

REPLACING A FULL AB COASTER PS500/BLACK/MAX COUNTER KIT



We Change Lives from the Core®

A counter kit for our residential AbCoaster consists of 5 parts;

- the counter,
- 2 wire segments,
- the sensor
- and the magnet to trip the sensor.

Step 1 - Test the Counter

Does the counter turn on? Press and hold the counter rest button. If the display does not come on, remove the counter from the faceplate and check the battery is installed and oriented correctly.

If the counter still does not come on, decouple the counter wire from the frame wire and swap out the counter unit. Install a new battery and re-attach the connection wire under the faceplate. Test the counter to ensure it is working.



Call for details: 1-866-219-5335 Outside the US: 1-908-879-2713

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Step 2 - Test the Sensor

If the counter works but the unit is still not counting then the next step is to examine the receiving sensor on the frame. The sensor is the small square located between the rails halfway up the assembly where the curved support bar joins the rails. This can be tested using a handheld magnet (a medium-sized kitchen magnet should work for this). Wave the magnet over the sensor. If the counter counts, then the sensor is working correctly. Proceed to step 3. If not, then the next step is to replace the sensor.



Disconnect the sensor wire from the short frame wire. Once this is done, use a Phillips head screwdriver to remove the sensor from the frame. Use the same hardware to re-attach the sensor and then reconnect the wires. Test the sensor with a magnet again.

Step 3 - Check the magnet under the Carriage

Check the magnet under the carriage to confirm that it is still in place and not missing or that the arm has not become bent in such a way as to increase the distance between the magnet and the sensor to such a degree that it impairs the sensors ability to detect the magnet when it passes.



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Step 4 - Replace the frame wire lines

WARNING: This step is best completed with the use of string, thread, or fishing line when extracting the wire from inside the frame. Do not attempt this step until you have all the necessary materials!

If all else has failed to resolve the issue with the counter, the frame wires should be replaced. The frame wires consist of a long wire that runs down the front fork and joins to a short wire that runs up the curved support bar.

Disconnect the wire assembly at the two visible access points; under the faceplate from the counter and at the sensor wire by the rails.

Next, tip the machine onto its side and loosen the 4 bolts that connect the rails to the front fork. There will be 2 at the base of the curved support bar and 2 at the top of the rail assembly. Gently pull the front fork away from the frame and the long & short wire connection should appear at the base of the curved support bar.

Disconnect the connection between the two wires.

BEFORE you pull either wire from their frame housing, you should tie off the end using a piece of thread, string or fishing line.

Now you can extract the wire while feeding your tether line into the frame piece. Once the piece has been fully extracted, untie the string from the old wire and re-tie it to the new wire and then pull the new wire back through the frame. Repeat this process for the second wire.

Reconnect the 2 wires and then carefully reattach the rail and curved support mount to the front fork, being careful not to pinch the wire at the base of the unit. Set the unit upright and then reconnect the sensor wire and the counter wire. Test the unit to ensure it is working correctly.



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