

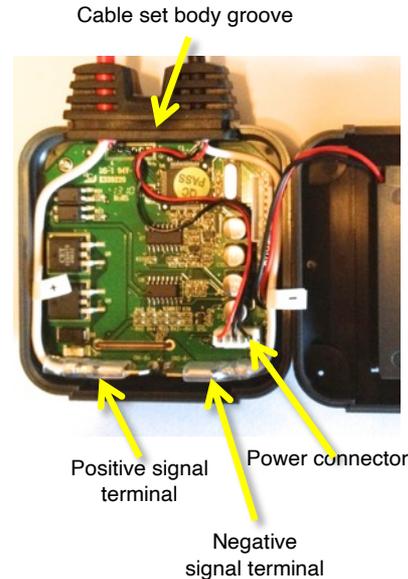
Straight inner-edges of impact guards on rear side.

Tools Required:

- 1.5mm hex key (included in kit)
- small needle-nose pliers

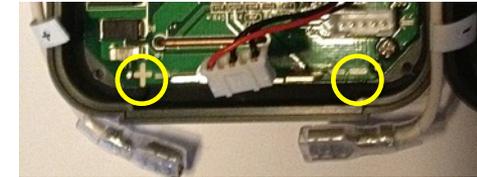
Step 1: Open the Plastic Housing

- Remove the rear battery door and 9V battery. When removing the 9V battery gently pry the snap connectors from the top of the battery. Do not pull on the battery to separate it from the connectors since you may rip the internal wire connections from the circuit board and destroy the tester.
- Remove the four corner screws with a 1.5mm hex key.
- Repeat on the front side.
- Separate the two side impact guards from the tester body. Note the impact guards have a straight inner-edge on the rear side, and a notched inner-edge on the front side.



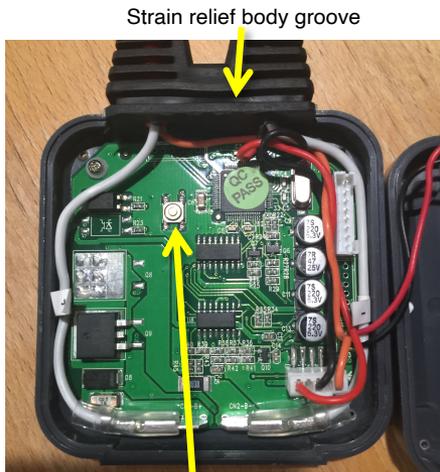
Step 2: Remove Old Cable set

- Gently separate the tester body, and lay flat.
- GENTLY wiggle and lift the power connector from the PCB.
- Note the positive(+) and negative (-) tags on the white signal wires.
- Grasp the narrow portion of the signal wire terminals with needle-nose pliers, and GENTLY wiggle outward to detach from the male tabs on the PCB.
- Note the "+" and "-" labels printed on the circuit board next to the tab terminals.



Step 3: Connect New Cable Set

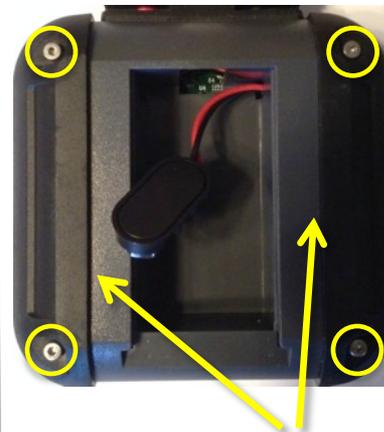
- Connect the positive and negative white wire terminals to the tabs on the circuit board
- Route the white signal wires along the inside edge of the tester body as shown.
- Connect the power connector to the circuit board and route the wires as shown. Take special care not to put pressure on any circuit board components and make sure no wires run over the small silver tester options programming button on the circuit board.
- Press the strain relief body groove into the tester body.



tester options programming button

Step 4: Assemble the Housing

- Fold the tester body halves together. Make sure the top of the plastic housing fits securely into the strain relief body groove.
- Press the side impact guards onto the sides of the tester body. Make sure the straight inner-edges are on the rear, and the notched inner-edges on the front.
- Replace the four corner screws. Tighten each screw until the head just meets the impact guard, then turn an additional one full turn only.
- Repeat on the front side.
- Replace the 9V internal battery and battery door
- Attach to a charged 12V battery, and the boot screen should appear. Success!



Ensure straight inner-edges of impact guards are on rear side. The notched inner-edge goes on the display side.