

Etude Massage Chair

Circuit Board Replacement

This step-by-step guide will walk you through the process of changing a circuit board, ensuring a smooth and successful replacement. From removing the necessary screws and covers to handling wiring harnesses, we'll provide clear instructions to help you complete the task with ease.

1. Removing the Bottom Cover

- 1.1 Locate the four screws securing the bottom cover of the device.
- 1.2 Use a suitable screwdriver to carefully unscrew and remove these four screws.
- 1.3 Gently lift off the bottom cover and set it aside in a safe place.



2. Removing the Back Cover

2.1 Identify the six screws that secure the back cover of the device.

2.2 Using the appropriate screwdriver, carefully remove these six screws.

2.3 Once the screws are removed, gently detach the back cover from the device, ensuring not to damage any components.



3. Documenting the Circuit Board and Wiring

3.1 Before disconnecting any wiring harnesses, position the circuit board in a well-lit area.

3.2 Take a clear and detailed picture of the circuit board, ensuring all connectors and wiring harnesses are visible.

3.3 Store the picture in a safe place or use it as a reference during the reassembly process.

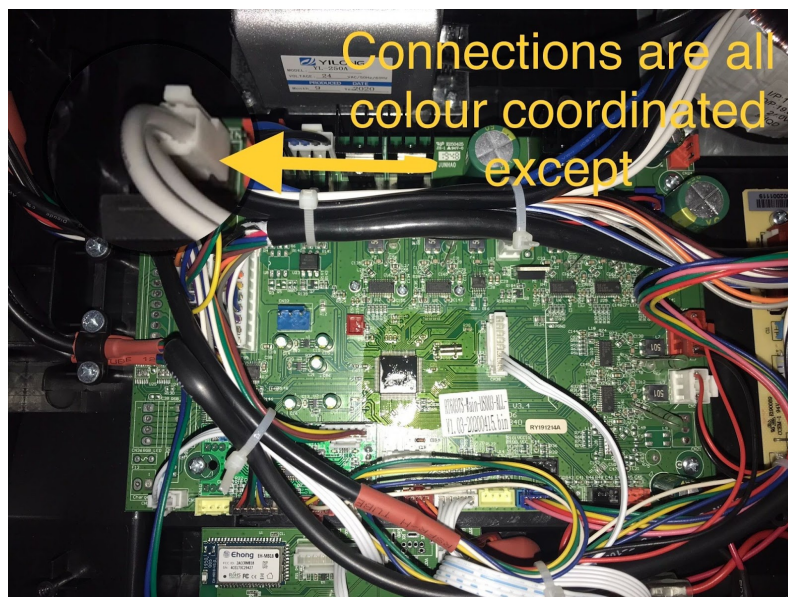
4. Disconnecting Wiring Harnesses

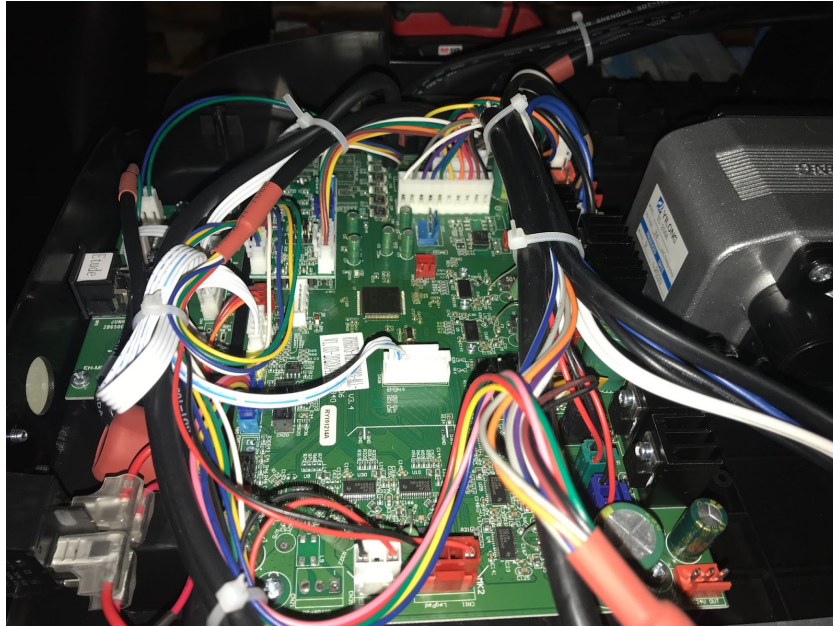
4.1 Identify the wiring harnesses connected to the circuit board.

4.2 Most of the wiring harnesses should be color-coded, making them easy to distinguish. However, take note of the white harness connected to a red plug—it's an exception to the color coordination.

4.3 Carefully unplug the wiring harnesses one by one, ensuring a firm grip on the connectors while gently pulling them apart.

4.4 Pay close attention to the white harness connected to the red plug, as it requires special consideration during reassembly.





5. Reassembling the Circuit Board

- 5.1 Refer to the picture taken in Step 3 to guide you through the reassembly process.
- 5.2 Carefully reconnect the wiring harnesses to their respective connectors on the circuit board, aligning them properly before gently pushing them in.
- 5.3 Ensure a secure and snug connection for each wiring harness, double-checking that all connectors are properly seated.

6. Reattaching Covers and Screws

- 6.1 Align the back cover with the device and gently press it into place, ensuring it fits snugly.
- 6.2 Insert and tighten the six screws to secure the back cover firmly.
- 6.3 Position the bottom cover over the device, aligning it properly.
- 6.4 Insert and tighten the four screws to secure the bottom cover.



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By following these step-by-step instructions, you should now be equipped with the knowledge and guidance needed to successfully change a circuit board. Remember to exercise caution while handling components, refer to the picture taken during disassembly for reference, and ensure proper reconnection of wiring harnesses. Good luck with your circuit board replacement!