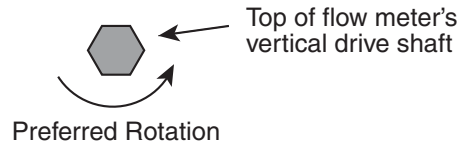


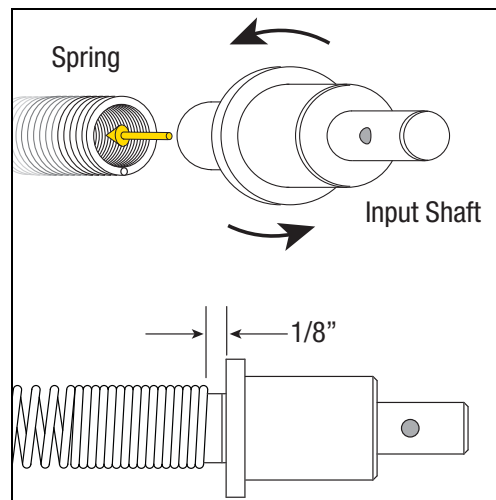
Spring Installation Instructions

NOTE: Veeder-Root recommends that the EMR3 Meter Register is driven in the counter-clockwise (CCW) rotation. When looking down at the end of the flow meter vertical drive shaft it should be turning CCW (see below).



NOTE: The flow meter's drive shaft end view may vary depending on the flow meter type.

1. Remove the four cover bolts of the EMR3 Display Head and lift off the cover. Put the cover and bolts aside.
2. With the encoder spring in your left hand and the input shaft in your right, orient the input shaft as shown in Figure 1, then rotate the input shaft in a counter-clockwise direction as you 'screw' it into the spring until the flange on the input shaft is about 1/8" from the end of the spring.



NOTE: The Input Shaft's appearance may vary depending on the flow meter type.

Figure 1. Screwing Input Shaft CCW Into Encoder Spring

3. With the Encoder Spring/Input Shaft assembly in one hand, push the open spring end onto the pulse encoder's shaft. Work the spring onto the shaft until it is about 1/8" from the pulse encoder (Figure 2).

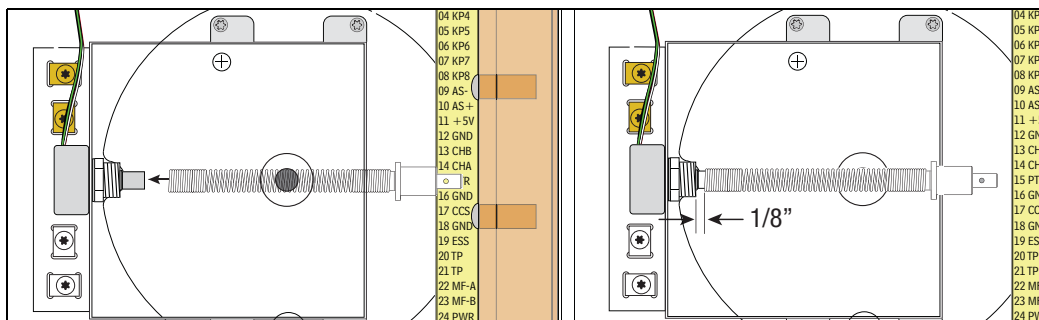


Figure 2. Pushing Encoder Spring Onto Pulse Encoder Shaft

4. Place the thin washer from the kit onto the input shaft against the underside of the flange on the input shaft and then CAREFULLY bend the spring to insert the end of the input shaft into the center hole on the bottom of the EMR³ display head (Figure 3). Install the meter coupling as instructed in the EMR³ Installation Guide, Manual No. 577013-758.

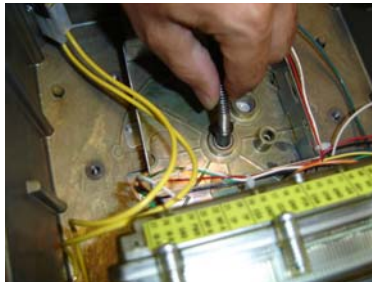


Figure 3. Inserting Input Shaft Into Base Of Display Head

If additional information is required, contact Mechanical / EMR Customer Service at:

800-873-3313 Option 6

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1. Thoroughly examine all components and units as soon as they are received. If damaged, write a complete and detailed description of the damage on the face of the freight bill. The carrier's agent must verify the inspection and sign the description.
2. Immediately notify the delivering carrier of damage or loss. This notification may be given either in person or by telephone. Written confirmation must be mailed within 48 hours. Railroads and motor carriers are reluctant to make adjustments for damaged merchandise unless inspected and reported promptly.
3. Risk of loss, or damage to merchandise remains with the buyer. It is the buyer's responsibility to file a claim with the carrier involved.

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