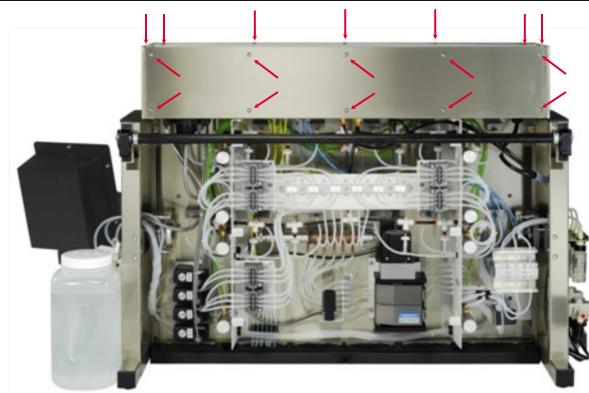


To replace the TDF16 High Pressure Sensor Assembly on the ANKOM<sup>TDF</sup> Dietary Fiber Analyzer, follow the steps below.

This replacement part may be require for continued E11 or E12 Faults.  
 Refer to related Technical FAQs at [www.ankom.com](http://www.ankom.com) for more details.



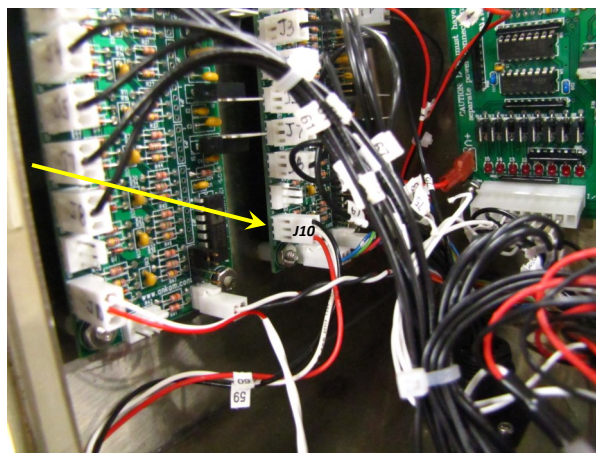
1. Prepare the instrument for service.
  - a. Power off the instrument.
  - b. Remove the electrical enclosure top and back panels.  
 There are a total of 17 screws that will need to be removed using an 1/8" hex driver.



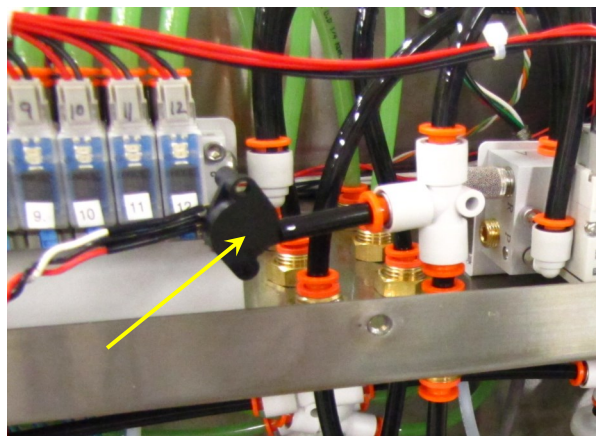
2. Obtain a TDF16 High Pressure Sensor Assembly, as shown.



3. Disconnect the malfunctioning TDF16 High Pressure Sensor from the MUX-P circuit board. Pull the 3-pin connector labeled "J10" from the circuit board.



4. Disconnect the pressure sensor from the three-way air line fitting as shown. Press back on the orange flange while simultaneously pulling the black tube out.



5. Reconnect the new TDF16 High Pressure Sensor to the three-way fitting and to the correct position on the MUX-P circuit board. While staying clear of the internal wiring of the electrical enclosure, turn the power back on to the instrument. Go to Diagnostics and select Pressures. Confirm that the Input pressure is now reading correctly. This should show the combination of the reading on the high pressure N2 regulator plus ambient atmospheric pressure (approx. between 10 and 15). With that verified, turn power back off to the instrument. Replace the top and back panels of the electrical enclosure. For any further questions, contact ANKOM Technology at <https://www.ankom.com/contact/technical-services> or call 1-315-986-8090.

