

# Signal Sending Torque Wrench

## Calibration Procedure

### WHAT YOU WILL NEED

1. A Torque Tester capable of testing the full range of your torque wrench.
2. The desired Drive End and a way to connect it to your Torque Testers' square drive.
3. 3/32" Hex Bit.
4. 1/8" Hex Bit. NOTE: A t-handle hex bit will work but may need to be longer in order to reach into the cavity where the 1/8" set screw sits.

### CALIBRATION STEPS

1. With the desired drive end attached to your torque wrench, determine what the current torque setting is on the torque wrench by clicking it 5 to 6 times on the torque tester.
2. Remove the Holding Screws with a 1/8" hex key and DO NOT LOSE THEM (Using an off-the-shelf button head screw may result in damage to the internal wiring.) NOTE: Some special models will have an extension between the switch housing and the torque wrench. If your tool has this extension, remove the holding screws at the point of the extension.
3. Slide the Switch Housing Assembly out.
4. A Push Rod will be inside. Turn the wrench handle end down and catch the Push Rod as it slides out. NOTE: DO NOT mix push rods, as these are made to match the torque wrench and switch housing.
5. Loosen, but do not remove, the Lock Set Screw with a 3/32" hex key. NOTE: In some torque wrenches, the Lock Set Screw will not be visible. Slide the Black Foam Grip until the Lock Screw appears.
6. With a 1/8" hex key, reach through the bottom end to contact and engage onto the Adjusting Screw.
7. Turn clockwise to increase or counter-clockwise to decrease torque.
8. Click the wrench after adjustments are made to determine where the torque setting is now. CAUTION: Do not exceed the maximum capable torque of the torque wrench, torque tester or Drive End.
9. Once you have reached the new desired torque setting, tighten the Lock Screw— DO NOT OVER-TIGHTEN!
10. Click the torque wrench 5-6 times to double-check the new setting.
11. Replace Push Rod.
12. Replace Switch Housing Assembly.
13. Replace Holding Screws — DO NOT OVER-TIGHTEN!

