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Optio Fuel™

PCB Replacement Guide

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Optio Fuel™ Open Sensor & Remove PCB

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2 Philips screwdrivers - #2 (large) to take off the top and #3 (small) to remove the Printed Circuit Board (PCB)

Notes:

1. *To replace the circuit board you do NOT need to completely disassemble the sensor so you do NOT need to remove the mounting screws that run through the sensor or disconnect the hoses.*

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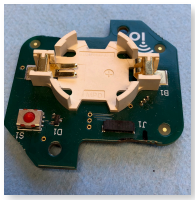
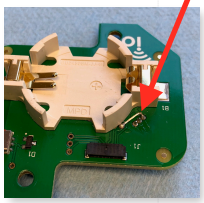
Disassemble your sensor

1. Component identification:

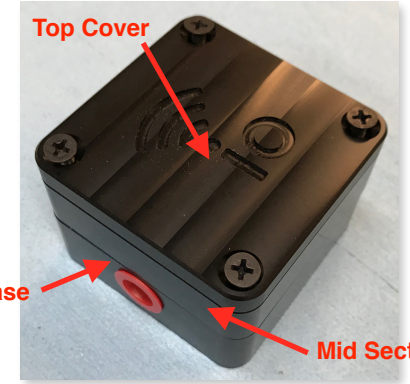


Gen 1
Darker green and no jumper on board

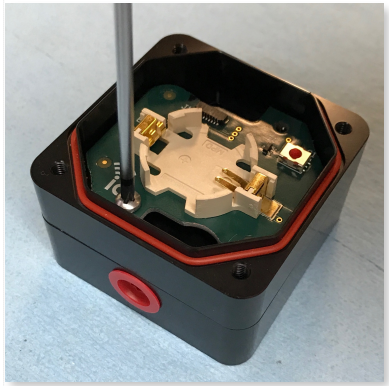


Gen 2
Lighter green with jumper

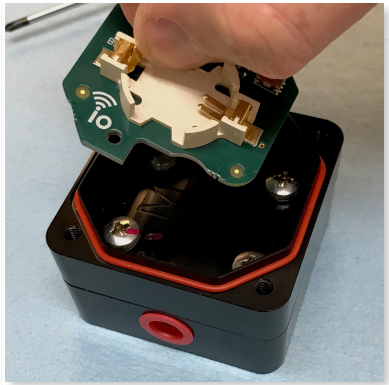
2. Start by removing the 4 black flat head screws and remove the cover.



3. Remove the sensor battery
4. Next, remove the circuit board by removing the 2 small M3 screws. Use the smaller of the 2 Philips screwdrivers for the PCB screws.



5. Lift the Circuit board out by holding it by the battery holder



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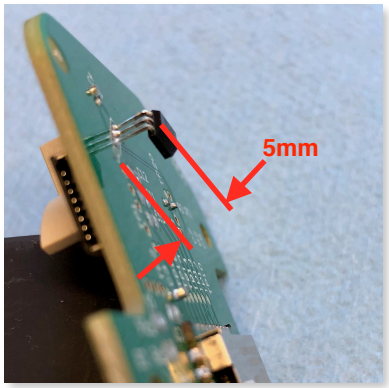
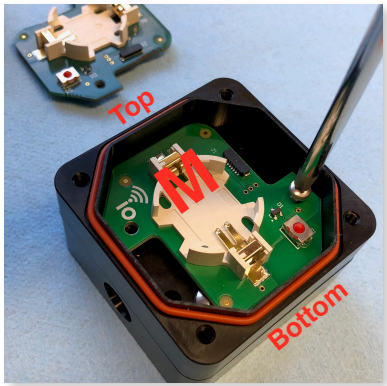
Re-assembly

6. Before screwing the circuit board back down, double-check that the Hall effect sensor on the bottom of the circuit board is hanging down and didn't get accidentally bent up while in shipping. There may be a piece of foam under the sensor, remove it and discard. It should protrude approx. 5mm below the



7. Orient the sensor with the engraved 'M' (M stands for Magnet) right side up. Be sure the red reset button is at the "bottom" right as pictured and that the hall effect sensor is over the M. Screw the circuit board back into place with the two M3 pan head screws.



8. Remove the old identification label and add the new one to the side of the sensor base
9. Re-install the battery. Replace with a new one if the battery voltage is below 50%
10. Finish by re-installing the top cover and tighten the four black, flat head M4 screws.

If you need help or support our contact information can be found on the "More" tab.

Contact us by phone:
+1 (877) 304-9476

or email us at:
support@interactio.co

Warnings:

1. *Do not blow compressed air through the sensor or it will void the warranty.*
2. *Test the function of the sensor by sucking air through it, NOT blowing air in. Your breath is warm and will cause condensation in the gear pocket which makes the gears sticky*
3. *Only work on the sensor in a clean location and do not introduce dust or debris to the sensors or it could cause the gears to jam during operation.*
4. ***IMPORTANT! Always check for leaks after priming and when engine is running any time you service the sensor!***

Be sure to check all fuel lines for leaks immediately upon starting engine(s) for the first time after the installation and regularly thereafter to ensure proper operation!

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