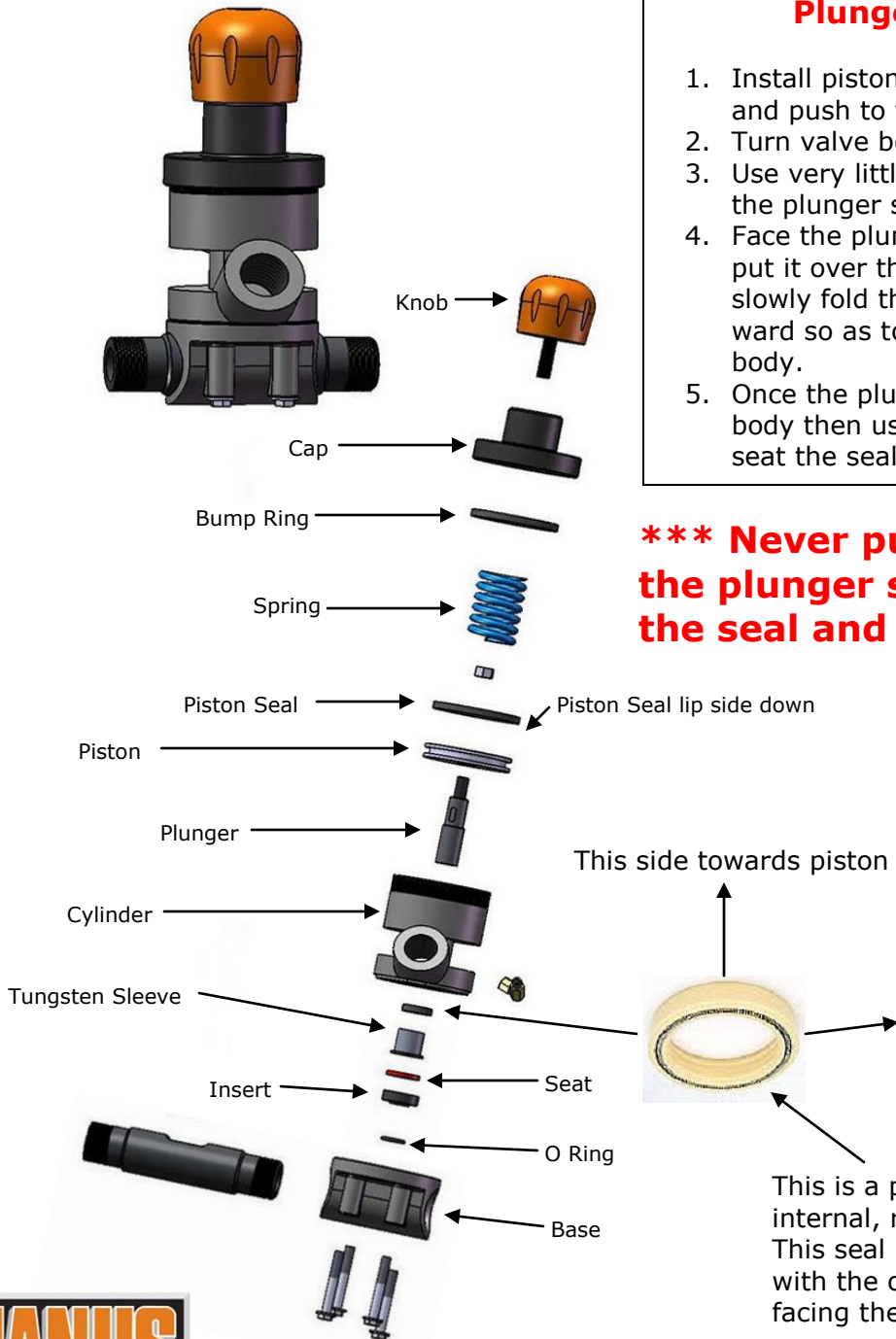


# Manus Service Bulletin

Manus Abrasive has noticed T-Valves that have been repaired in the field (by non Manus service personnel) and/or sent to our shop for repair almost always have the seal (below) installed improperly.

## T-VALVE PLUNGER SEAL INSTALLATION



### Plunger Seal Installation

1. Install piston and piston seal into valve body and push to the cylinder housing.
2. Turn valve body over and notice plunger.
3. Use very little copper coat on the inside of the plunger seal for easy install.
4. Face the plunger seal (as shown below) and put it over the end of the plunger and then slowly fold the edges of the plunger seal inward so as to fit the seal inside the valve body.
5. Once the plunger seal is just inside the valve body then use the Tungsten sleeve to fully seat the seal.

**\*\*\* Never push the plunger through the plunger seal because it will scar the seal and possibly cause leaking.**

This side towards piston

Proper Seal Install



This is a plunger seal with an internal, removable 'O' Ring. This seal must be installed with the open side 'O' Ring facing the bottom.



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