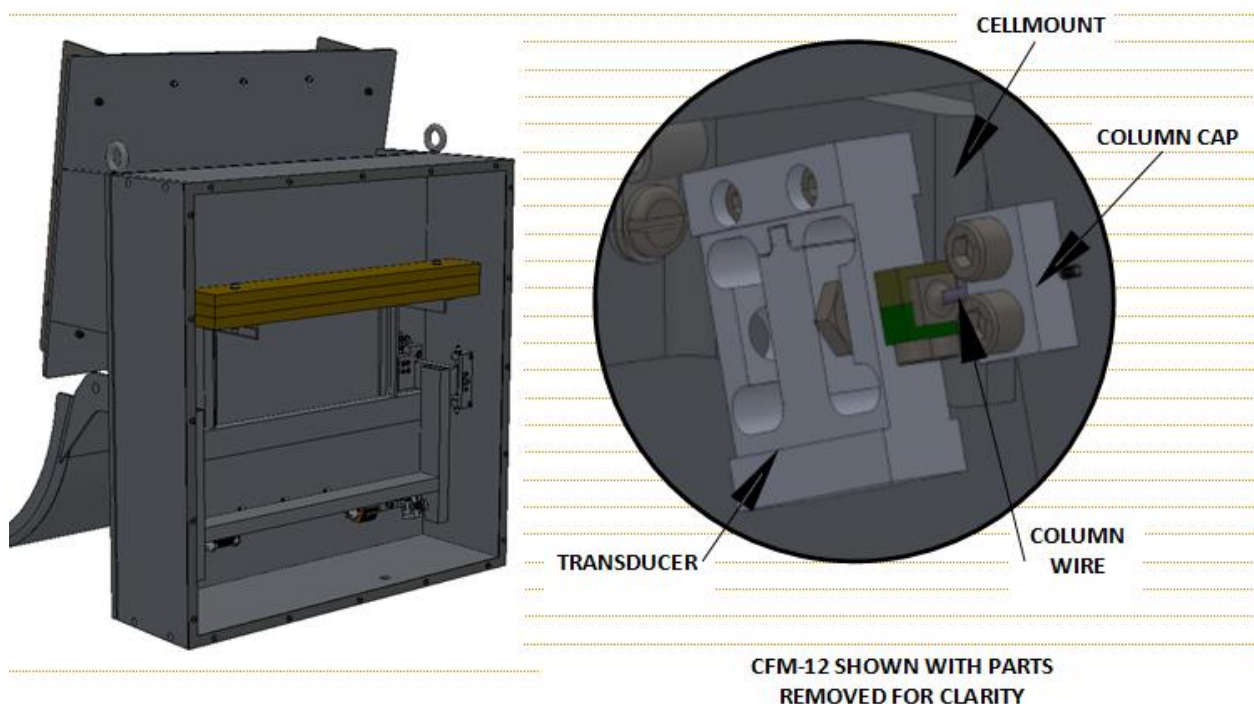


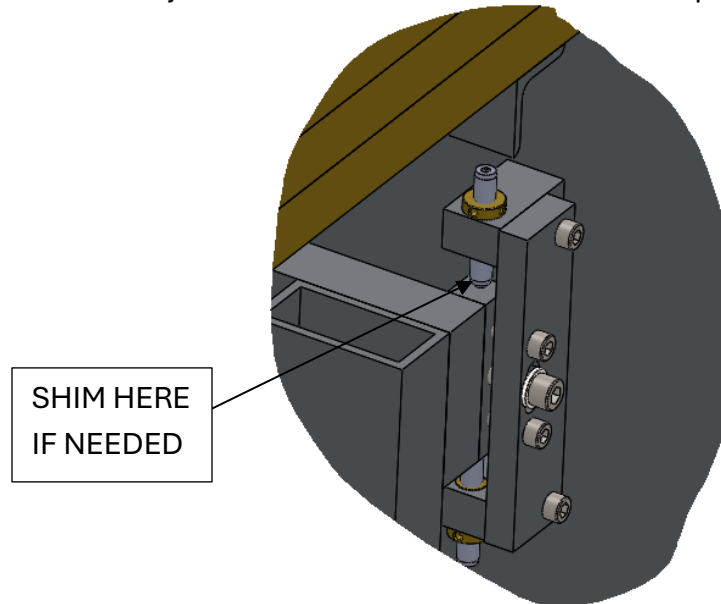
1. Disconnect power to the CentriFlow® Meter.
2. Remove the Rear Access Panel.
3. Disconnect the leads from the Transducer to the Wago connector.
4. Remove the Column Cap clamping the Column Wire wire.
5. Remove the Transducer.
6. Make sure the Shipping Lock Bolts are not installed when beginning the replacement. However, if the Transducer is being replaced at a location other than the installation point, the Shipping Lock Bolt(s) should be installed while the meter is being moved.
7. Make sure that there is no product flowing through the system.

Installing a Transducer

1. Make sure that the CentriFlow® Meter is installed properly and securely. If the Transducer is being replaced in another location other than the installation point, set the meter at the exact same level so that the balance of the Pan is correct.
2. Fasten the new Transducer (or Load Cell), using the original screws with Removable Loctite 242 (Blue), to the Cellmount.
3. Check that the Column Wire lies flat on the Counterweight Arm with no air gap and not flexed under pressure. If the wire does not sit flat or is flexed under pressure, adjust the Cell Mount to correct this. When the correct position is obtained, tighten the screws holding the Cell Mount.



4. Connect the thin wires from the Transducer to the Wago connector putting them into their color-coded slots. Note: White and Red are mV output, Green and Black are 5.0Vdc input.
5. Allow the Curved Measurement Pan and Counterweight assembly to find its natural relaxed state. Ensure it is clean with no residual product present. **If needed**, a 0.010" shim may be placed on top of the counterweight assembly underneath the top overtravel adjustment screw to create the needed space.



6. Place the Column Cap over the Column Wire and gently tighten the screws to lightly clamp the Column Wire to the Column Adjuster and Column Cap. Be careful not to bias the assembly up or down while tightening. Tighten enough to ensure the wire will not slip with light pressures. Be sure to tighten the screws evenly for proper clamping. Repeat for other side.
7. Remove any shims used for spacing.
8. On the Electronics, monitor the mV value on the CAL.ZERO page. This value must be 0.00, within +/-0.35mV. Carefully tighten all of the clamping screws while observing the mV value. Alternate screws to keep the value Zero to within +/- 0.35mV. Be sure to securely tighten the screws so that the new Column Wire cannot slip.
9. Ensure that you have 0.010" of clearance between the top of the counterweight and the top overtravel screw, and 0.010" of clearance between the bottom of the counterweight and the bottom overtravel screw.
10. Perform a CALs (Static Calibration) procedure.