

Support Bulletin-SB-25-10042

Date-3.28.2025

Title: 511-1051 KZ TX2 Agitation Valve Plumbed Incorrectly

Product Line: FAS

Model: Liquid Systems

Level: Dealer

Author(s):

Revision Letter: [Click or tap here to enter text.](#)



Overview: SurePoint Ag has been plumbing the 511-1051 KZ TX2 constant agitation valve kit for Tower 200 incorrectly per SPA assembly. We've been plumbing the hose barb outlet that is supposed to go to rows back to the tank instead for agitation. We then plumb the tank port of the valve to the rows. We took a service call this week and the customer stated he showed 1.5 GPM of flow, but it was not coming out at the rows. After receiving pictures from the customer, it was found the KZ valve was plumbed incorrectly from SurePoint.

Links to Supporting Info:

Incorrect Plumbing of Valve



Solution:

Correct Plumbing of Valve



Procedure to fix an incorrectly plumbed valve in the field.

1. Remove the stainless U clips from the TX2 valve holding the hose bars on each side and pull off hose bars.
2. Remove the FC100 band clamps from each side of the TX2 valve and separate the 1" manifold cap and 1" manifold inlet hose barb.
3. Unbolt the TX2 valve from the mounting base and rotate the valve assembly 180 degrees.
4. Bolt the TX2 valve back onto the mounting base.
5. Reattach the 1" manifold inlet hose barb and 1" manifold cap with the FC100 band clamps.
6. Reattach the hose bars to the TX2 valve with the stainless U clips.
7. When properly plumbed the side of the valve with the wire coming out of the actuator should be plumbed to the agitation.
8. The opposite side of the valve will then be plumbed to the row plumbing.