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## **i500 SD CARD REPLACEMENT**

### **APPLICATION**

This document covers the procedure to replace a SD card in an i500 flow transmitter.

### **TOOLS AND MATERIAL REQUIRED**

- Micro SD Card Reader.
- Spare 2 GB Micro SD Card.

### **PROCEDURE**

1. Confirm the installed Micro SD card is corrupted or faulty by attempting to read in an SD card reader on a PC.
2. After verification the Micro SD card is corrupted or faulty acquire a new formatted Micro SD card.
3. Ensure the I500 has been powered down.  
**NOTE:** To power down, disconnect the orange connector from the i500 board. DO NOT rely on removing the leads from the battery. The i500 can still be powered from the solar panel.
4. Insert new Micro SD card into i500.
5. Power up the i500 transmitter. During power up the display will go through a diagnostic self-test sequence.
6. Verify the DAT diagnostic returns a PASS. If it results in a FAIL, stop the procedure and contact your nearest Aquamonix Service Centre.
7. Access configuration menu by entering Level 1 ( passcode “2000”). Navigate to menu “11. FILE MENU”.
8. Navigate down to the Validate SD card parameter “11.5 VALIDATE” and push the tick key.
9. Load meter parameters to SD Card by navigating to parameter “11.3 SAVE TO SD CARD” and push the tick key.
10. Push the back arrow key to back out of all menus and disconnect power from the i500 for a few seconds then reapply power.
11. Confirm all initial diagnostic checks are a “PASS” and that the i500 is operating correctly.

### **NOTE**

Refer to i500 manual for detailed instructions on how to navigate the i500 menu system.