



SAFETY ALERT BULLETIN FOR FLO-MAX SAFETY COUPLERS

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Form SB-FLO-MAX, Rev 01

WARNING

Improper installation of a bleed valve in the hose end half of the coupler will prevent the swing check from closing in a pull away situation.

When the required bleed valve is installed in the male or hose end half of the Flo-Max coupler, care **MUST BE TAKEN** to ensure that the threads of the installed bleeder do not prevent the Flo-Max swing check from closing in a pull away. This can occur if the installed bleeder has a worn or undersize $\frac{1}{4}$ npt thread or if the fitting is over tightened into the Flo-Max coupler. In this situation, the male thread section of the bleed valve protrudes too deeply into the internal Flo-Max cavity and will prevent the swing check from closing in an emergency.

IT TAKES JUST 5 MINUTES TO CHECK THE FLO-MAX COUPLER AND VERIFY PROPER OPERATION.

To check for proper operation of the Flo-Max:

1. Put on the standard gloves and goggles for safe handling of NH_3 .
2. Close the hose end valve and open the bleed valve to depressurize the Flo-Max
3. Leave the bleed valve open and manually disconnect the Flo-Max with a screwdriver as shown on the tool bar decal.
4. Look inside the male end and observe if the swing check is closed. You should be able to easily operate the swing check from "full open" to "full closed" position by pushing on it with a screw driver through the male end opening.

If any interference of the swing check is felt between the full open and full closed position, the bleed valve **MUST BE REMOVED and replaced with a bleed valve that does not interfere with the swing check.**

5. After verifying the proper operation of the swing check with an installed bleeder, the Flo-Max can be manually reconnected with a screw driver as shown on the tool bar decal. Then the bleed valve can be closed and the hose end valve opened to place the unit back in service.

NOTE: The installation instructions call for installing the bleed valve prior to connecting the coupler halves. By installing the bleeder first you guarantee that the bleeder does not interfere with the swing check since the swing check must go from full closed to full open during connection of the male and female halves . If there is any interference from the bleed valve, the coupler halves can not be connected.

Warning:

If a bleed valve is replaced at any time, it must be done with the Flo-Max coupler halves disconnected. This will ensure that the installed bleeder does not interfere with the swing check.