

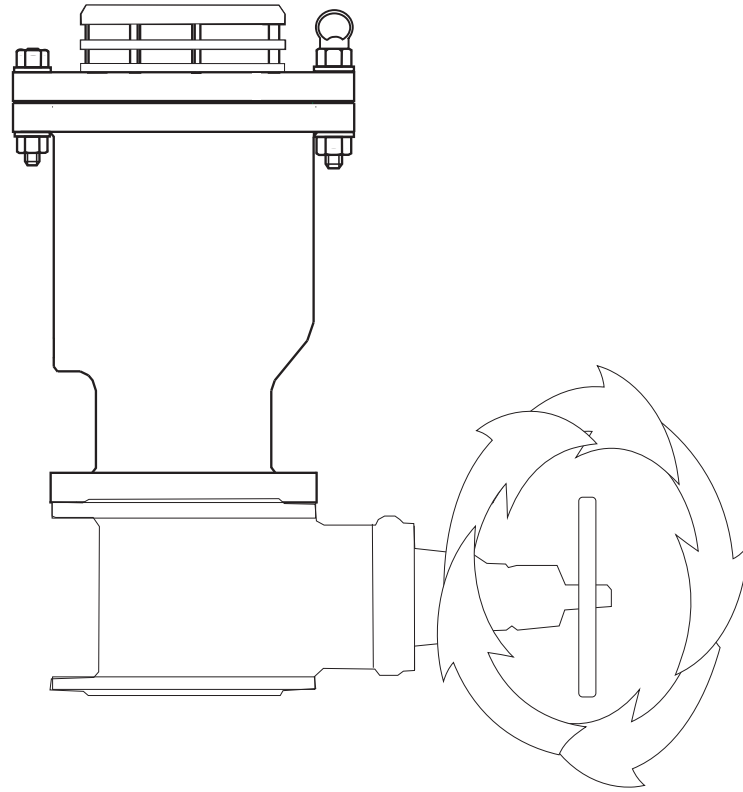
VENT-O-MAT®

SERIES RBXc

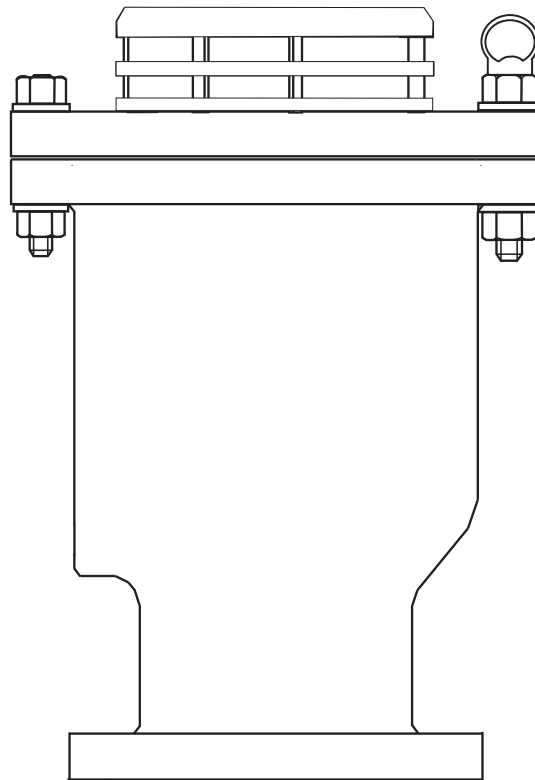
AIR RELEASE VALVES

OWNER'S MANUAL

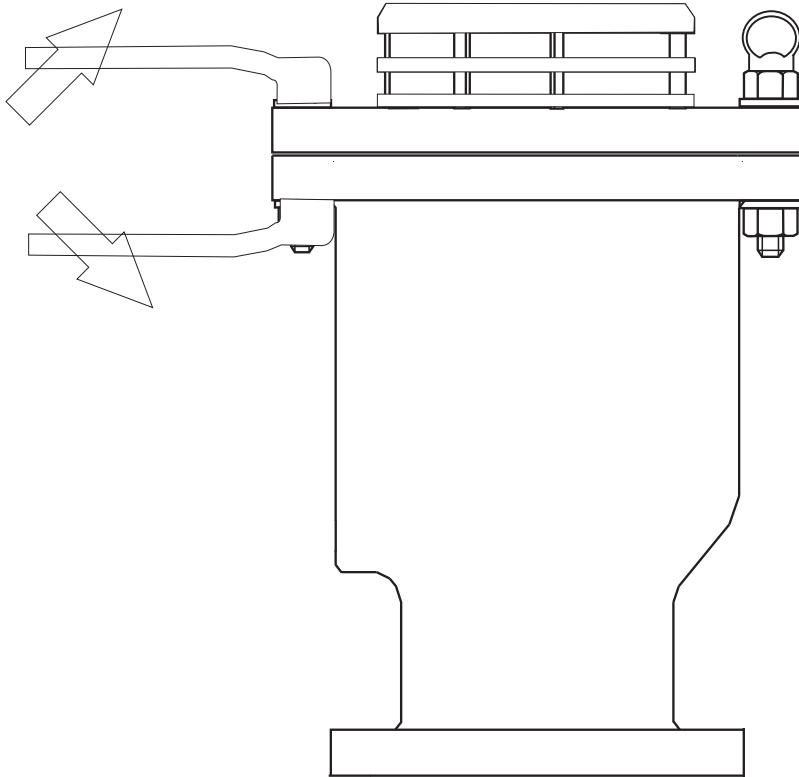
**SPECIFICATIONS AND
OPERATION MANUAL**



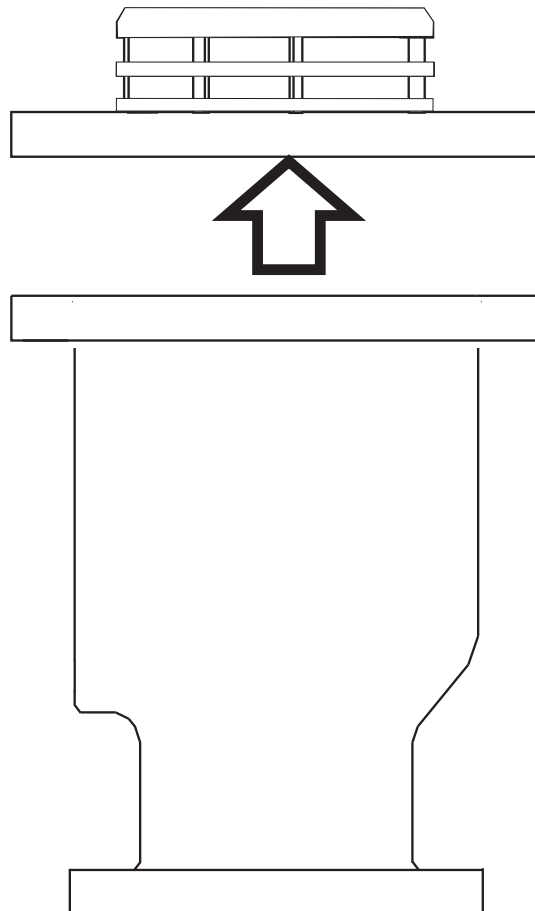
Step One : Isolate Air Valve



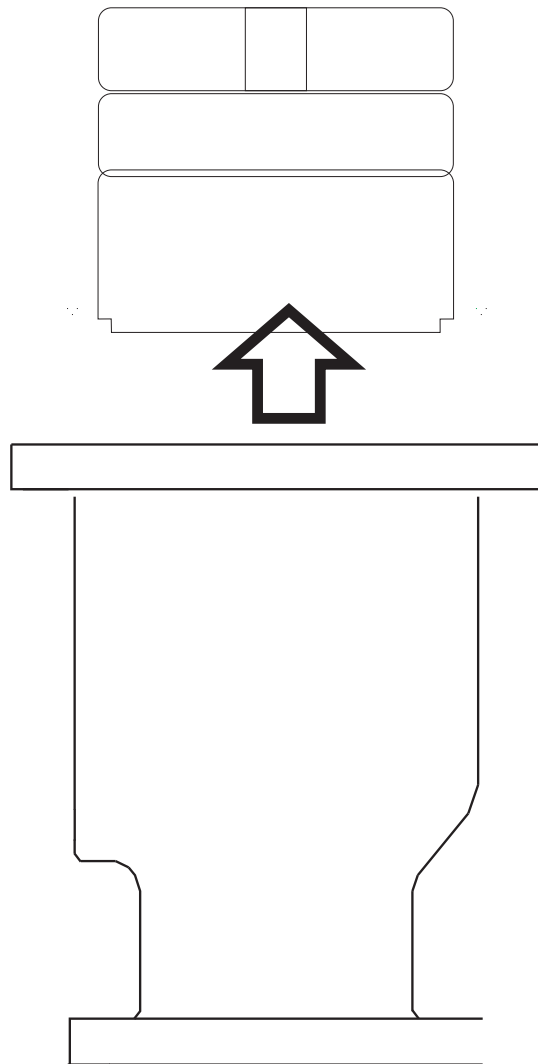
Step Two: Before removing the top flange assembly ensure any excess pressure that may be trapped within the Valve body is be safely released ensure that the main Isolator is fully closed before doing this.



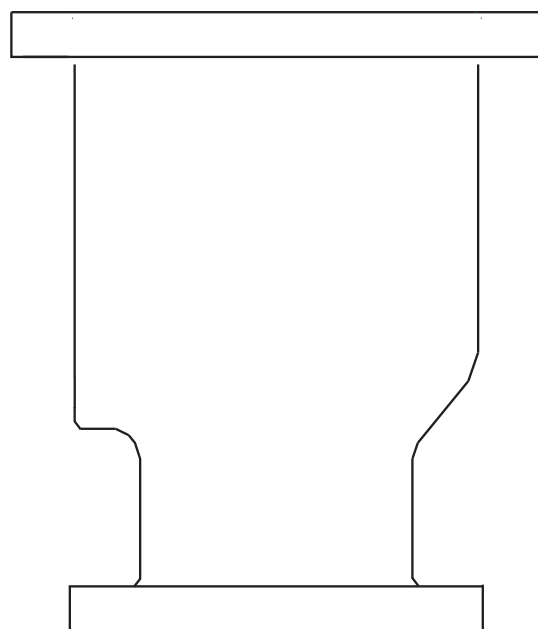
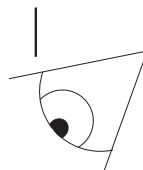
Step Three: Loosen nuts and bolts.



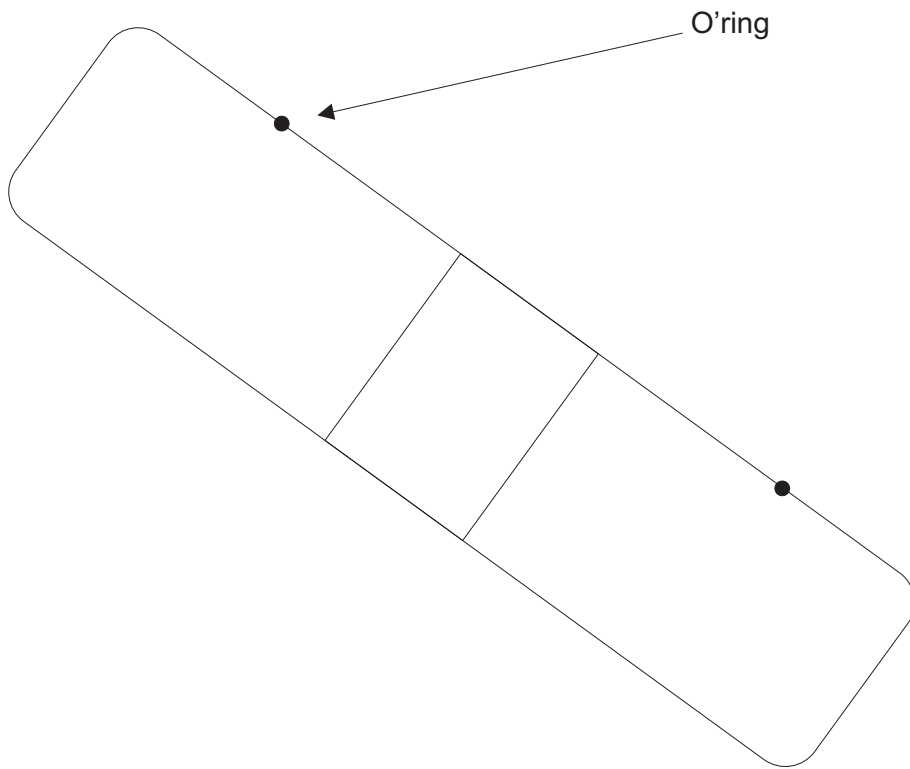
Step Four: Remove Top flange assembly



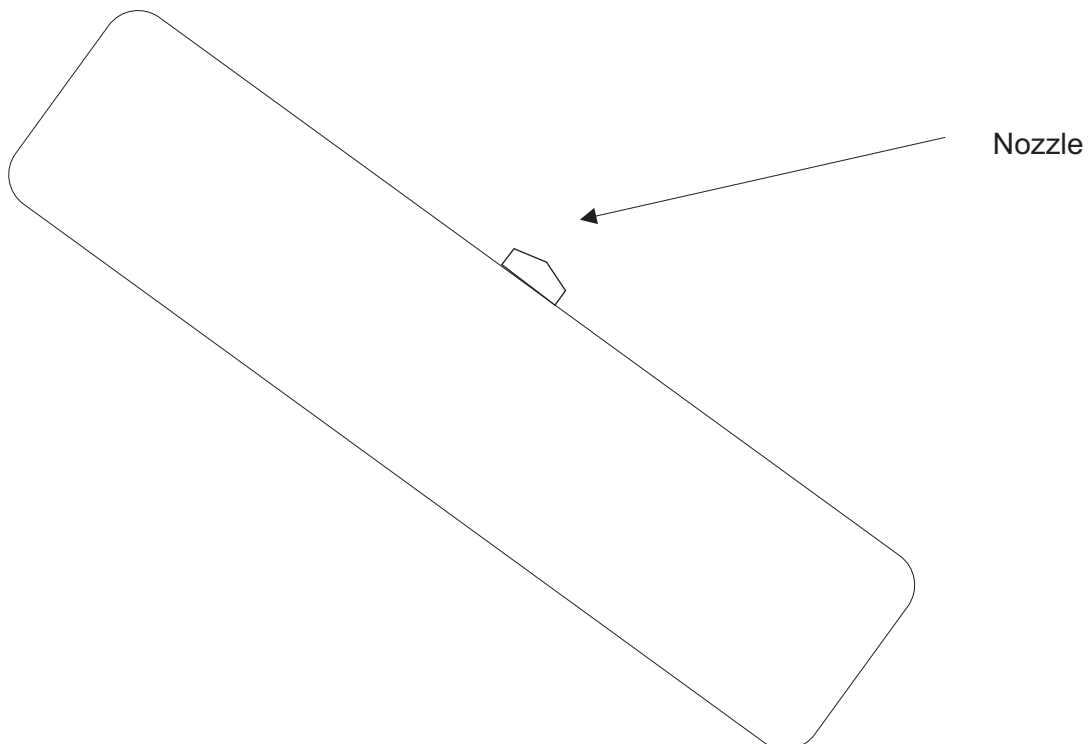
Step Five: Remove Floats from Valve Body



Step Six : Check that the internals of the valve body are free from debris



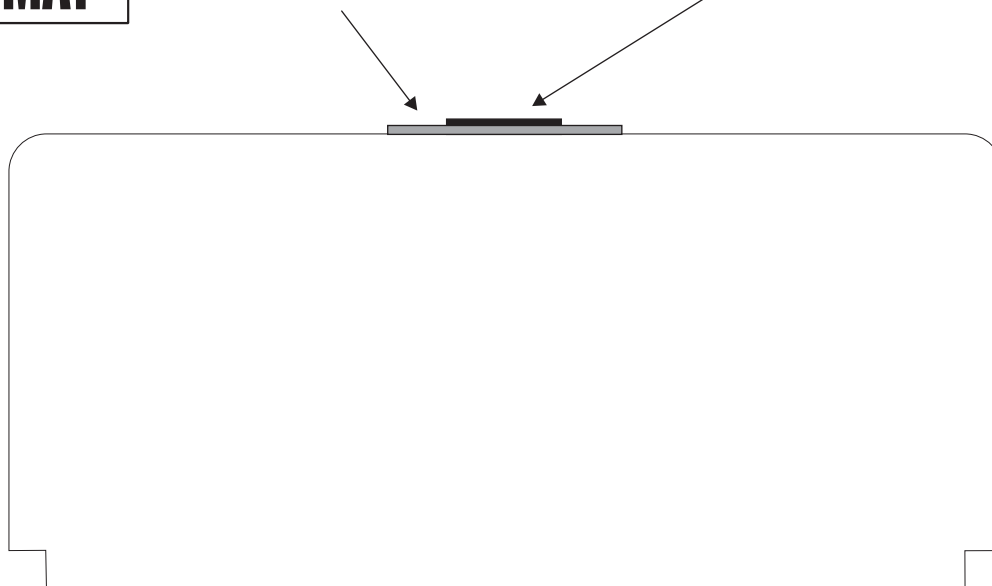
Step Seven: Check the O'ring on the "Anti-Shock float for damage replace with O'ring in spares kit if necessary.



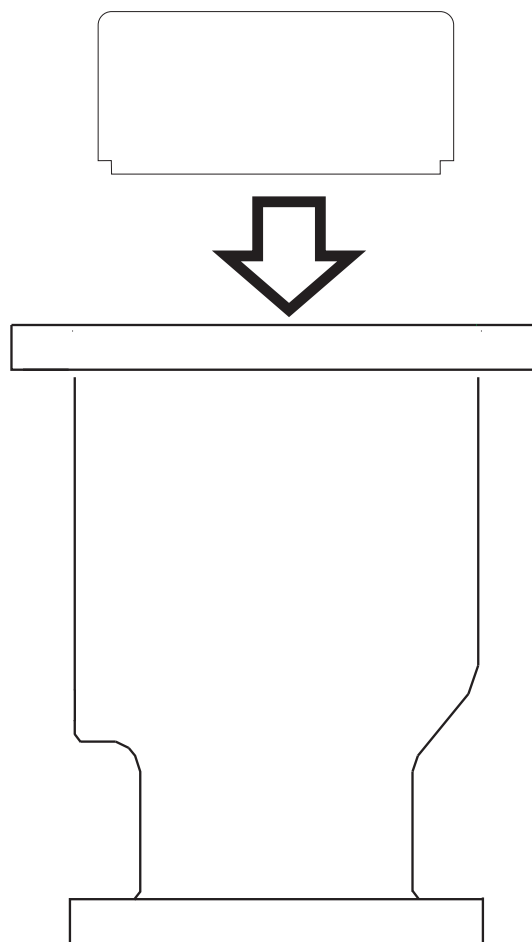
Step Eight: Checks the nozzle and ensure it isn't blocked or damaged if blocked clear with small wire If damaged remove from float using a spanner and replace with Nozzle supplied in spares kit.

Seat Retaining Plate

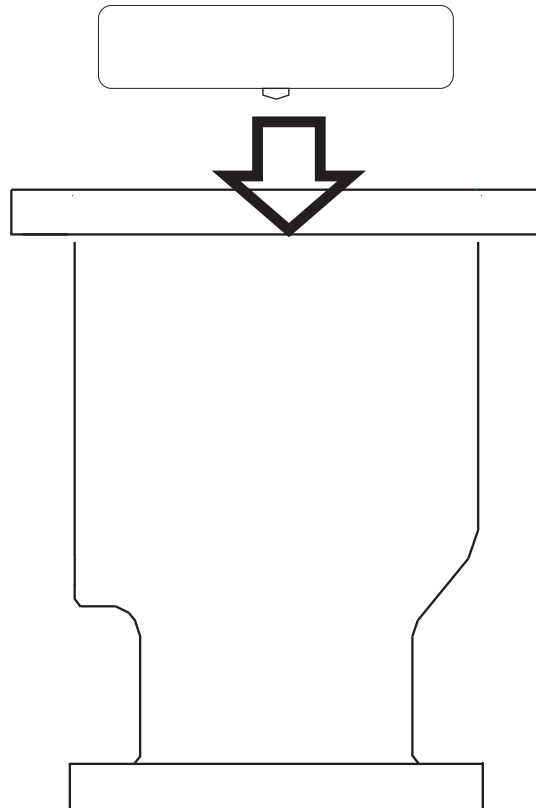
Nozzle Seat



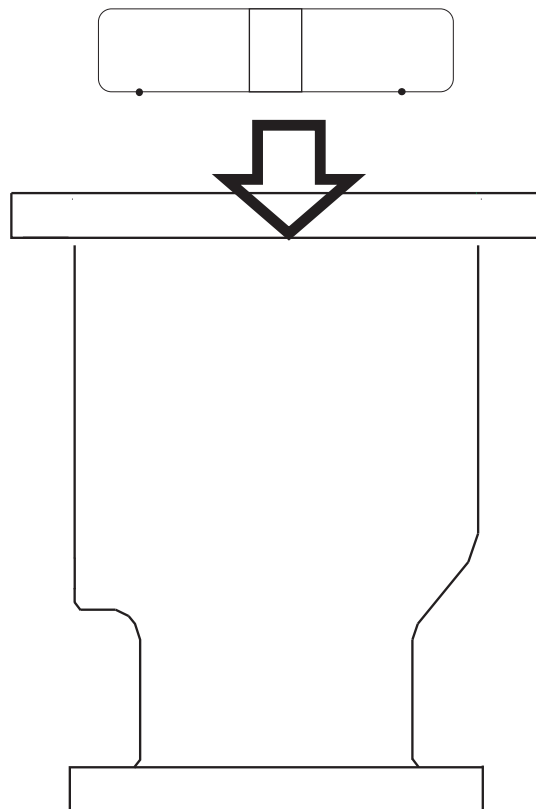
Step Nine: Checks the nozzle seat for damage if any damage is apparent replace with replacement seat from Spares kit supplied by manufacturer. In order to replace the nozzle seat Remove the Nozzle Seat retaining plate using a flat screwdriver to unscrew the screws and remove the Nozzle seat. Screw back the nozzle seat retaining plate once the new seat is in place.



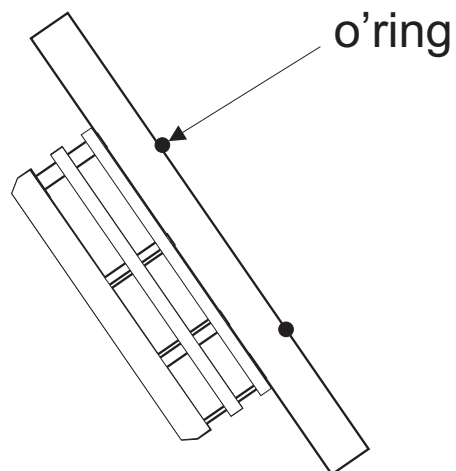
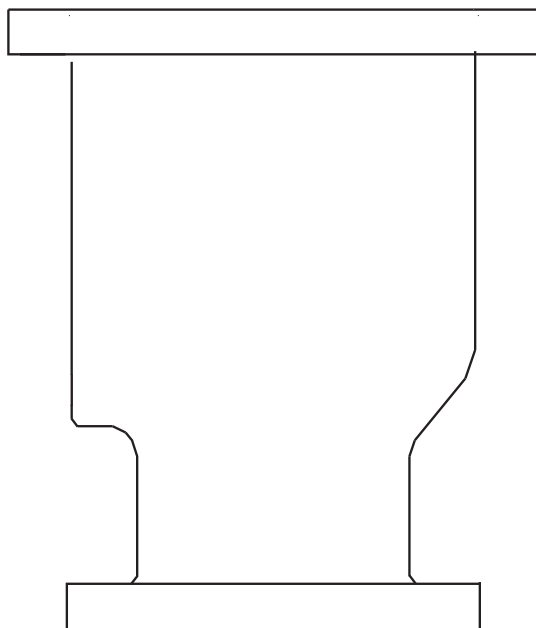
Step Ten: Replace lower float making sure that the lip on the float touches the baffle plate at the bottom of the valve and the Nozzle seat is facing upwards.



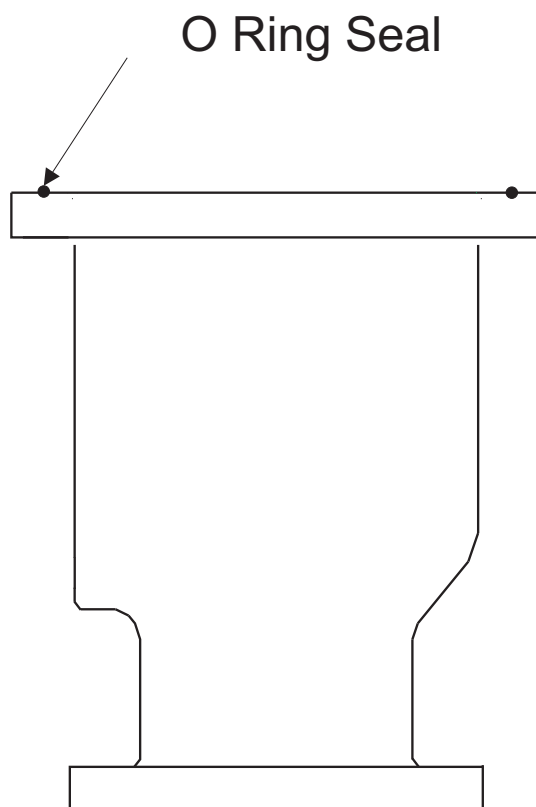
Step Eleven: Replace the Upper float/ small orifice float Making sure Nozzle Is facing down and the flat face is facing up.



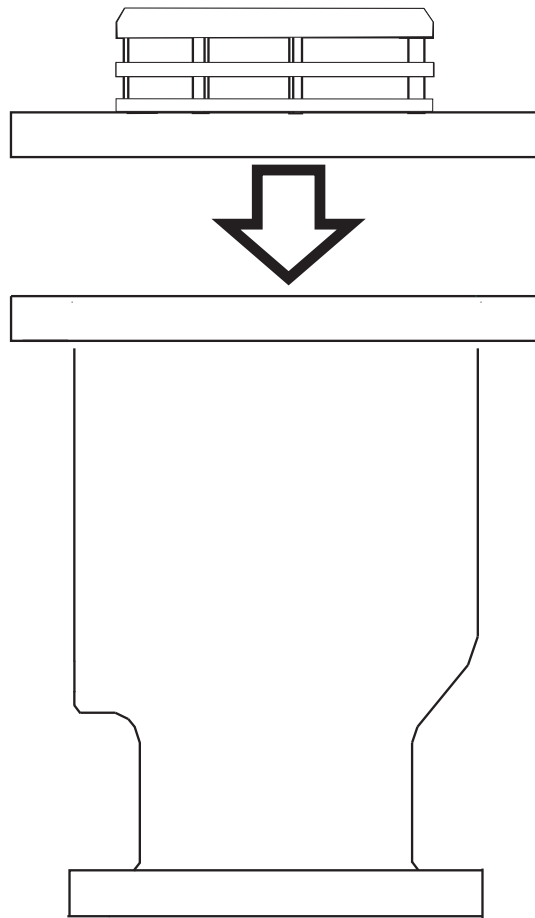
Step Twelve: Replace the “Anti-Shock” Float ensuring that the O-ring faces downwards and flat surface of the float faces upwards..



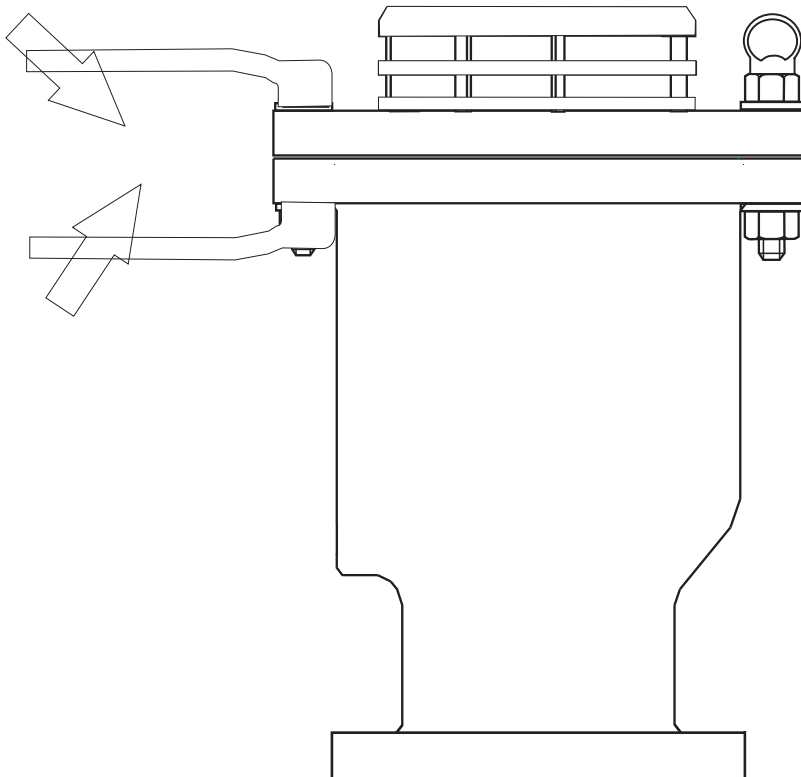
Step Thirteen: Check o'ring in top flange assembly for damage and replace with O'ring from spares kit if necessary.



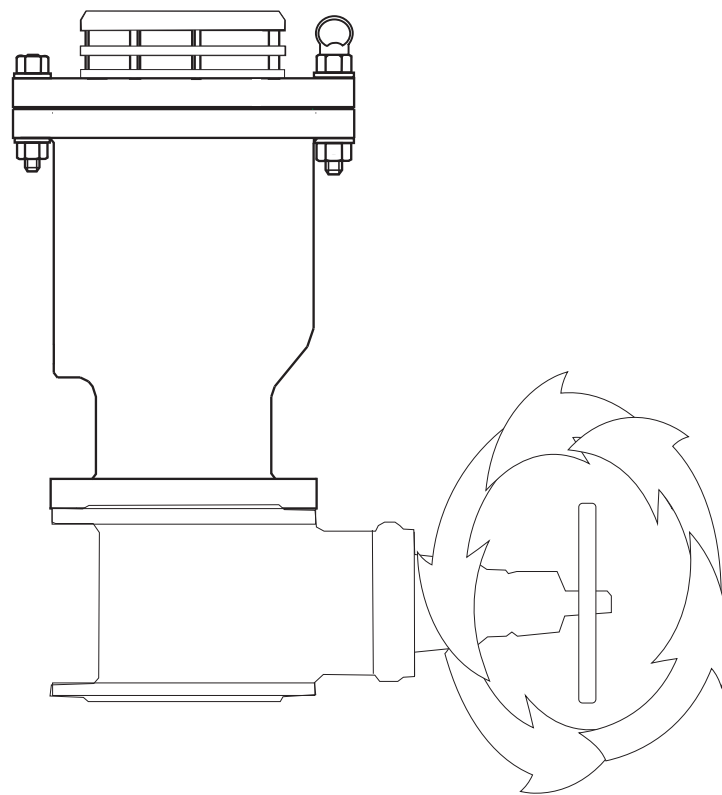
Step Fourteen: Check o'ring seal for damage and replace with spare O'ring Seal provided in spares kit if necessary. Make Sure that it is properly placed in the groove before fitting Top flange assembly.



Step Fifteen: Replace top flange assembly making sure not to disrupt the O’ring groove.



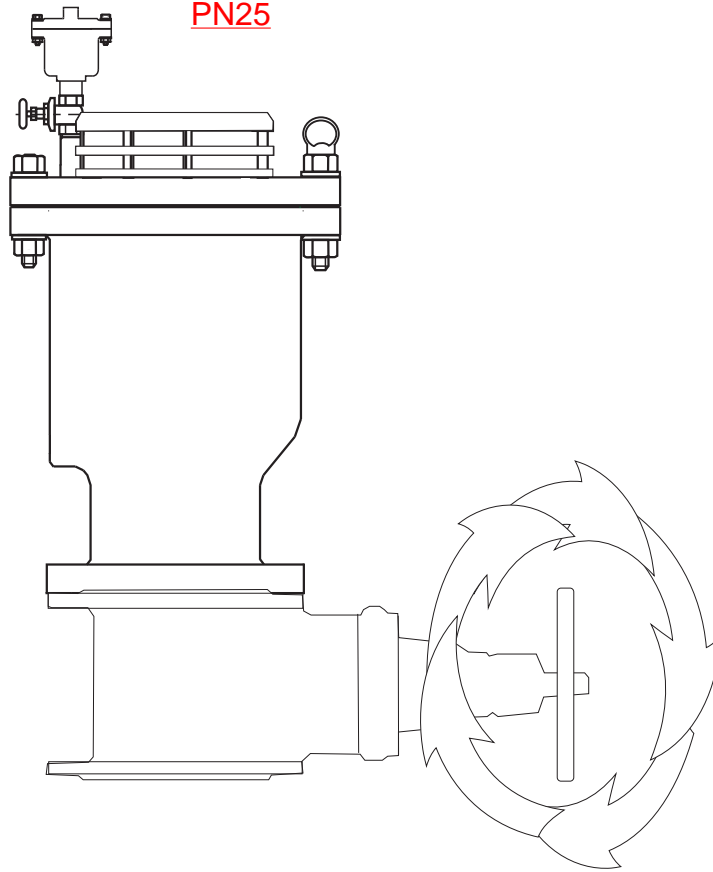
Step Sixteen: replace nuts and bolts nuts and bolts must be cross tightened



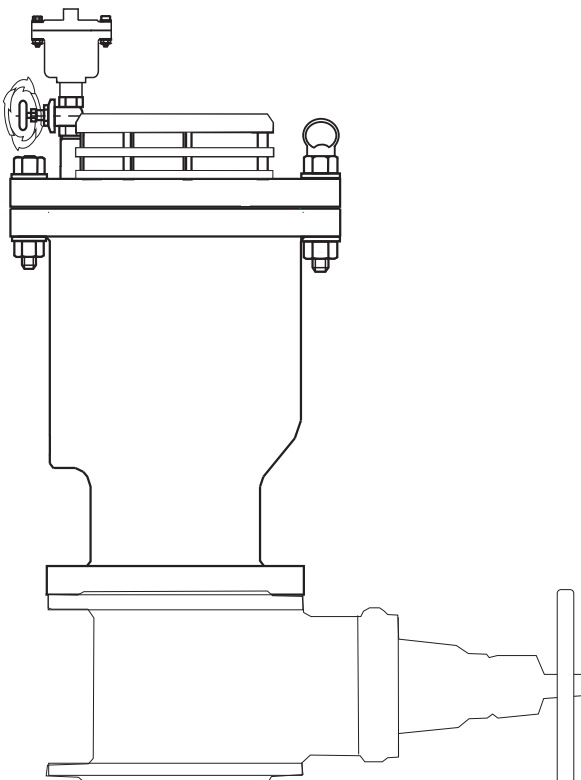
Step Seventeen: Open Isolating Valve.

Maintenance

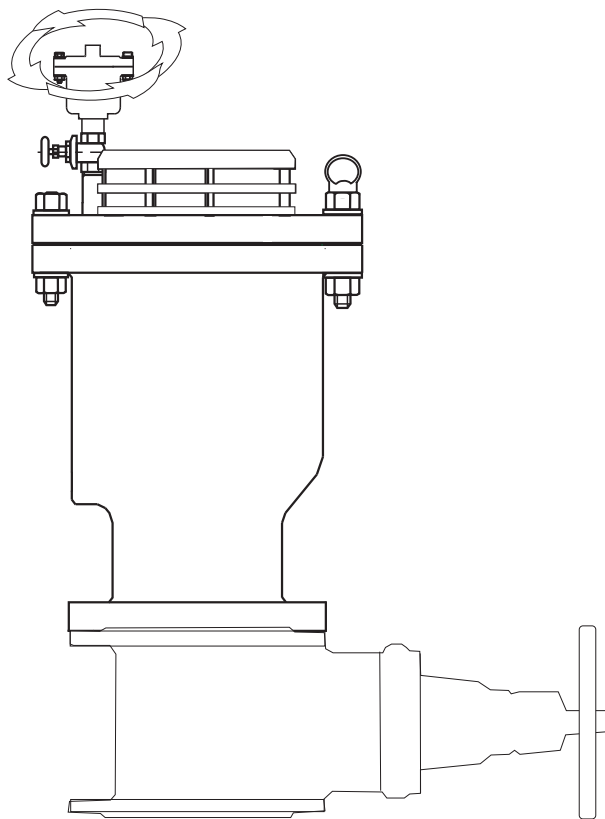
PN25



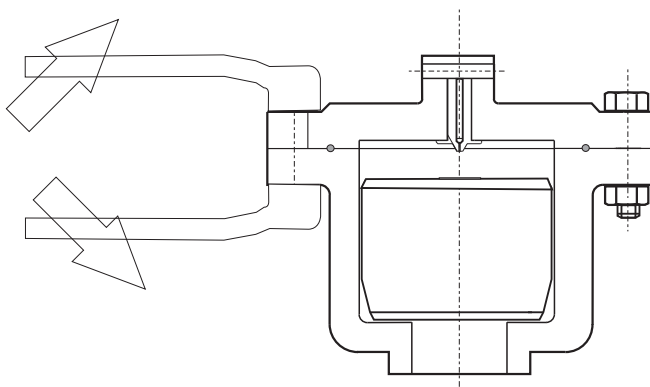
Step One : Isolate Air Valve



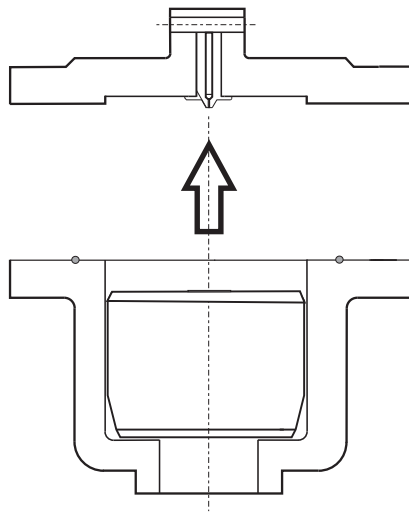
Step Two Isolate Small Orifice Valve



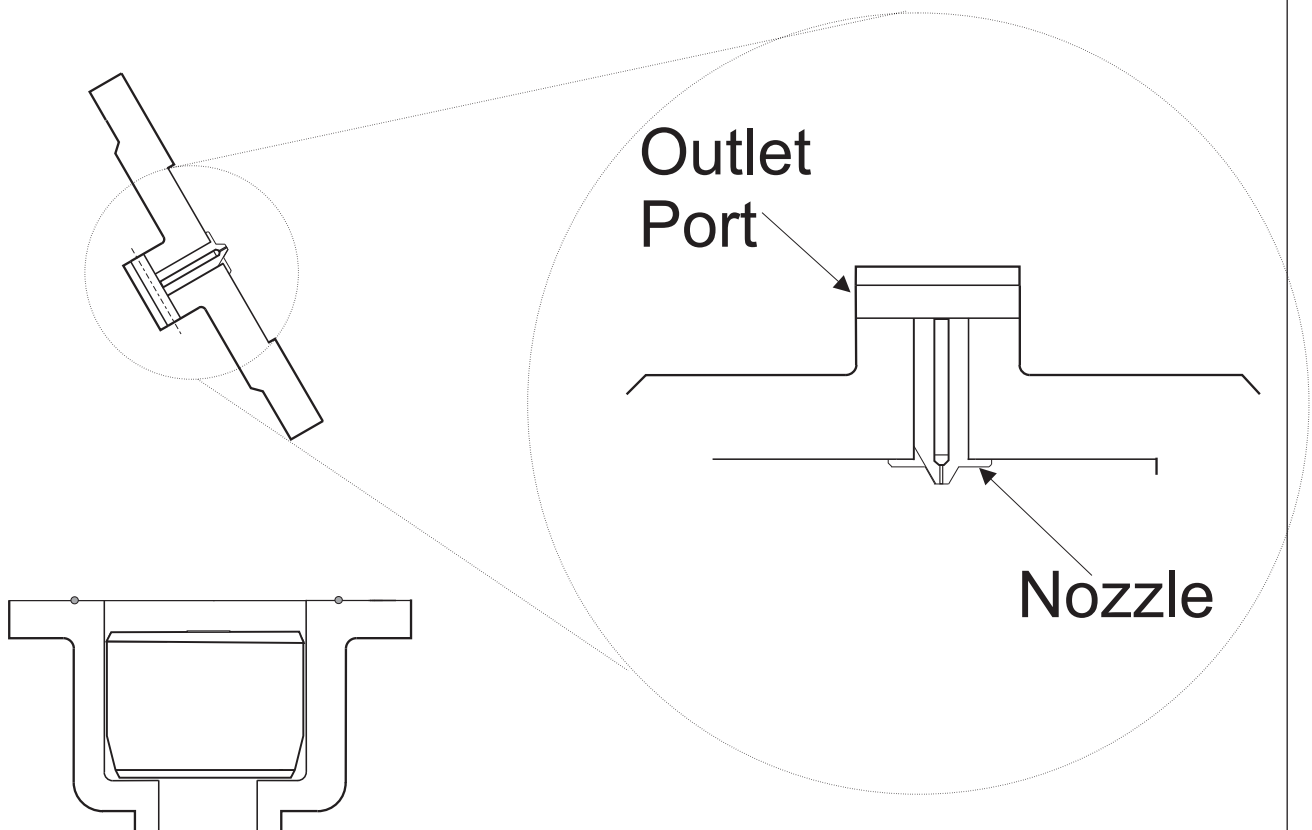
Step Three: Remove Small orifice valve



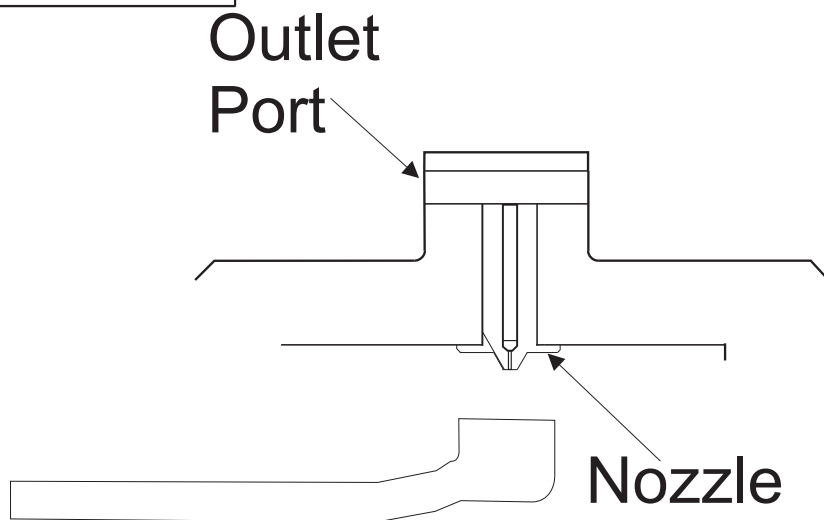
Step Four Remove Nuts and bolts from Small Orifice Valve.



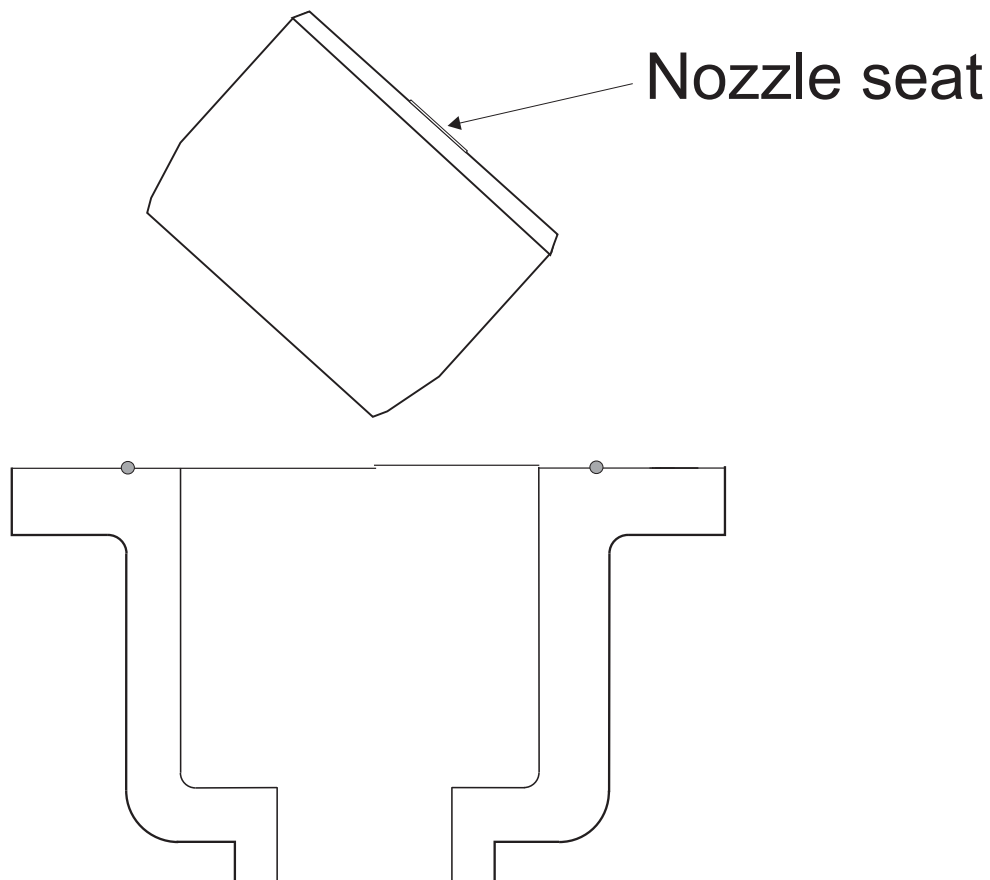
Step Five: Remove Top Cover from Small orifice Valve.



Step Six : Check nozzle and outlet port are clear and free of debris.

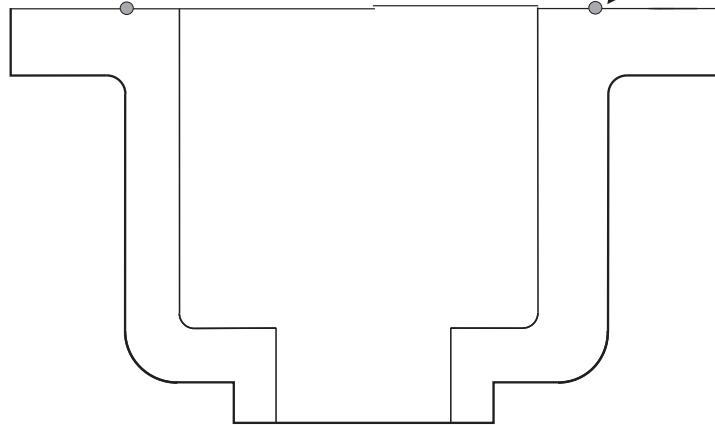


Step Seven: If the Nozzle is damaged remove and replace with nozzle from spares kit.



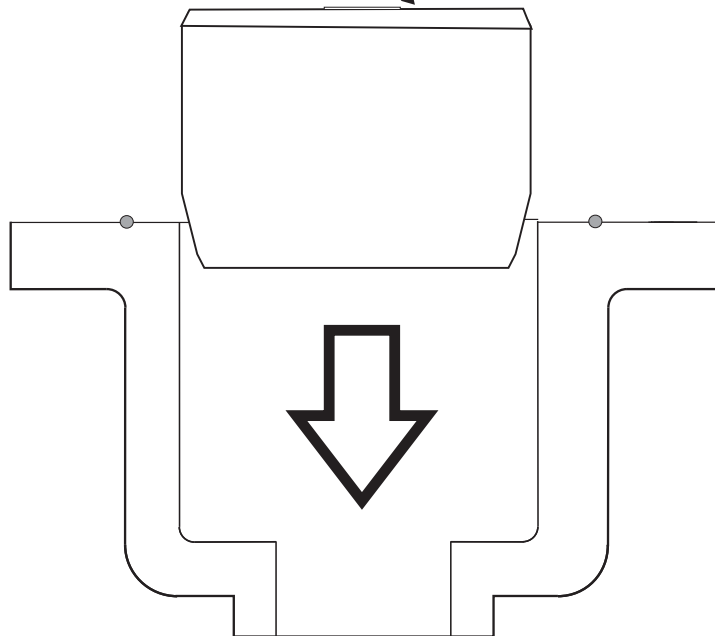
Step Eight Check the Nozzle seat for damage if any is apparent remove and replace with seat from spares Kit

O'ring Seal

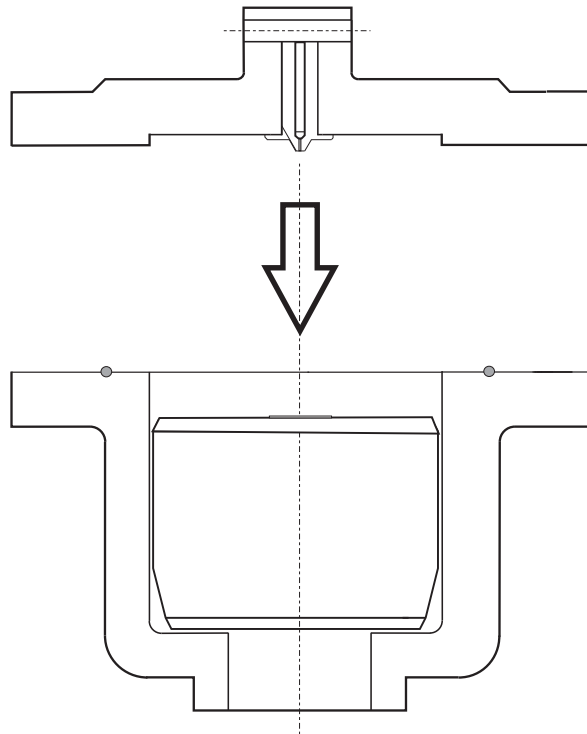


Step nine: Check the O'ring seal for damage and if necessary replace with o' ring from spares kit.

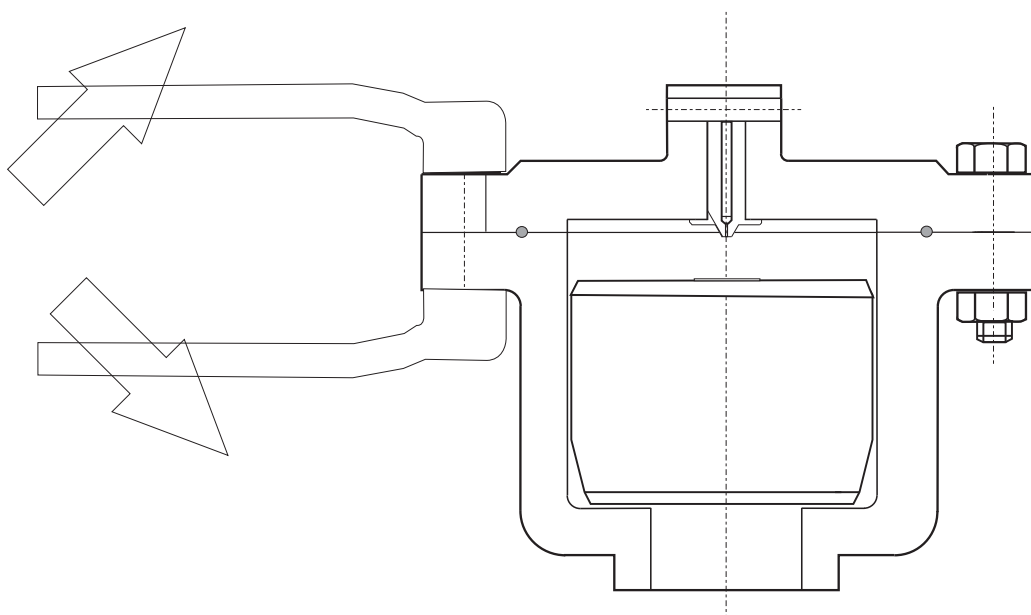
Nozzle seat



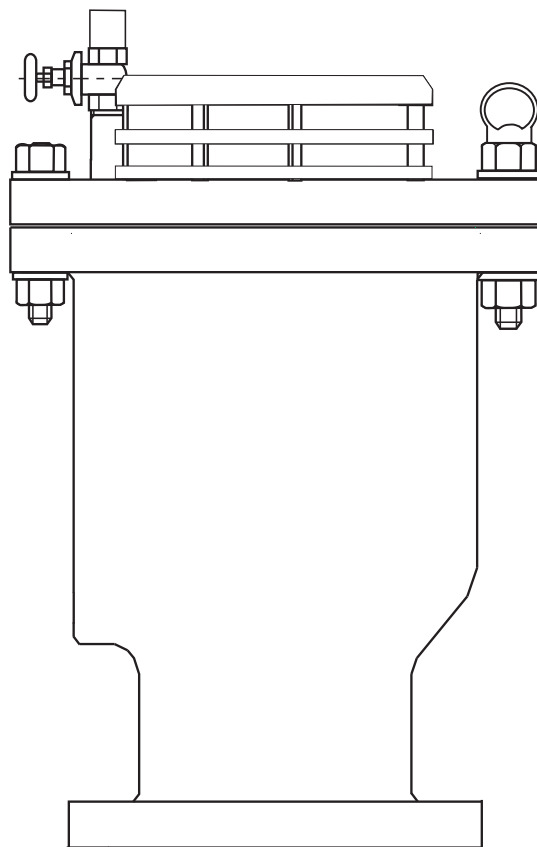
Step Ten: Replace float making sure nozzle seat is facing upward



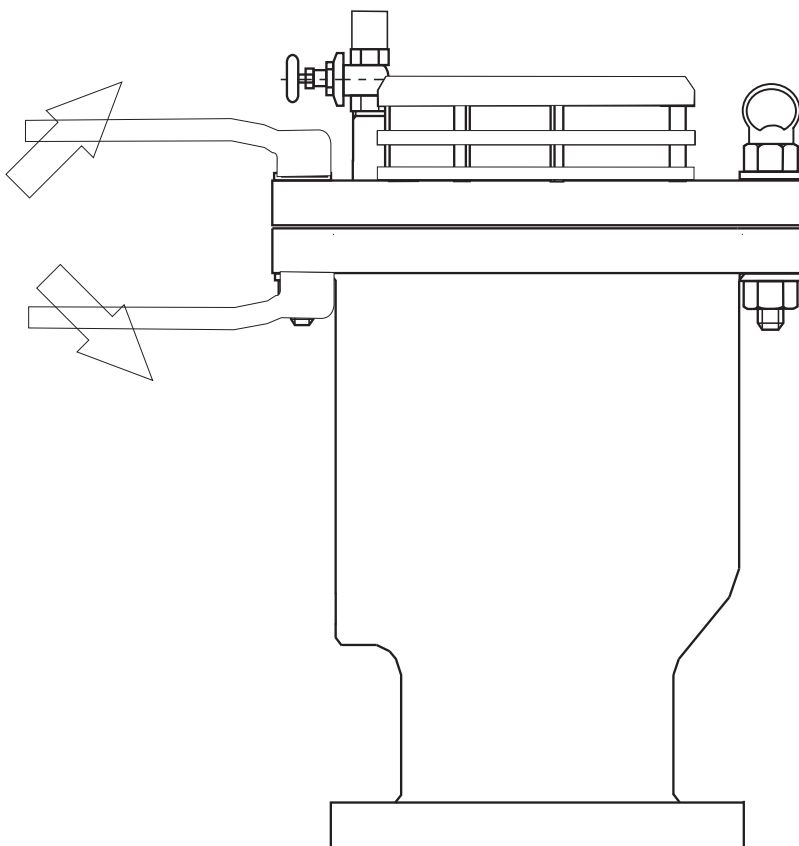
Step Eleven: replace top cover making sure the o’ring is in the groove and remains in place when the top cover is put in place



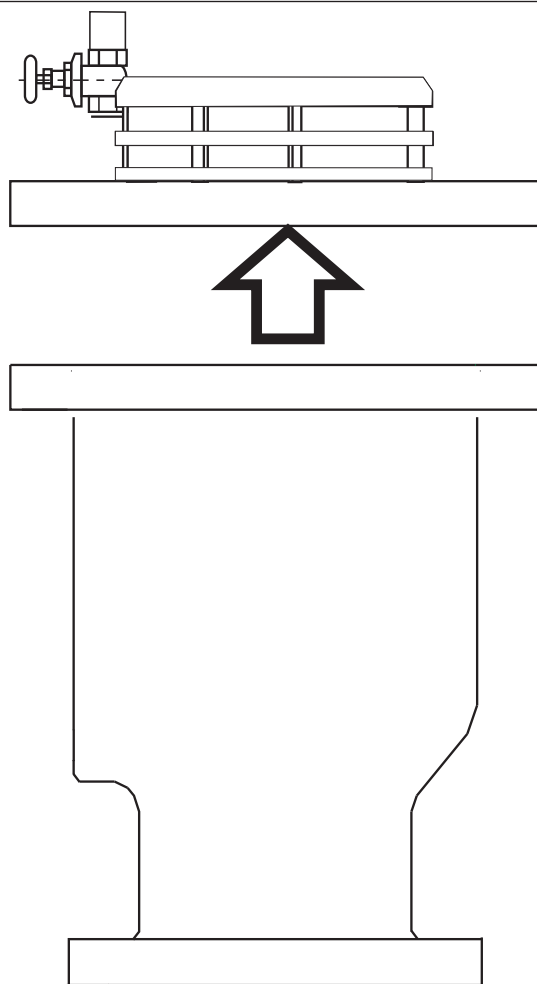
Step Twelve: Replace nuts and bolts cross tighten nuts



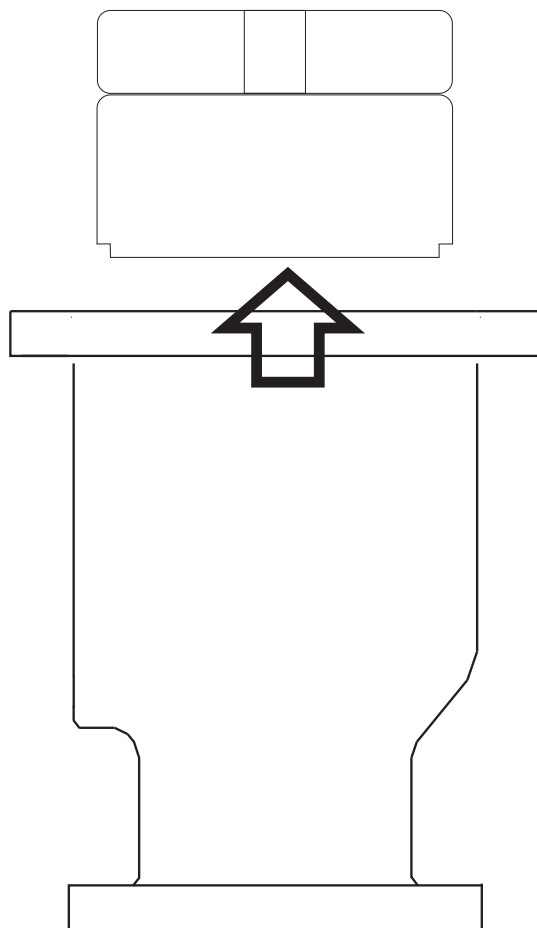
Step Thirteen: Before removing the top cap any excess pressure that may be trapped within the Valve body may be safely released using the small orifice Isolating valve by slowly opening the isolating valve ensure that the main Isolator is fully closed before doing this.



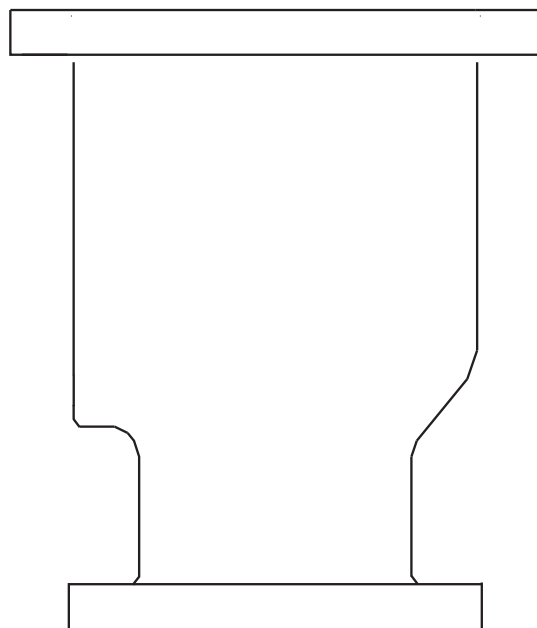
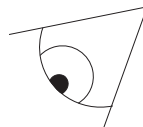
Step fourteen: Loosen nuts and bolts.



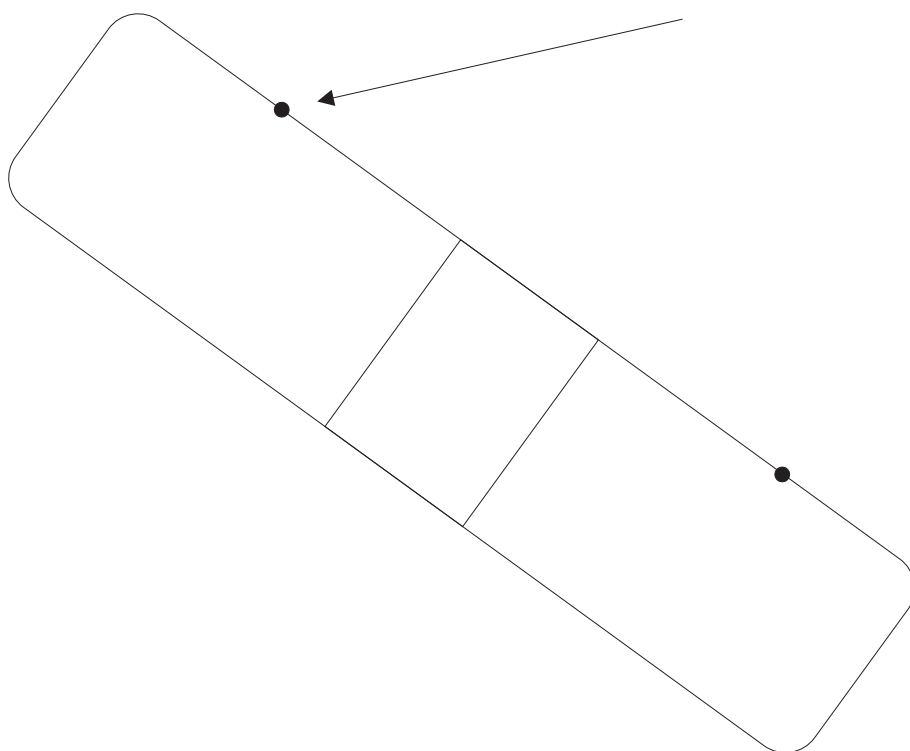
Step fifteen: Remove Top flange assembly



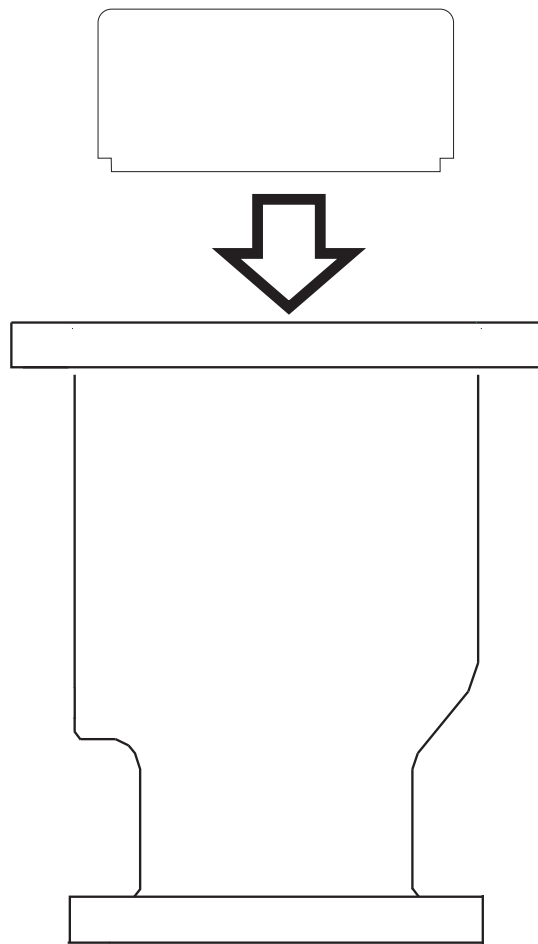
Step Sixteen: Remove Floats from Valve Body



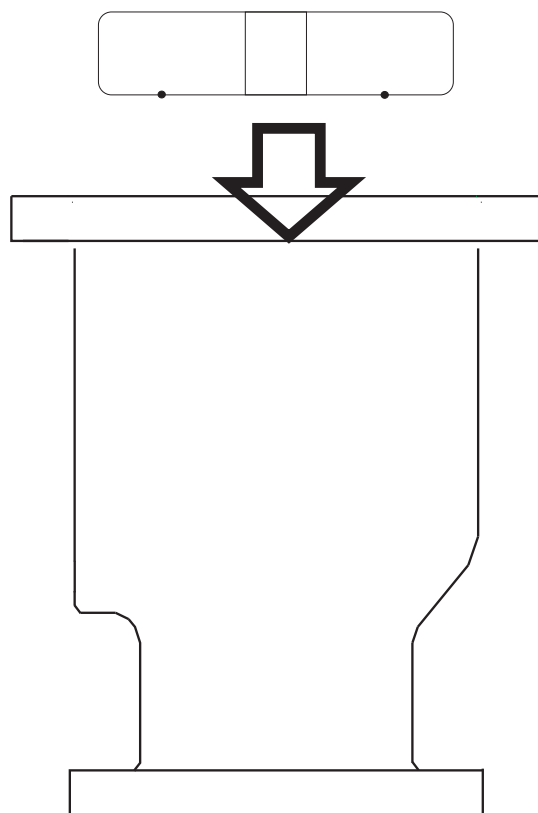
Step Seventeen : Check that the internals of the valve body are free from debris



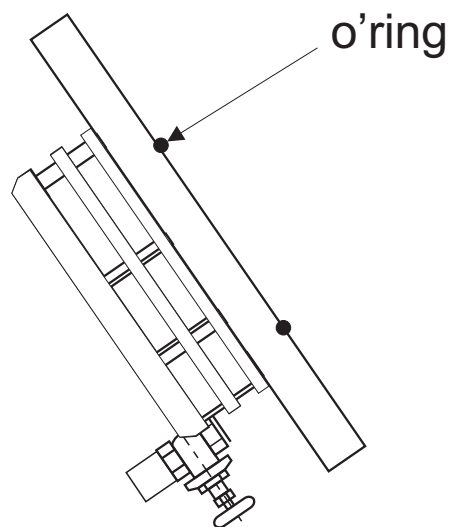
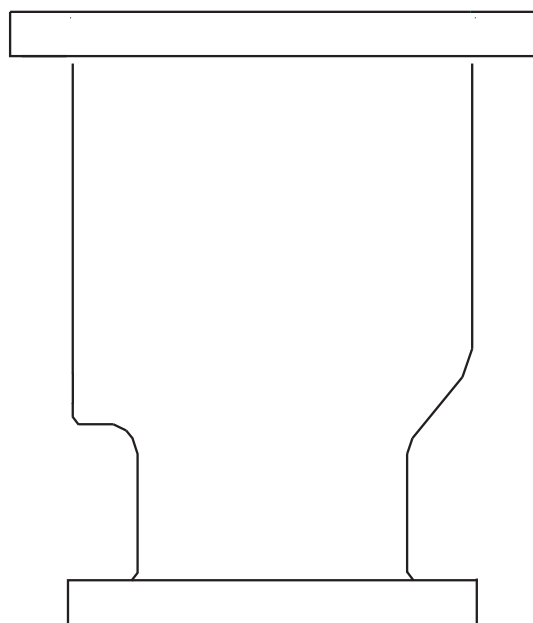
Step Eighteen: Check the O’ring on the “Anti-Shock float for damage replace with O’ring in spares kit if necessary.



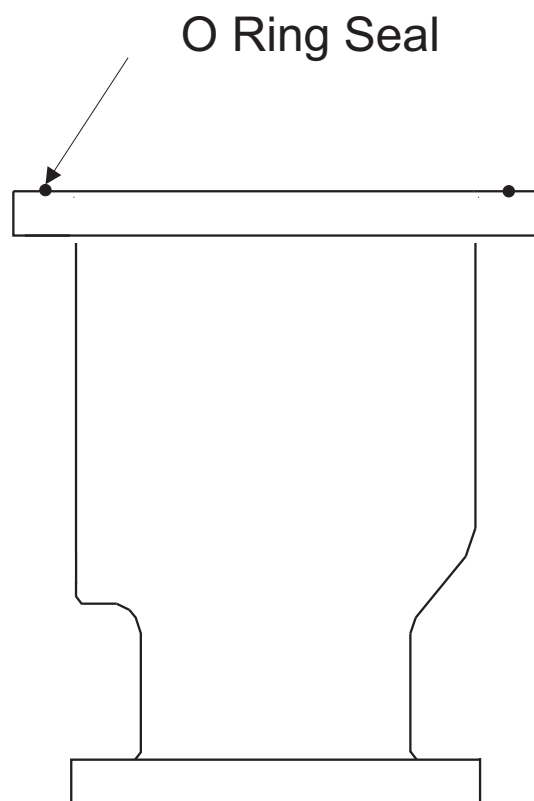
Step nineteen: Replace lower float making sure that the lip on the float touches the baffle plate at the bottom of the valve and the flat Face of the float is facing upwards.



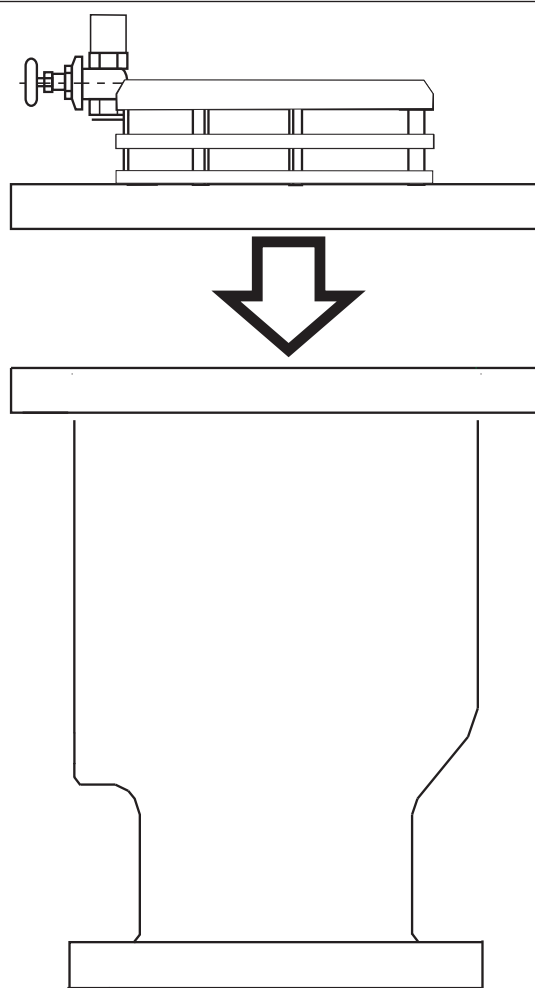
Step Twenty: Replace the “Anti-Shock Float” Making sure the O’ring Is facing down and the flat face is facing up.



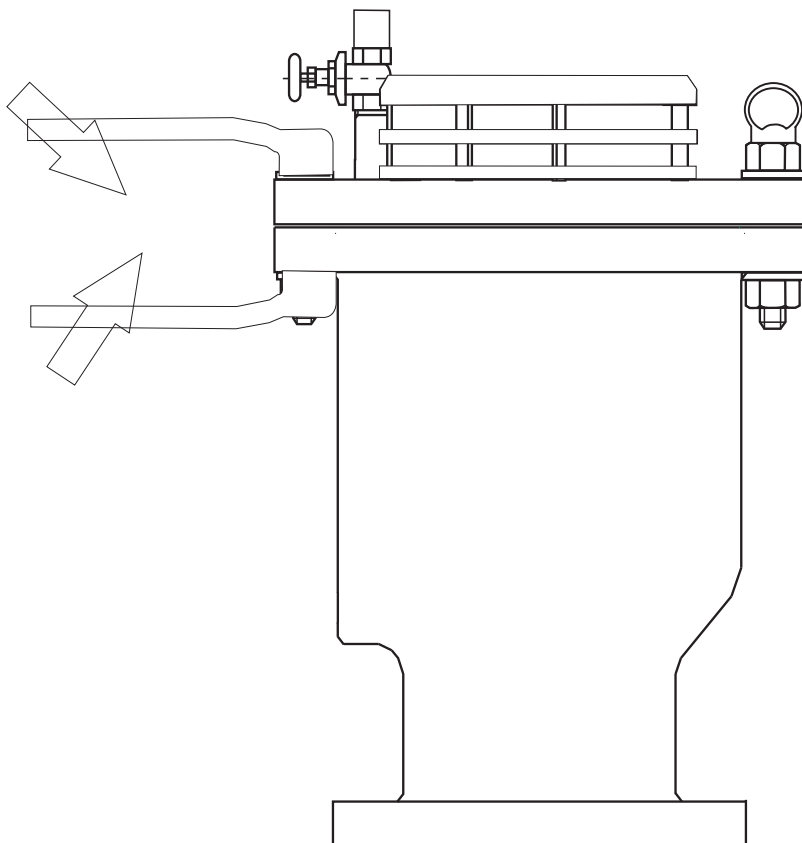
Step twenty one: Check o'ring in top flange assembly for damage and replace with O'ring from spares kit if necessary.



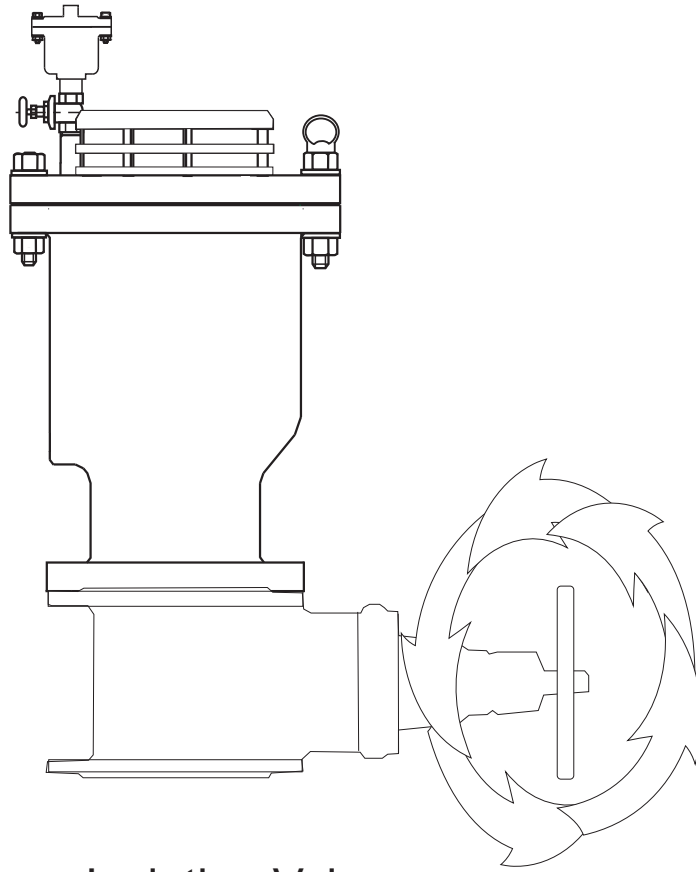
Step Twenty Two: Check o'ring seal for damage and replace with spare O'ring Seal provided in spares kit if necessary. Make Sure that it is properly placed in the groove before fitting Top flange assembly.



Step Twenty Three: Replace top flange assembly making sure not to disrupt the O’ring groove.



Step twenty four: replace nuts and bolts nuts and bolts must be cross tightened



Step Twenty Five: Open Isolating Valve.

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AIR RELEASE AND VACUUM BREAK VALVES

OWNER'S MANUAL

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Jan 2008

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