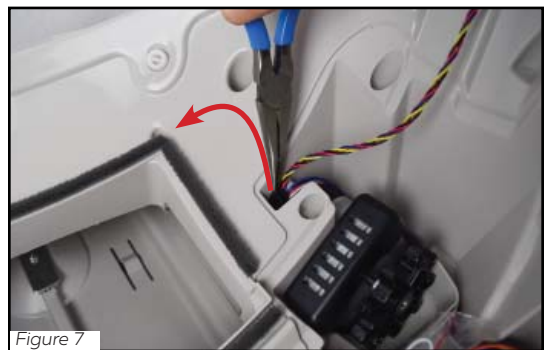
Note: It is best to reuse the tape. If the tape cannot be reused, replace it with a piece of stretchable tape that adheres strongly to the Base to ensure it will remain in place over time. We recommend Scotch 8884 Stretchable tape or something comparable.



7. Lift the Motor to free the DFI wires from underneath it.



8. Use needle-nose pliers to pull the black wire stopper out of the Base and feed the DFI wires down the hole.



9. To keep the Motor, wires, and Circuit Board in place during the next steps, replace the Bezel.

To do this, hold the Circuit Board upright and fit the Bezel over it, so the buttons come through the Control Panel.

Lower it into place on the Base, then tighten any of the screws.



REMOVE OLD DFI BOARD ASSEMBLY

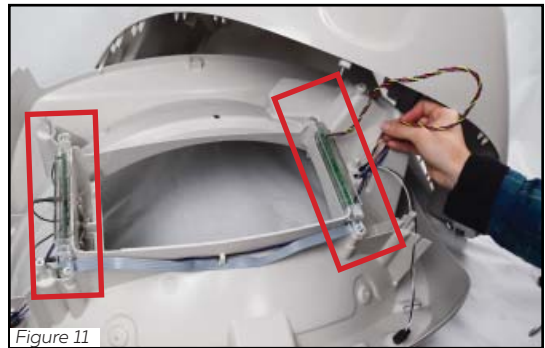
10. Gently turn the Base over and unscrew the 9 screws that attach the two halves of the Base.



11. Lift the top half of the Base away from the bottom and set it to the right (remember: there are still connected wires).



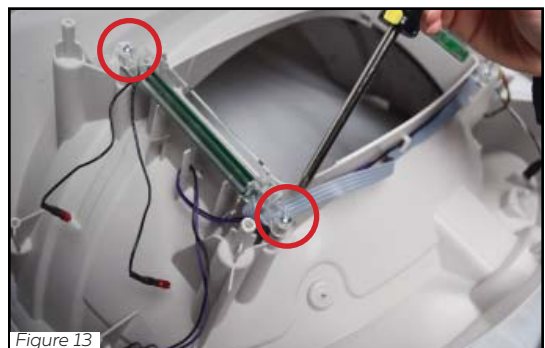
12. Locate the DFI Boards on either side of the opening. On the right, pull the DFI wires through the hole if they are not already through.



13. On the left, locate the two black wires and use needle-nose pliers to separate the connectors from the terminals.



14. On each side, remove the 2 screws that attach the DFI Boards to the Base.



15. On the front edge of the opening, free the gray ribbon cable from under the hook.



16. Lift the DFI Board retainers off the Base.



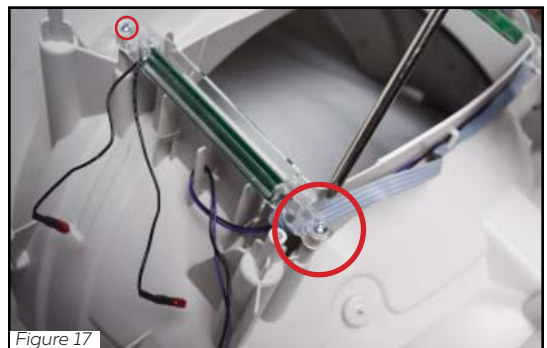
INSTALL NEW DFI BOARD ASSEMBLY

17. Take the new DFI Board Assembly and orient it so the black wires are on the top left and the DFI wires are on the top right.

Make sure the gray ribbon cable is not twisted and is out of the way of the screw bosses as you push the retainers onto the Base.



18. Replace the 4 screws to secure the two retainers onto the Base.



19. Tuck the gray ribbon cable under the retainer clip (and over the wires that are already there).



20. Push the spade connectors on the black wires onto the metal terminals (in any order and orientation). To reduce stress on the component, it is best to place a finger opposite the connector as you apply pressure.

Make sure the metal terminal is inserted into the metal connector and not accidentally pushed into its red case.

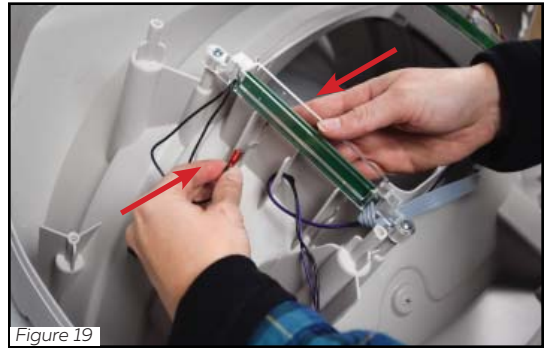


Figure 19

21. On the right, feed the DFI wires through the hole, so you can access them later.



Figure 20

22. Replace the other half of the Base, making sure the top and bottom halves of the screw bosses align.

BEFORE tightening any screws, carefully rotate the Base and look through the front where the Waste Drawer would be. Make sure the wires on the left are to the left of the screw boss, so they do not get in the way of the Waste Drawer.

You may have to lift the Base apart to reposition the wires. Your Base should look like *Figure 22*.



Figure 21



Figure 22

23. Once everything is seated correctly, tighten the 9 screws. Be careful not to overtighten.



Figure 23

24. Turn the Base right side up and unscrew the Bezel. Lift it up, press the buttons to free it, and set it aside. See page 1 for detailed instruction.



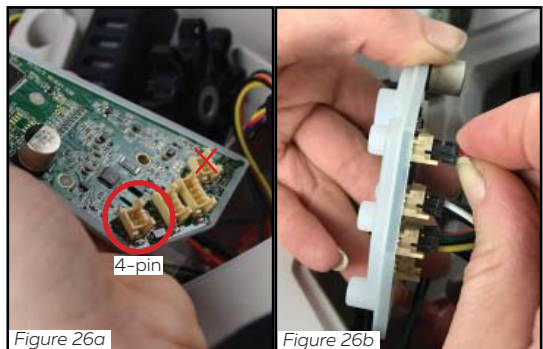
25. Locate the DFI wires that you pushed through the hole.



26. Gently lift the Motor to seat the DFI wires in the channel below it, and continue placing the wires in the channel in front of the Motor.

27. Reconnect the 4-pin connector to the Circuit Board in the bottom left corner.

The connector is keyed (there is a top and bottom), so it will only fit on one way; if you feel resistance, turn it over and try again.



28. Secure the tape over the wires to keep them in the channel and out of the way of the Motor and Gear.



29. Replace the wire retainer plug by pushing it until it snaps in securely.



REASSEMBLY

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



Figure 29

31. Reassemble the Bezel onto the Circuit Board and Keypad. Hold the Circuit Board upright and fit 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 30

32. 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 the piece of tape.



Figure 31

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

34. Reassemble the Globe, Bonnet, and Waste Drawer. Plug the unit in, turn 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.

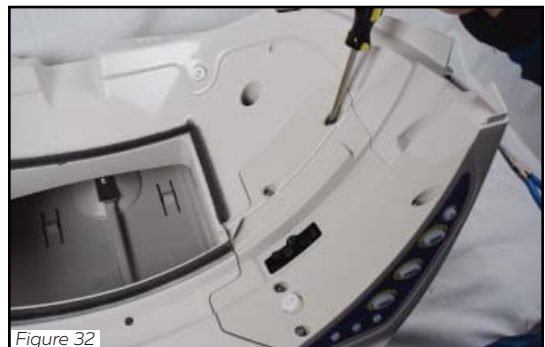


Figure 32

