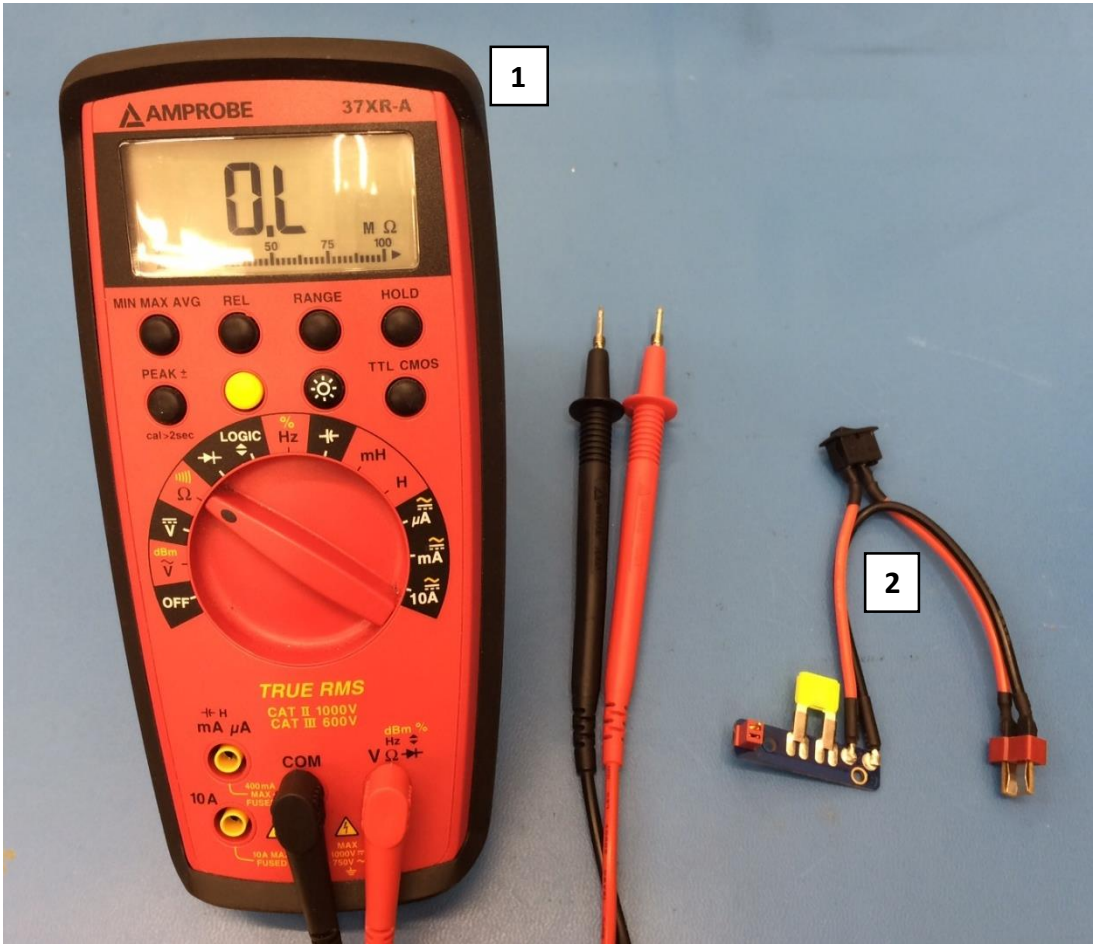


SYNTHIAM

E-04 Test Procedures

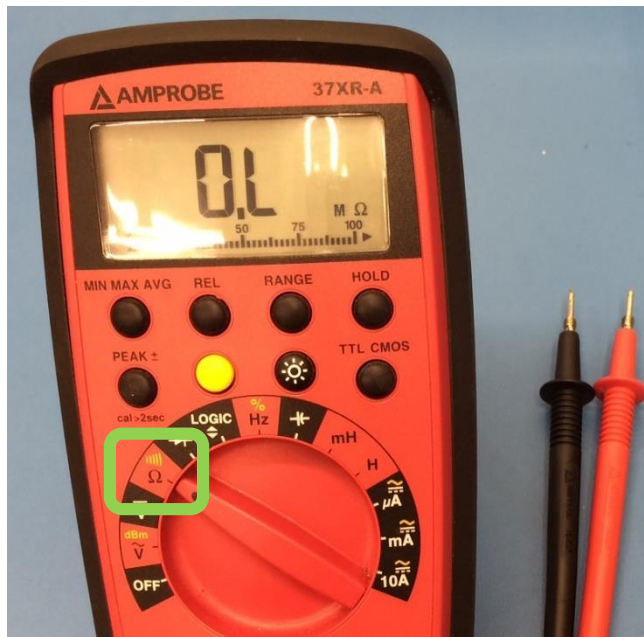
E-04/E-14 Wiring Harness Continuity and Short Circuit Test



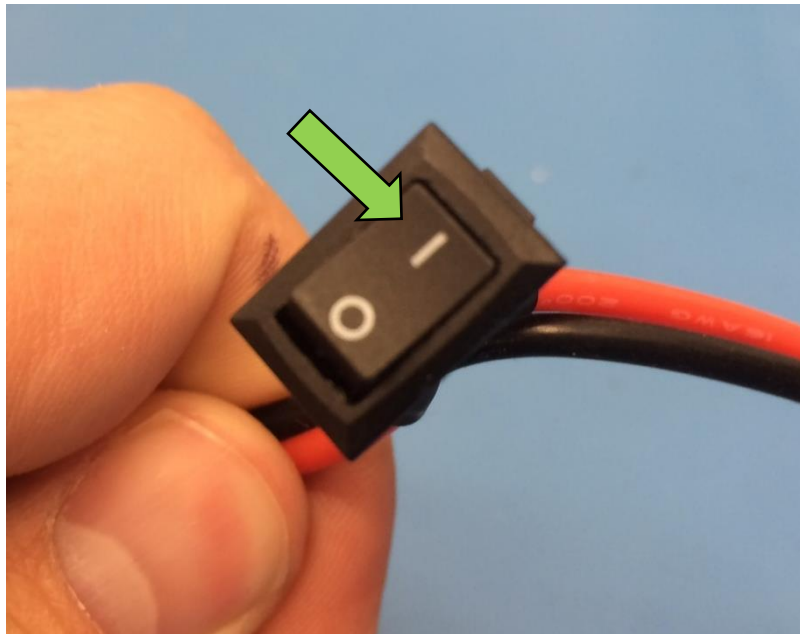
PARTS & TOOLS

#	Part #	Name	Qty
1	N/A	Ohmmeter	1
2	E-04 or E-14	Wiring Harness	1

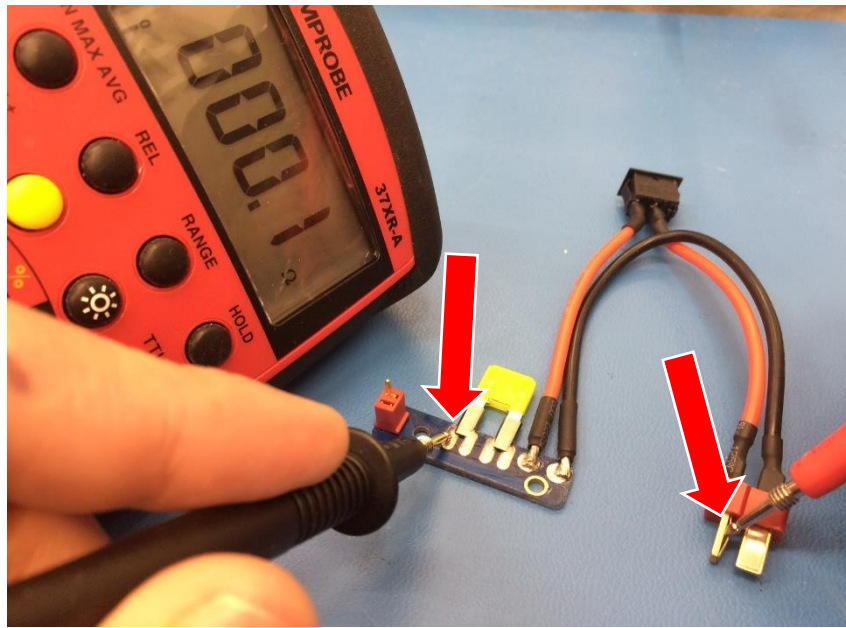
Test Summary: This test must be done for every E-04/E-14. This test verifies that power can get from the battery to the micro deans connector. It also verifies that the switch is working



Step 1. Place Multimeter on the Ohms setting

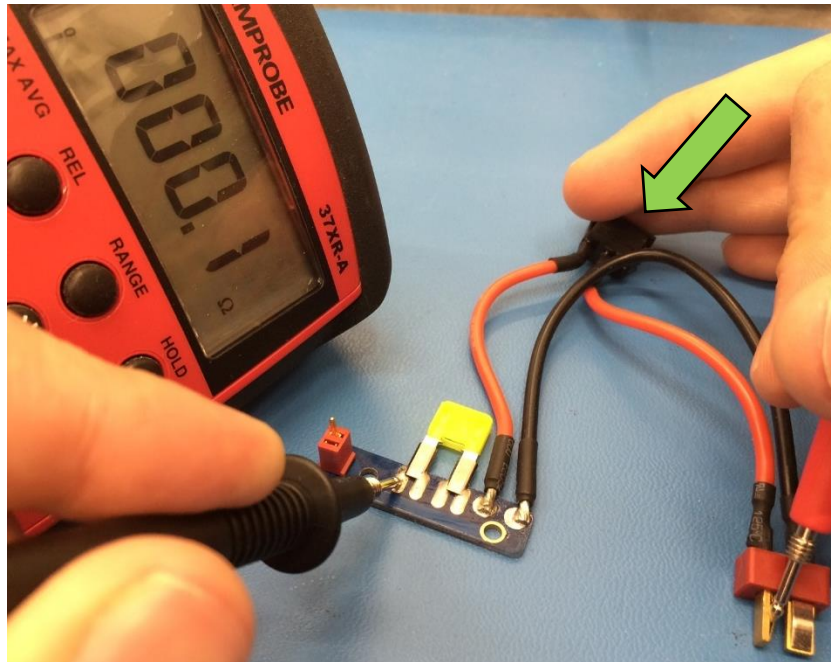


Step 2. Flip the switch to the ON "I" Position



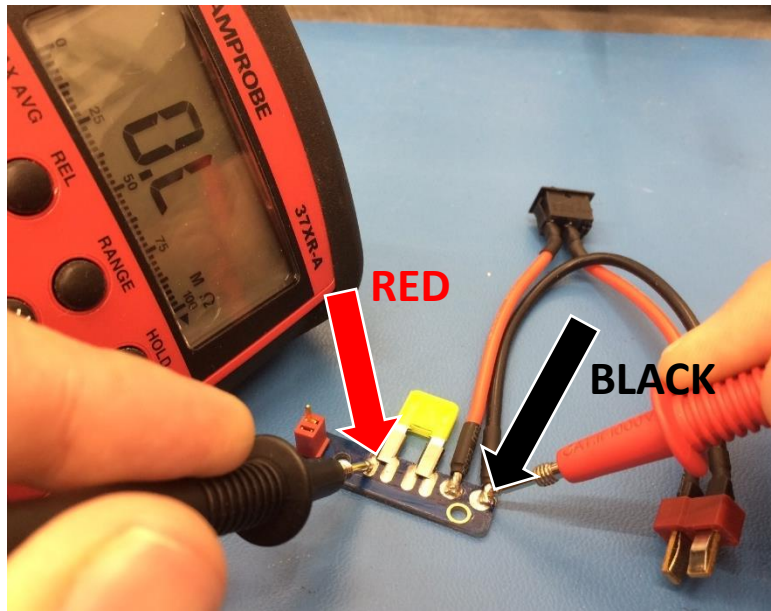
Step 3. Place the ohmmeter leads on the Deans plug red wire connection and the output side of the ATM fuse

IMPORTANT The ohmmeter must read near to 0Ω or the test has failed



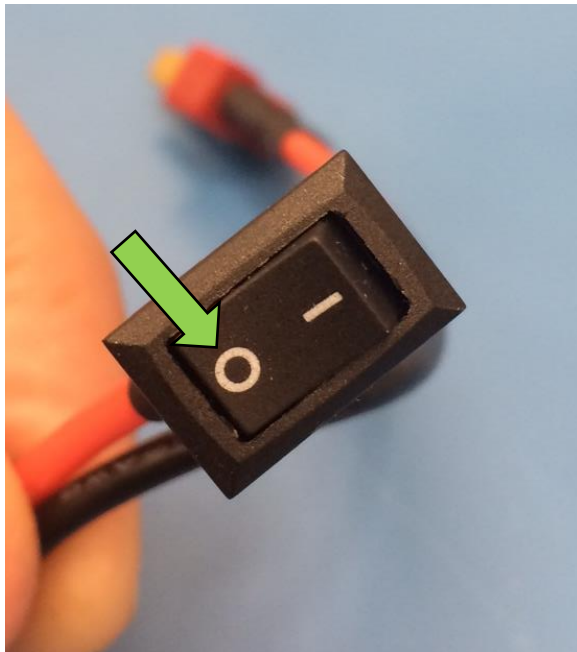
Step 4. While still measuring the same points, push on the switch in order to flex the red wire connections. Keep the switch in the "I" position

IMPORTANT The ohmmeter must read near to 0Ω the entire time well flexing the red wire or the test has failed



Step 5. Please check the Red wire connection to the Black wire connection for a Short circuit

IMPORTANT If the ohmmeter reads near to 0Ω the test has failed. The reading should be “Open” or “Infinite resistance”



Step 6. Turn the E-04/E-14 switch to the OFF “O” position. The E-04/E-14 Wiring Harness Continuity and Short Circuit Test is now complete