Replacement of Press In Bull-Nose Assembly with Bolt On Bull-Nose Assembly

This document is used to describe how to replace the "Press In" design of the Bull-Nose Assembly with the "Bolt On" design. This should only be used if your Probes have a Bull-Nose Assembly similar to that of Figure 1.

The Press In design incorporates a Bull-Nose Rod and Tip Assembly that is "pressed" into the end of the Probe and then connected to the Probe and held in place with a Capture Pin. The Capture Pin is pressed into both the Probe and the Bull-Nose Rod. This can be seen in Figure 2.

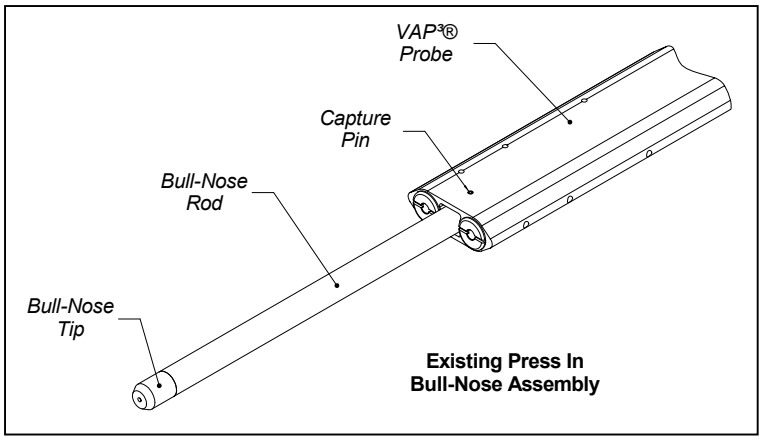

Figure 1 Press In Bull-Nose Assembly

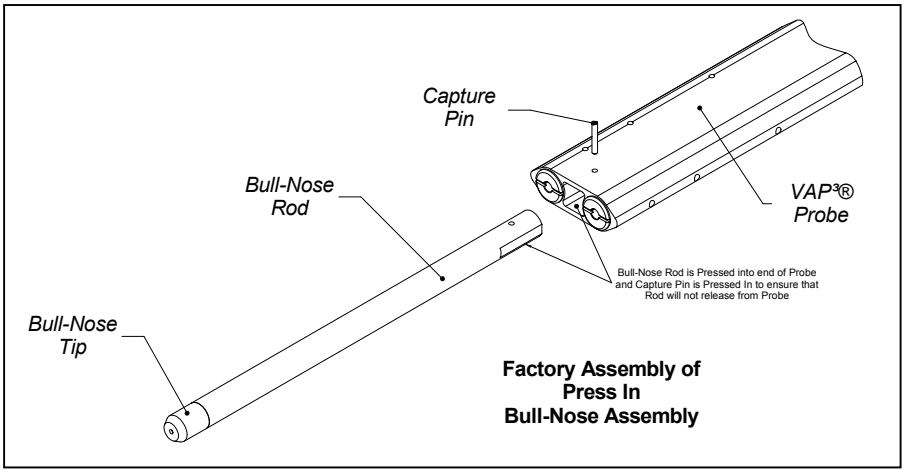

Figure 2 Factory Assembly of Press In Bull-Nose Assembly

To replace this assembly first the existing Press In Bull-Nose Assembly must be removed. This can be accomplished by cutting off the Bull-Nose Rod at the base of the end of the Probe. It is important to note that it is not recommended that the Capture Pin or the "pressed" end of the Bull-Nose Rod be removed because this may damage the Anodized surface of the Probe. When cutting off the Bull-Nose Rod, keep in mind not to contact the Probe or the Port Plugs with the cutting device. When this cutting is completed the end of the cut off Bull-Nose Rod that is still "pressed" into the Probe should be lower than the surface of the Port Plugs. This can be seen in Figure 3.

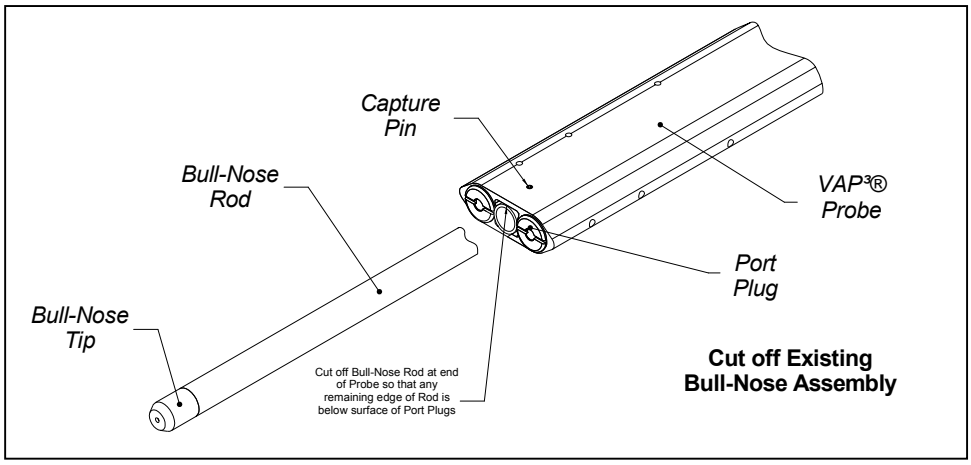

Figure 3 Cutting off Existing Bull-Nose Assembly

To install the Bolt On Bull-Nose Assembly, simply screw the included hardware through the Bull-Nose Assembly and into the threaded holes in the Port Plugs. This can be seen in Figure 4. When completed, the Bull-Nose Assembly should be in-line with the Probe and firmly attached to the Probe.

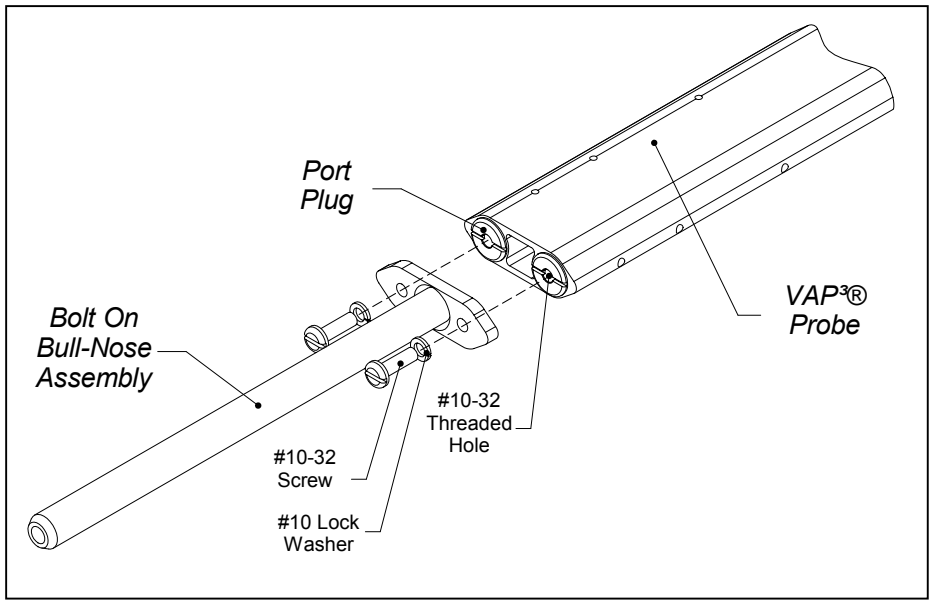

Figure 4 Installing the Bolt On Bull-Nose Assembly