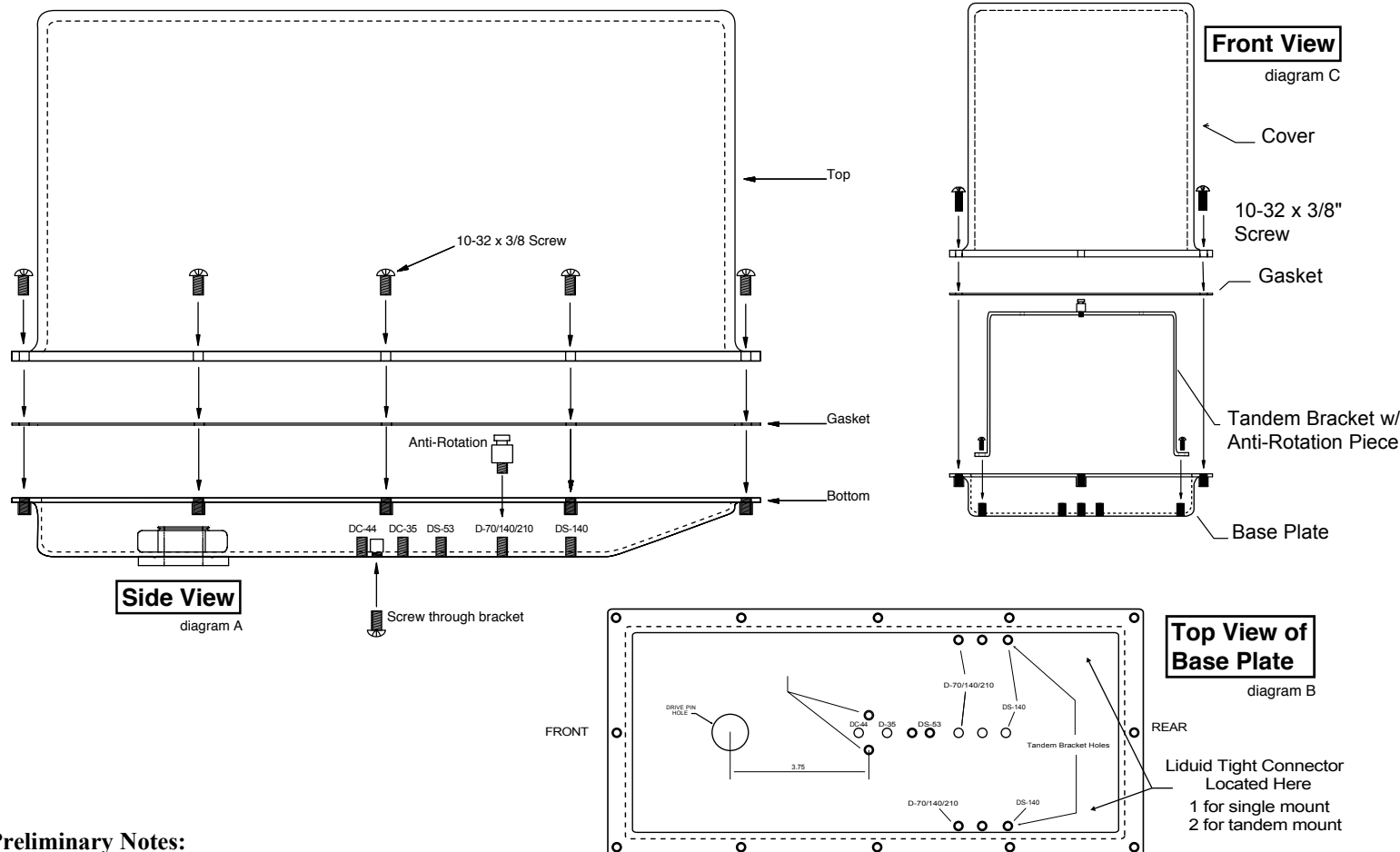


Weather Shield Installation Instructions for Ball and Butterfly Valve Assemblies



Preliminary Notes:

- 1) The weather shield comes fully assembled.
- 2) The cover is held in place with two 10-32 x 3/8" screws.
- 3) Inside the weather shield is a bag containing all the necessary hardware to assemble the weather shield.
 - a) Single Mounted Assemblies: 14) 10-32 x 3/8" screws, 1) Anti-Rotation Piece.
 - b) Tandem Mounted Assemblies: 16) 10-32 x 3/8" screws, 2) Anti-Rotation Pieces, 1) Tandem Bracket.

Installation Instructions:

- 1) Remove the 2 screws holding the cover in place. Lift cover off base plate and globe valve bracket.
- 2) Install anti-rotation piece in the appropriate hole to accommodate the actuator used on your valve assembly. (Refer to diagram B) If tandem, then attach the tandem bracket to the base using two provided 10-32 x 3/8" screws in the appropriate hole for the appropriate actuator. *(Refer to Diagram B for the appropriate mounting hole and diagram C for mounting.)*
- 3) Drive the actuator on the valve assembly to zero volts.
- 4) Loosen nuts on u-bolt assembly, and lift actuator off of drive pin and valve assembly. If you have an old style bracket that does not have the *holes (refer to diagram B) to accommodate the weather shield, first bend down the anti-rotation piece so it is flat, then measure 3-3/4" from the center of the drive pin to the center mark between the holes that will be drilled. From that center mark measure 1/2" to the center of each 1/4" diameter hole. (Template included with the instructions.)
- 5) Slide slot in the back of the actuator into the groove of the anti-rotation piece. If the anti-rotation piece was installed in the correct hole, the drive pin hole in the base and the drive pin hole in the actuator and u-bolt assembly should line up. If not repeat step 2.
- 6) With the actuator in place slide actuator and base of weather shield over drive pin and on valve assembly. If tandem, slide half way down on pin, slide second actuator on the tandem bracket anti-rotation piece, and then down on the drive pin and valve assembly. Secure the base to the bracket using two provided 10-32 x 3/8" screws. (See diagram C.)
- 7) Actuator should be at 0 Volts. Re-tighten u-bolt assembly. If the valve assembly is single mount proceed to step 9. If the valve assembly is tandem mounted go to next step.
- 8) Be sure second actuator is at 0 Volts. Lift the front of the actuator so that it is parallel to the bottom actuator and tighten U-bolt assembly.
- 9) Feed cable from the Actuator through the liquid tight connector.
- 10) Place gasket on cover. Hold gasket in place by inserting remaining 12) 10-32 x 3/8" screws through cover and gasket. Place cover and gasket on base plate and tighten the 12) 10-32 x 3/8" screws that hold it in place. The Weather shield will be fully assembled at this point.