



MRT-1053

**Inspecting & cleaning the nozzle riser
and nozzle mating surfaces**

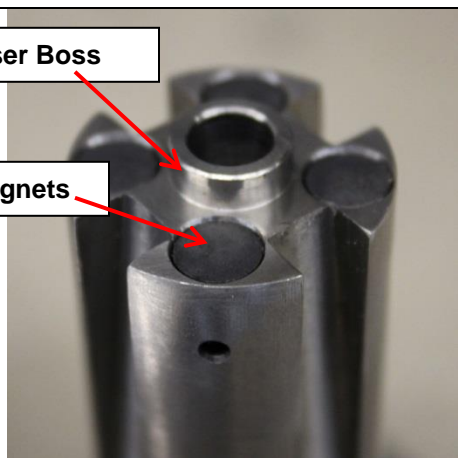


**“Remove pump from tank, drain the solder thoroughly
and let cool before cleaning surfaces!”**



Tool List:



Safety Glasses
High Temp Gloves
Spatula
Scotch-Brite Pad
Pick



To inspect riser, nozzle and nozzle mating surfaces look at the pictures below. The pictures below show where to look for buildup or deterioration that can cause the nozzle to rock, or not seat properly.

 <p>Riser Boss</p> <p>Magnets</p>		
<p>In most cases the build-up will be on top of the nozzle riser. You will want to look for dross residue in the locations indicated by the arrows. Lead Riser P/N 10000105Assy LF Riser P/N 10000105-TAssy</p>	<p>To properly clean the riser, use a spatula and gently scrape off all build up around the riser boss and magnets.</p>	<p>To properly clean the riser, groove around the perimeter using a pick as seen.</p>

		<p>In some cases, where dross buildup cannot be removed with a spatula and scotch brite pad, you can use a good set of picks to help remove the dross from the outside and inside of the nozzle. Also, a fine precision file can be used. Care must be taken when doing this as you can damage your nozzle riser by filing it to an uneven surface. Remember you are only removing dross not metal!!!!</p>
<p>Use a scotch-brite pad to thoroughly clean riser boss and magnets.</p>	<p>This is a cleaned riser and ready for use.</p>	

<p>Nozzle Chamfer</p>	<p>Nozzle Mating Surface</p>	<p>It is a good practice to heat the nozzle properly before placing it on the nozzle riser. (Also, refer to: MRT-1054 Nozzle Prep) Once heated, place the nozzle on the riser using high temp gloves and safety glasses. Give the nozzle a couple of good forceful turns to seat it. This will help to keep the dross buildup around the nozzle riser boss to a minimum.</p>
		
<p>This is an un-tinned nozzle. You will want to check it for dross build up on the nozzle at the locations indicated by the arrow.</p>	<p>Clean dross build up or any scaling using a spatula and scotch-brite pads.</p>	

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