

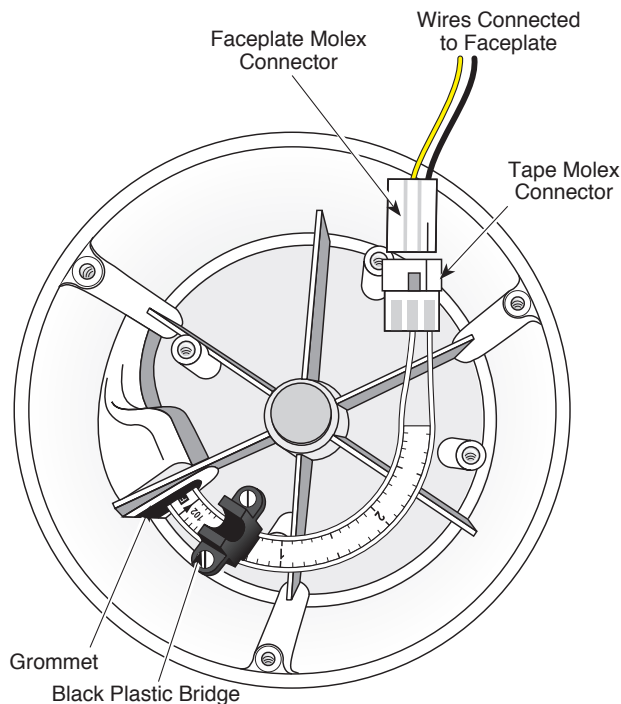
Tools and Materials Needed

- Model 101 P7/107 Replacement Laser Tape Assembly Includes:
 - Jumper Cable (New Tape - 3 Pin to 2 Pin) (#110508)
 - 3 Pin Molex Connector Housing
 - Grommet
- Phillips or Robertson Screwdriver
- Wire Cutters

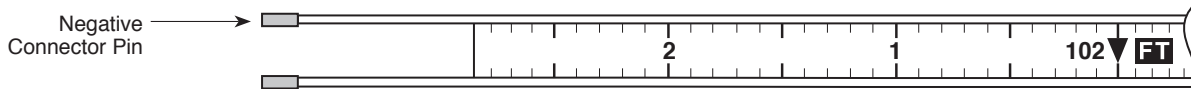
Note: The Jumper Cable is only required if you are connecting the new Laser Tape to a Model 101 Water Level Meter that previously used polyethylene tape (with red ft/m markings). The Molex Connector from the faceplate electronics will have a 2 pin connection.

Instructions

- Place the reel on a flat workbench with the faceplate up. Undo the three screws from the faceplate, and slowly remove it from the reel.
- Disconnect the old Tape Molex Connector from the Faceplate Molex Connector.



Inside View of 101 P7/107 Reel Hub



- Undo the two screws from the black plastic bridge holding the tape inside the reel hub, and remove the top piece of the bridge.
- Use the wire cutters to cut the old Tape Molex Connector from the old tape. Pull the old tape through the grommet and remove it from the reel.
- Feed the new Laser Tape through the grommet into the reel hub.

Note: The replacement tape comes with a new grommet. The old grommet may be replaced with the new one, or left in if not damaged.

- By hand, insert the connector pins into the new Tape Molex Connector housing. The negative connector pin is inserted into the terminal on the pointed side of the Tape Molex Connector, housing and the positive pin into the middle terminal. The negative pin is above the numbers on the tape (see diagram at the bottom of the page). The third terminal is left open.
- Position the tape inside the reel hub with black plastic bridge over top and refasten the two screws to secure the tape to the reel.
- Connect the Tape Molex Connector to the Faceplate Molex Connector.

Note: If you are connecting the Laser Tape to a Model 101 that previously used polyethylene tape, you will need to use the Jumper Cable. Attach the 3 pin connection to the Tape Molex Connector, and the 2 pin connection to the Faceplate Molex Connector.



Jumper Cable (New Tape - 3 Pin to 2 Pin) (#110508)

- Attach the probe to the tape seal (existing or replacement probe).
See separate probe replacement instructions.

Notes: The Model 107 probe comes factory calibrated, so there is no need to conduct a user calibration. If with time, recalibration is required, please refer to the Model 107 TLC Meter Operating Instructions.

- With the probe in a glass of tap water, turn the Meter 'ON'. If the buzzer or light do not activate, or the Model 107 LCD does not show temperature or conductivity, check the probe and tape connections.
- Replace the faceplate on the reel and re-secure the three screws.
- Slowly wind the tape onto the reel, holding to ensure no slack.