



**Badger Meter**

# Meter Competition Assembly Steps

## Recordall® M25 with Local Register

### Step 1

Insert Thrust Roller in the Chamber Bottom slot.

### Step 2

Insert Thrust Roller into hole of Disc Component. Drop Disc Component into Chamber Bottom aligning Thrust Roller into Thrust Roller slot position. The Disc Spindle should face up.

### Step 3

Attach Chamber Top by aligning Thrust Roller Insert with top insert slot. Once aligned, snap the chamber halves together. Rotate magnet counterclockwise to ensure that the disc nutates without any drag or catch.

Chamber Bottom Slot



Thrust Roller Slot Position



Disc Component Hole



Chamber Top

Drive Magnet

Chamber Bottom

Inlet Ports

**Completed Chamber Assembly**

Outlet Ports



Locating Tabs



**Step 4**

With the Chamber Magnet facing down, align the Locating Tabs and drop the Chamber Assembly into position in the Meter Housing.

Plastic Screen

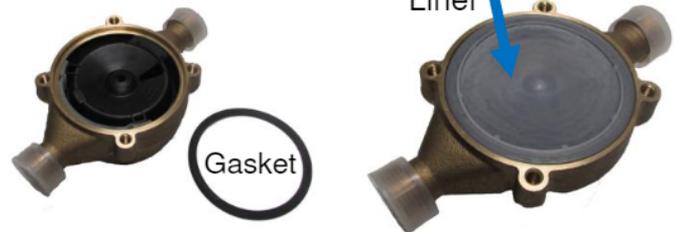


**Step 5**

Insert Plastic Screen between Chamber Assembly and inlet side of Housing. Make sure screen is level with Gasket surface in Housing.

**Step 6**

Place Gasket on Housing surface. Drop the Liner over Gasket with dome shape upward.



**Step 7**

Position the Bottom Plate over the Liner, with Badger name upward. With holes aligned to Meter Housing, hand thread the four (4) bolts. Tighten bolts with wrench.



**Step 8**

Flip meter over and position Register on Meter Bayonet. Secure by turning clockwise.



**NOTE:** The chamber outlet port O-Ring is not included for competition purposes.