

Caring for your Ambrogio Lawnbott L85, LB75, LB85

How to Disassemble the LB75/LB85 or L85 Robot

1. Turn the robot over.
2. Unscrew four screws.
3. Put your hand on the lid & flip it back over.
4. Now it gets tricky because the cables are short. Gently lift the lid, being careful to not allow the cables to come out. Usually you can prop it behind the wheels. Look underneath with a flashlight to see the cables & avoid issues.
5. Remove only the black wire from the battery(ies) (prevents mixing the leads up later when reconnecting).
6. Unscrew the screws on the plastic strip that holds the main board in its slots. We usually unscrew one screw partially and take out only one screw & then we swing the strip out of the way.
7. Slide the motherboard up. Try to handle it only by the edges, gently. There are three fuses, two are the automotive type & one is cylindrical under a black plastic cap. Inspect the fuses visually and/or with an ohm meter (should be zero ohms).

Regular Service Steps

Consult Winter Service information and perform the steps annually.

Re-assembly of the LB75/LB85 or L85 Robot

1. While you have the robot open, check for the presence of humidity by looking for white corrosion. Some robots had faulty keypads that leaked. If your robot leaked, the keypad will need to be replaced. If you see corrosion, write back for instructions.
2. Check that the gray ribbon cables are secure, the thin one typically comes out when the lid is removed.
3. Reinstall the plastic strip.
4. Examine all cables and tape them to the chassis to ensure that when the lid is reinstalled, a wire or cable does not get caught between the post the screw goes through and the lid. Commonly the cables get crushed & then the robot won't work after it's put together again.
5. Reconnect the power. Try turning the robot on. If all is well, re-install the lid.