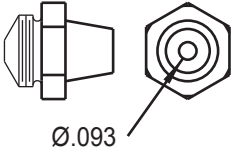
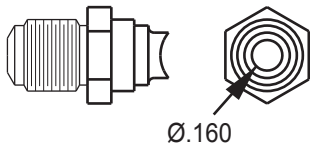
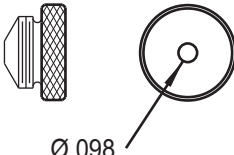
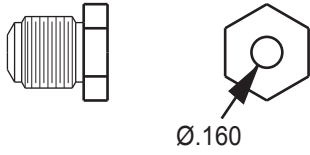
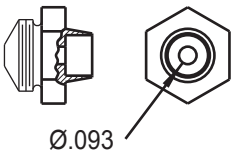
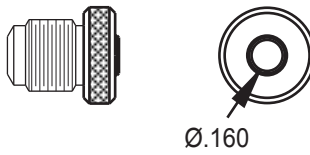
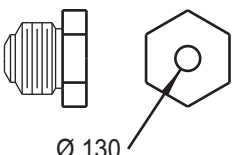
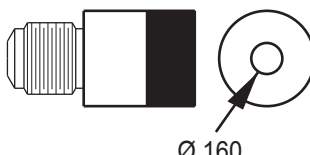
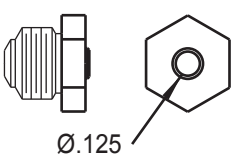
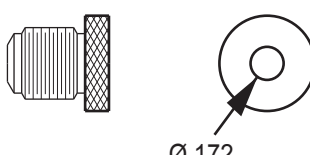




# TOOL MAINTENANCE

### Steps for Proper Tool Maintenance and Operation

- Disassemble and clean Nose components periodically or if the pintails do not drop out freely. Use a pick to clean the jaw grooves. Wash components in mineral spirits or isopropyl alcohol. Apply a small amount of lubricant to the Jaws and inside of Jaw Holder prior to assembly.
- To ease Nose Tube and Nose Piece installation, extend tool by pumping Handles.
- Do not use tool as a lever** if rivet pintail is jammed while regripping. Instead, squeeze Handles and press the Releasing Button while pushing tool nose against work piece for the jaws to get a deeper grip.
- If rivet pintail is stuck in tool after breaking, lightly tap nose against a hard surface while squeezing Handles and pressing the Releasing Button with tool pointing downward. Pintail should then fall out.
- Before operating tool, make sure that all Nose Parts have been screwed in hand tight.
- The tool has a 5/8" work travel, the completion of which is indicated by a solid stop after approximately 12 pumps (one cycle). **Do not force beyond this point** to insure long life of tool.
- The HK-150 should not be used at temperatures below 35°F unless it is first brought to room temperature and cycled several times. Normal use of the tool after warming should keep it warm enough for proper operation.
- If tool will not reverse, remove Nose Tube and inspect for any foreign matter that might have caused jamming between Jaw Holder and inside of Nose Tube.
- Frequently check that nose components do not vibrate loose during operation.
- Do not rock tool** when pumping it. This may cause rivets to prematurely break.
- Large fasteners can be set one handed in tight areas by using short pump strokes.

Nose Pieces			
Part No.	Description	Part No.	Description
 Ø.093	<b>202156</b> 1/8" for Trim Molding Pop Rivets	 Ø.160	<b>202155</b> 1/4" Auto Split "T" Rivets
 Ø.098	<b>202159</b> 3/32" & 1/8" Pop Rivets	 Ø.160	<b>202157</b> Discontinued - Replaced by tip 202142 (pictured below) 1/4" Pop & Plastic Rivets
 Ø.093	<b>202190</b> 1/8" Stand Off Pop Rivets	 Ø.160	<b>202169</b> 1/4" Monobolts
 Ø.130	<b>202158</b> 5/32" & 3/16" Pop & Plastic Rivets	 Ø.160	<b>202193</b> Spec. GM Glass Stop Travel, Pop Rivets
 Ø.125	<b>202168</b> 3/16" Monobolts	 Ø.172	<b>202142</b> 1/4" Magna Lok 1/4" Pop Rivets 1/4" Plastic Rivets Replaces Tip 202157