



Reliable Connections™

Installation Instructions

In order to ensure a properly functioning flop valve the following instructions are provided.

1. Assemble the flop valve gate using these parts:

- 500672 Valve Gate Arm
- 052165 Lock Washer
- 500675 Lock Screw
- 500676 Lock Nut
- 500674 Valve Washer & Stem
- 500673 Gate Washer
- 500671 Valve Gate

Refer to the catalog page “Mueller B-101 Drilling and Tapping Machine Repair Parts” for a general drawing of the assembly and components. After the assembly is complete the valve gate (500671), gate washer (500673) and valve washer & stem (500674) must pivot freely.

2. Assemble the gate (from step 1) with spring (072627) and valve stem (500666) to the B-101 machine body. Look through the top of the body and check the alignment top to bottom. If necessary remove and bend the gate arm in small increments to achieve alignment.
3. Assemble the gate (from step 2) with the valve stem o-ring (041301), lever handle (500668). Valve Stem Retaining Nut (500667) and Handle Nut (500669). Look through the bottom of the B-101 machine body and check the gate for alignment side to side. If adjustment is required use a bar to slowly pry on the gate arm to achieve alignment.
4. Using a piece of paper under the gate washer (500673), confirm good contact is made between the body's valve seat and the gate washer. If good contact is not made realign as required.

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