

CDI 5450-XXX-CBL INSTRUCTIONS

REMOVAL HARNESS FOR 5450 HOT-TAP FLOWMETERS

CONTENTS

5450-XXX-CBL Removal Harness

- Size-Specific Cable
- (2) Shoulder Bolts



INSTRUCTIONS

1. Identify and remove the two set screws (Fig. 1) from the top assembly.
 - a. These are added safety features and will not release the top assembly once removed.
2. Install the Removal Harness by threading the two shoulder bolts where the set screws were just removed (Fig. 2).
 - a. The cable must go around the pipe.
3. Identify the two spring-loaded latches that hold the top assembly in place and press both in simultaneously (Fig. 3).
 - a. Pipe pressure will cause the top assembly to slowly move away from the base assembly, which you can assist by pulling.
 - b. To ensure the top assembly can pull far enough away, make sure the Removal Harness does not cross over the meter's ring.
4. Once the top assembly has pulled away to where the cable is taut, close both valves (Fig. 4).
5. With both valves closed, remove the two Removal Harness screws and remove the top assembly completely (Fig. 4).
6. Noting the flow direction, insert the new top assembly so that the probes make contact with the closed valves. With one hand firmly holding the top assembly, use the other to rotate each valve 90° to its open position. Push the top assembly into place until you hear an audible 'click', letting you know the two latches are now firmly in place and it is safe to let go (Fig. 5).
7. Install the two set screws, from step one, into the top assembly (Fig. 6).

Fig. 1

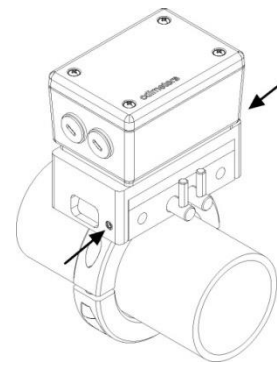


Fig. 2

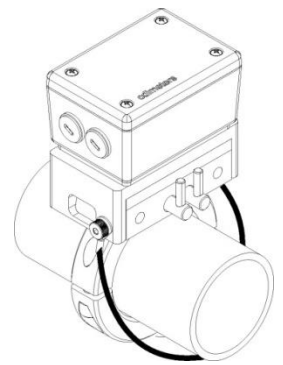


Fig. 3

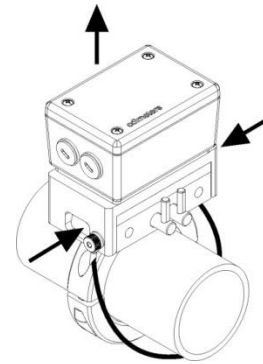


Fig. 4

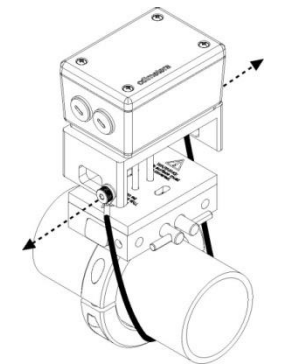


Fig. 5

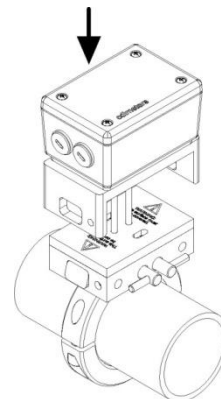
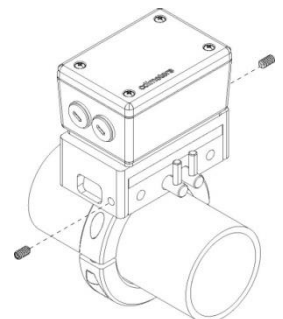


Fig. 6



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