

Tools and Materials Needed

1. Replacement Backplate Assembly (#103560, #105294, #105295, #104252-black)
 - Backplate (#103264, #104452, #104448, #104057-black)
 - 3 x Phillips Screws (#103485)
2. Robertson or Phillips Screwdriver
3. Retaining Ring Pliers

Instructions

1. Use the Phillips or Robertson screwdriver to undo the three screws holding the faceplate to the hub.
2. Remove the faceplate and disconnect the Molex connector that attaches the faceplate electronics to the tape/cable.

Note: There is no Molex connector to disconnect when replacing the backplate on a Model 103 Tag Line.



3. Secure the tape/cable so it does not slide off the reel.



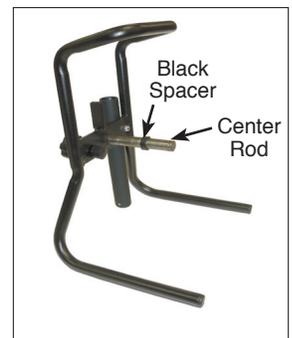
4. Use the retaining ring pliers to remove the retaining ring holding the hub to the centre rod of the frame. Remove the three washers.

Note: Model 122 Interface Meters will have an additional washer over the centre rod that is connected to the ground cable. Remove this washer as well.



Red and Black Replacement Backplate Assemblies

5. Pull the hub and attached backplate from the frame.
6. Undo the three screws holding the backplate to the hub.
7. Secure the new backplate to the hub using the three screws.
8. Ensure the black delrin spacer is installed on the centre rod of the frame and the brake pad is flush with the back of the frame. Slide the hub and backplate back onto the frame.
9. Replace the three washers over the centre rod (nylon washer between the two stainless steel washers). Also reinstall the ground cable washer if replacing the backplate on a Model 122. Reinstall the retaining ring on the centre rod.



10. Connect the Molex connector from the faceplate to the tape/cable. (Not required for Model 103 replacements).
11. With the Probe in a glass of tap water, turn the Water Level Meter, Interface Meter or TLC Meter to the 'ON' position. If the connections are correct, the buzzer and light on the Meter will be activated. Check connections if the buzzer does not sound. (Not required for Model 103 replacements).
12. Replace the faceplate on the hub and re-secure the three screws.