

Service Bulletin

#FRSB0021

Date of Bulletin: August 22, 2008
Effective Date: August 22, 2008
Pump Series Affected: Series 300V & 700V
Affected Components: N/A
Subject: Suction Pipe Port
Issuing Authority: Sales

Back in April 2008, a short announcement went out (Fill-Rite Service Bulletin FRSB0019) explaining that the 700F2170 and 300F7776 bung adapters used on the FR700V and FR300V series pumps were now one common bung with a 1.25" FNPT suction port. This new bung adapter is part number 700F0651.

Since we have changed to the 700F0651 bung adapter, some have expressed they would still like to use a 1" suction line on the FR700V series pumps, and would like to know how to do this since the suction pipe port is now 1.25".

A 1.25" pipe nipple and 1.25" x 1" bell reducer can be utilized, so that a 1" suction pipe can be used as shown in the below picture. If a 1" suction pipe is going to be used, a 5" x 1.25" nipple should be used.

Why a 5" nipple? If a return line is used to connect the anti-siphon valve back to the tank through the bung, a 5" nipple leaves enough space between the bottom of the bung and the top of the reducer to allow the air to flow from the tank to the anti-siphon valve.

A word of caution - using a 1" suction line with the FR300V series pumps will cause cavitation as the smaller suction line cannot supply fuel to the pump fast enough.

If you have any questions, contact any of our Customer Service Representatives at 800 634-2695, or e-mail us at fillritesales@fillrite.com.

