



# **RELIABLE EQUIPMENT**

**CRAFTED WITH PRIDE IN THE U.S.A.  
USED WITH CONFIDENCE AROUND THE WORLD**

**92 Steamwhistle Drive - Ivyland, PA 18974**

**Phone: 215-357-3500   Toll Free: 800-966-3530**

**Fax: 215-357-9193**

# REL-TMP

## HYDRAULIC POLE TAMPERS

Makes quick work of setting poles, asphalt patch and general construction backfill compacting.

Only 3 moving parts for low maintenance.

Reversible On/Off valve for Open- and Closed-Center systems (hose-end models).

Standard with kidney-shaped foot.

Rotate trigger selector for Open- and Closed-Center systems (valve on tube models).

### SPECIFICATIONS

**Width:** 4"

**Flow Range:** 4-6 gpm

**Pressure:** 1,000-2,000 psi

**Pressure Port Thread:** 9/16-18 SAE O-Ring

**Return Port Thread:** 3/4-16 SAE O-Ring

**Standard Foot Size:** 2.5 x 8" kidney-shaped

**Blows Per Minute:** 1,160 @ 5 gpm



### TAMPER - OPTIONS

<b>REL TMP 72</b>	72" Pole Tamper	- Valve on Tube
<b>REL TMP 60V</b>	60" Pole Tamper	- Hose End Valve
<b>REL TMP 60</b>	60" Pole Tamper	- No Valve





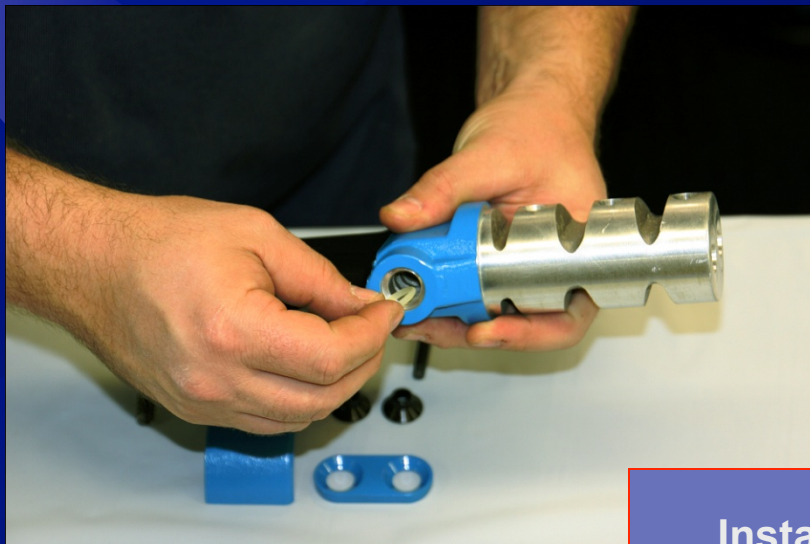
# **REL TMP 72**

## **Hydraulic Tamper**





**Install O-Ring Onto Control Spool**



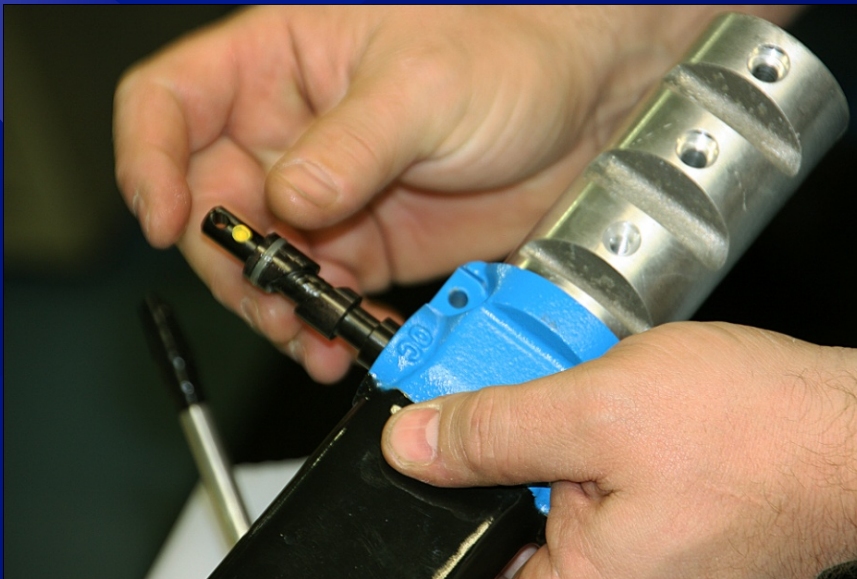
**Install O-Ring Into Tamper Handle**







**Lubricate The Spool Prior To Assembly**



**Insert Control Spool  
Into Tamper Handle**

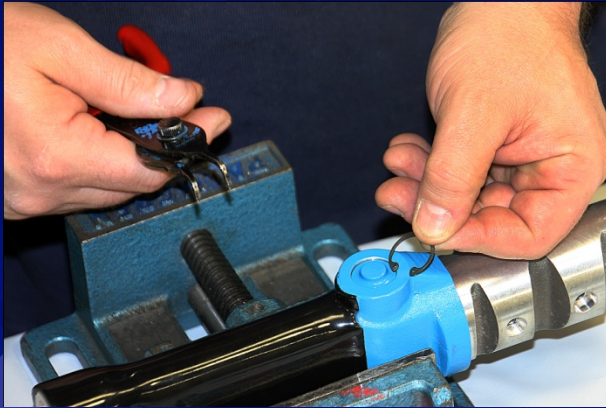


**Insert Compression Spring**



**Insert End Cap Into Handle  
& Over Compression Spring**





**Insert Spring Clip Into Tamper Handle**



**Ensure That Spring Clip Is Properly Seated**





**Insert Spool Washer Into Handle**



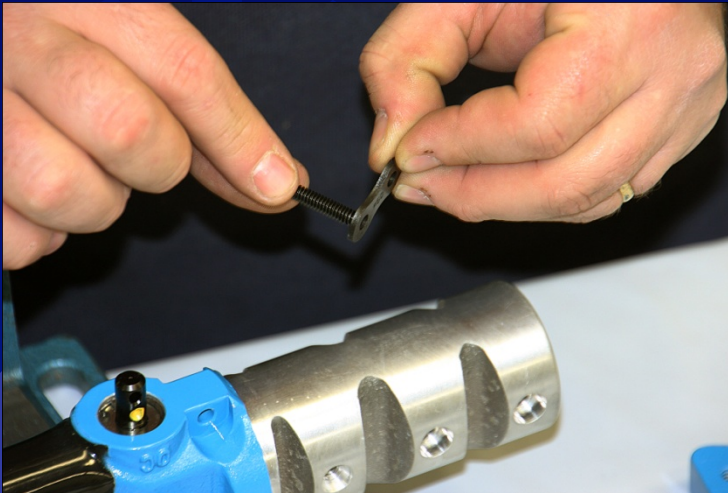
**Insert Spring Clip Over Spool Washer**



**Work Clip Into Handle And Ensure That Clip Is Seated Securely**







**Insert Cap Screw Through Link**



**Insert Cap Screw Through Handle**

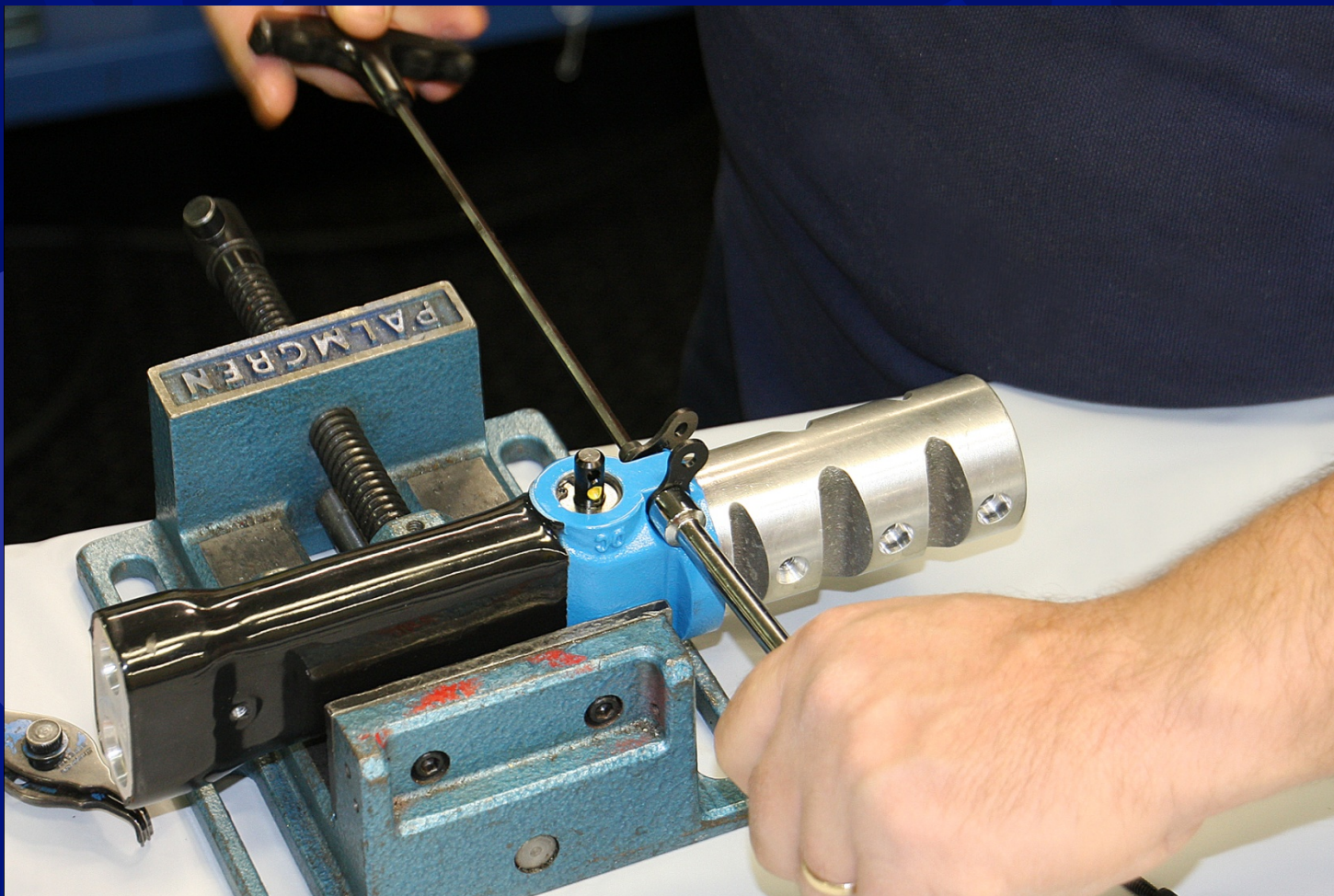


**Install Second Link Opposite**



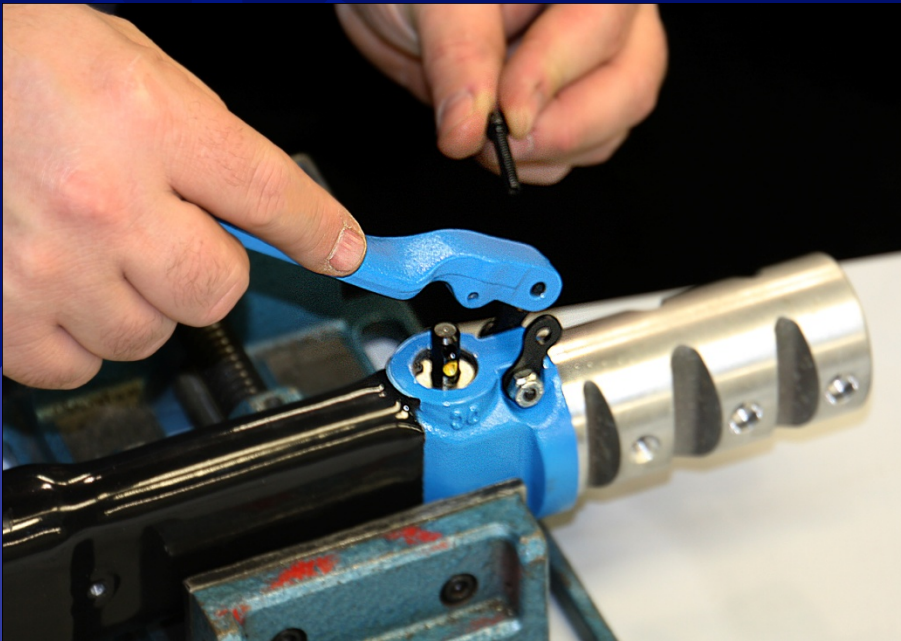
**Install Locking Hex Nut**





**Tighten Trigger Link Assembly Completely**





**Insert Cap Screw  
Through Link & Trigger**



**Tighten Down Assembly**



**Install Locking Nut Onto Cap Screw**







**Insert Spring Pin Into Trigger**



**Drive Spring Pin Flush With Trigger**



**Insert Brass Sleeve Into Handle**

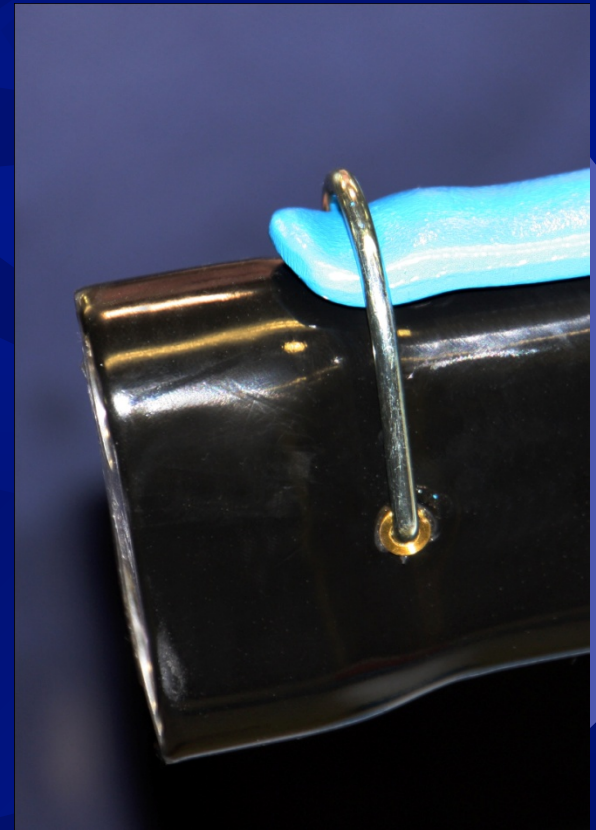


**Center Sleeve Within Handle**

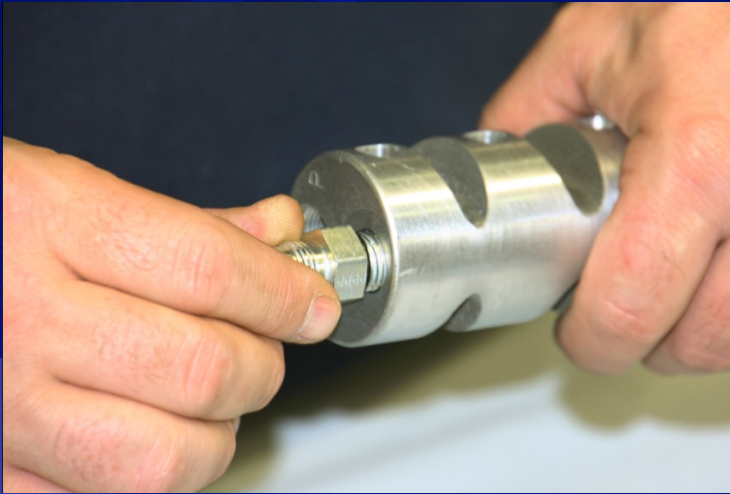


**Install Trigger Lock Over  
Insulated Handle And  
Seat Into Brass Sleeve**

**Depress Trigger  
& Check Assembly**



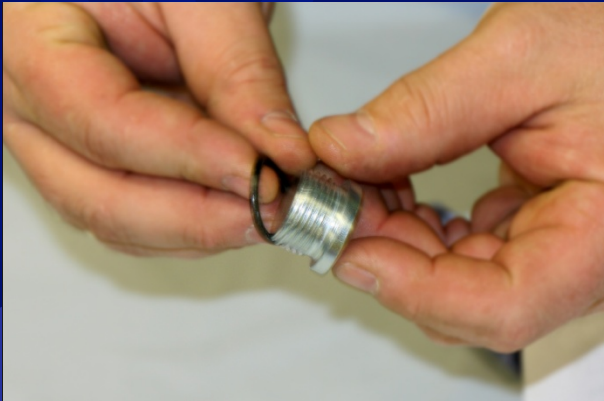




**Install Both O-Ring Adapters Into Insulated Handle**



**Tighten Down Both Adapters**



**Install O-Ring Over Plug**



**A Pick May Be  
Used With Care  
To Work O-Ring  
Over Threads**

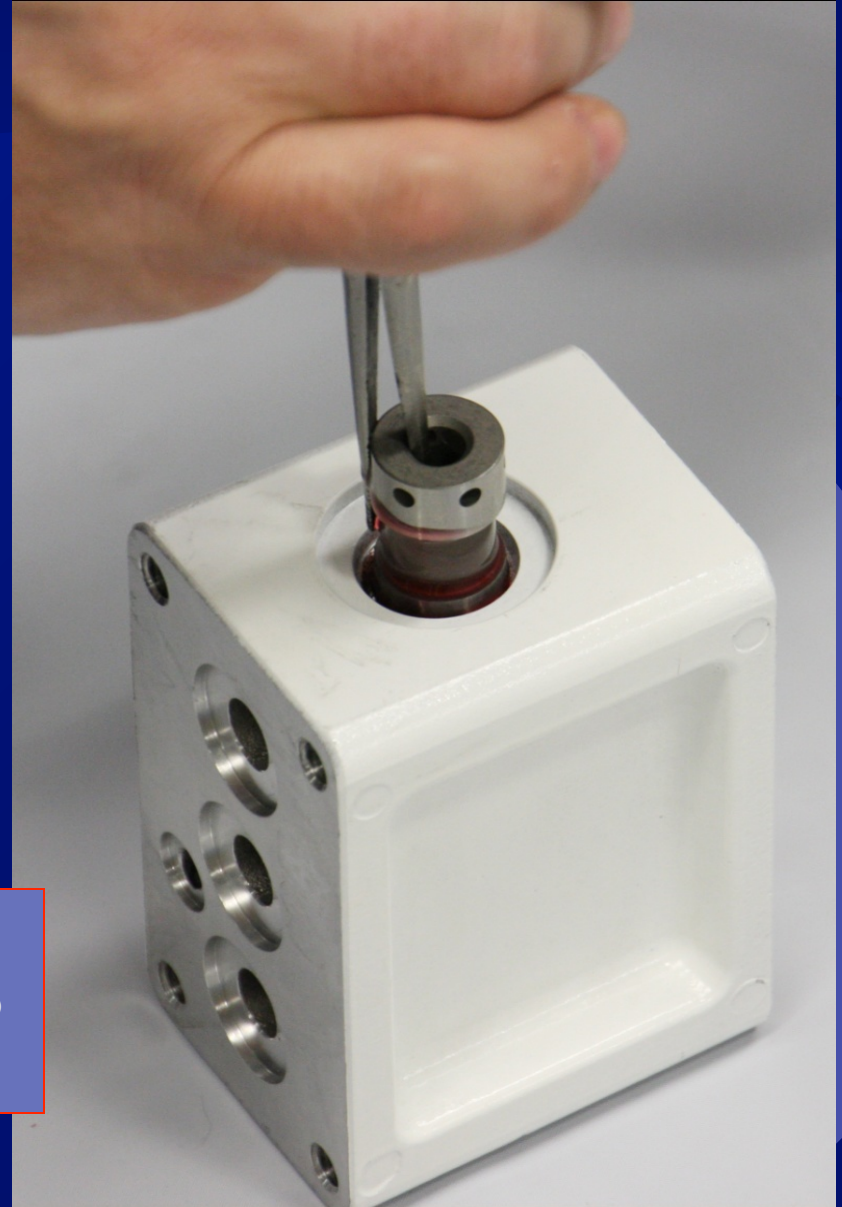


**Install Plug Into  
Tamper Valve Body**

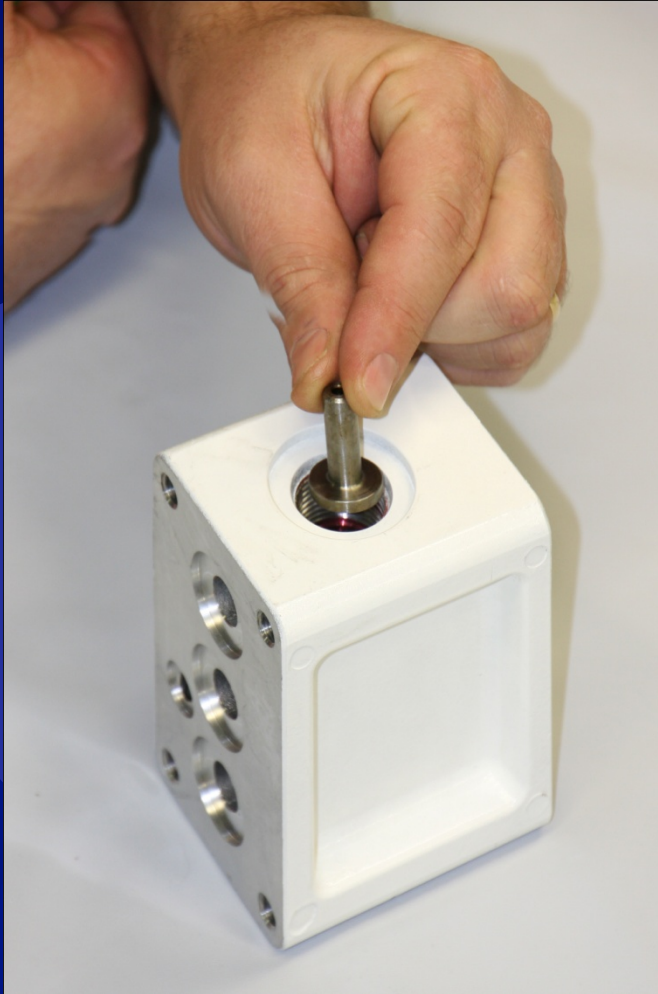




**Lubricate Shuttle Spool With  
Hydraulic Fluid And Insert Into  
Tamper Valve Body**







**Insert Spool Stop Into Body**



**Insert Compression Spring**



**Install O-Ring Onto Plug (Hex)**



**Install Plug Into Valve Body**





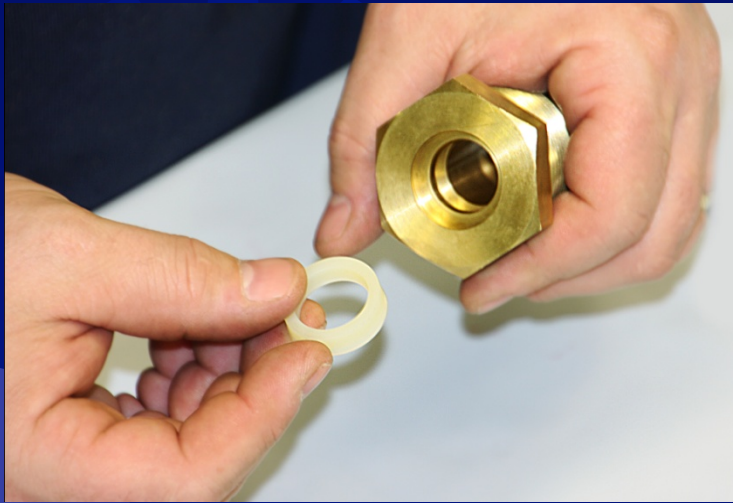
**Tighten Both Plugs  
Into Tamper Valve Body**



**Insert Three Large O-Rings &  
One Small O-Ring Into Valve Body**







Install U-Cup Seal Into Inner Wall Of Packing Nut



Install Ram Wiper At The Bottom Of The Packing Nut



**Install O-Ring Over Packing Nut  
And Work Down Until O-Ring Is  
Seated Against Base Of Nut**

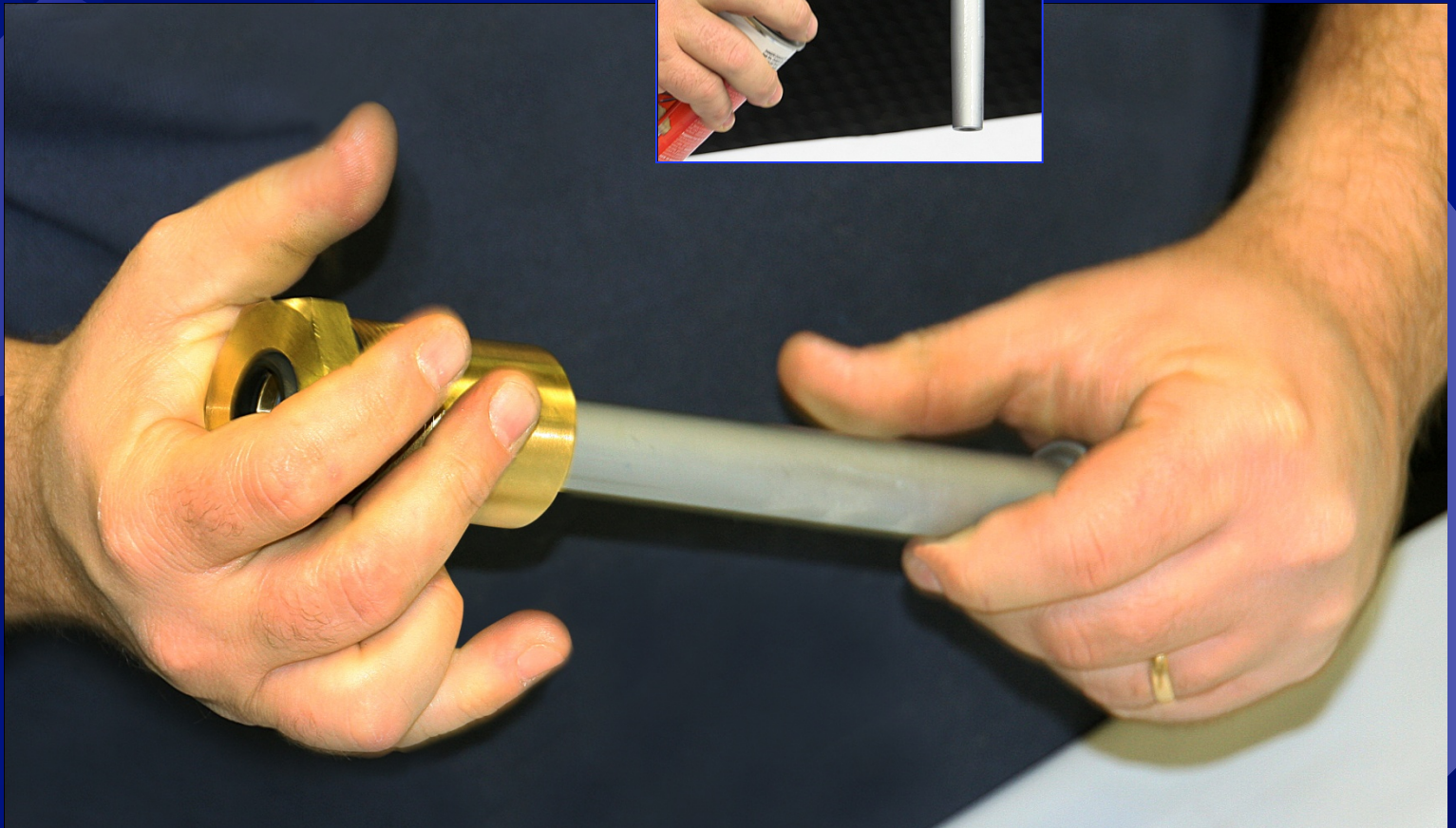


**Seat U-Cup Seal Into Packing Nut**



Lubricate Ram And Install  
Packing Nut As Shown

**NOTE DIRECTION OF NUT**





**Install Ram Into Tamper Foot**



**A Mallet May Be Used To Seat  
Ram Completely Into Assembly**





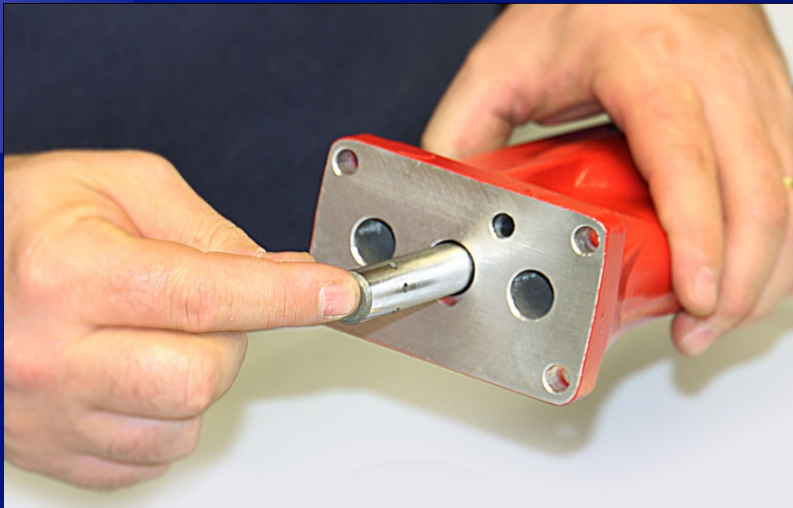
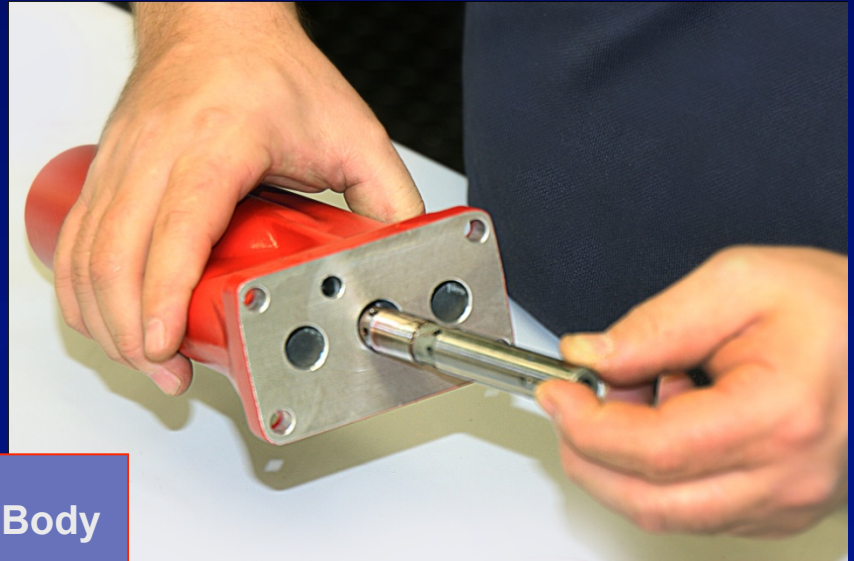
**Install Cap Screw With Flat Washer Into Tamper Foot And Tighten Securely**







**Lubricate Drive Shaft & Install Into Body**



**Seat Drive Shaft Completely And Install Body Onto Valve Body**





**Install Cap Screws & Lock Washers Into Body & Valve And Tighten**



**Lubricate Ram Assembly and Insert Into Tamper Body**



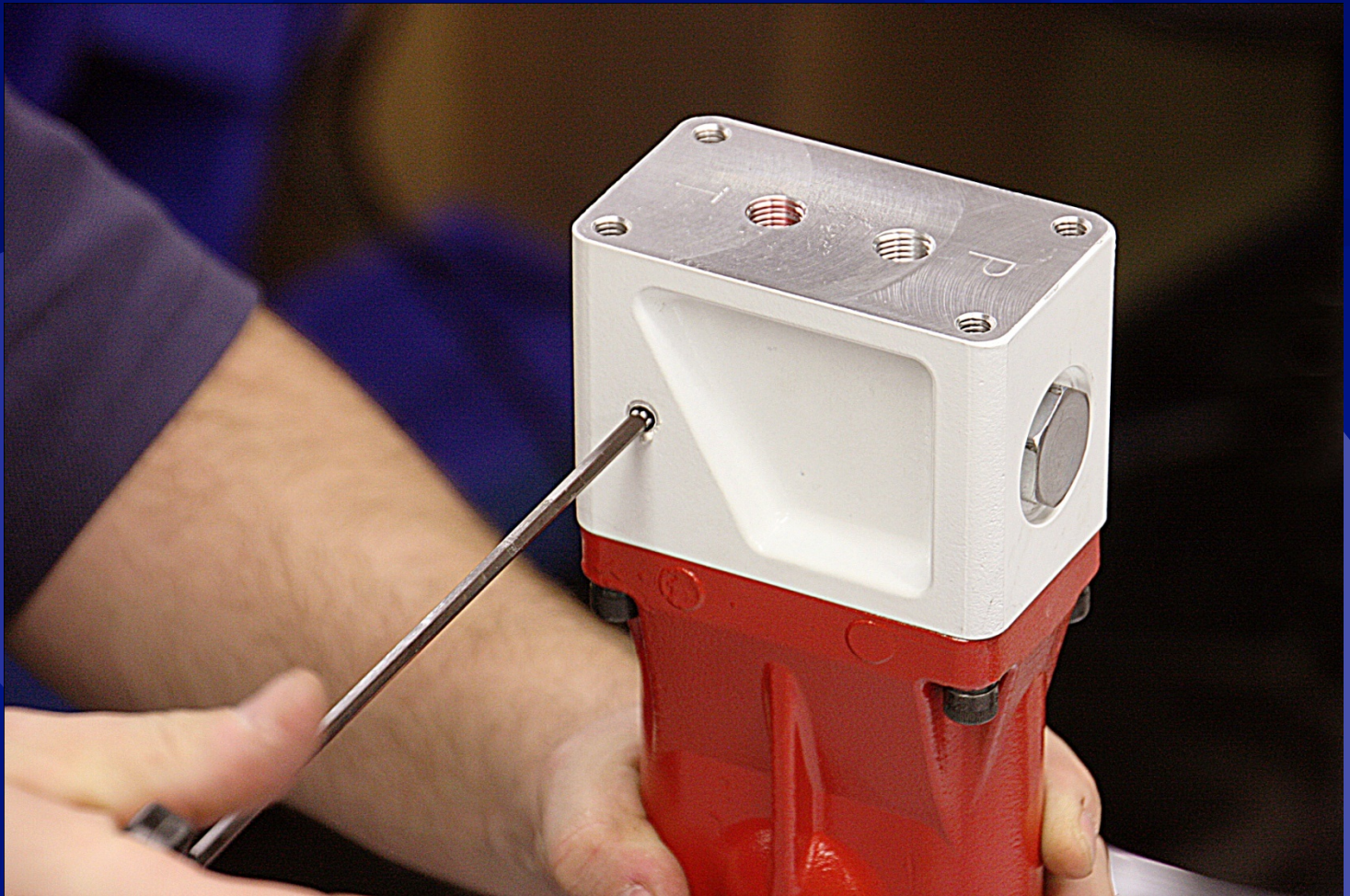


**Apply Loctite To Packing Nut And Thread Into Tamper Body**



**Tighten Packing Nut Securely Onto Tamper Body**



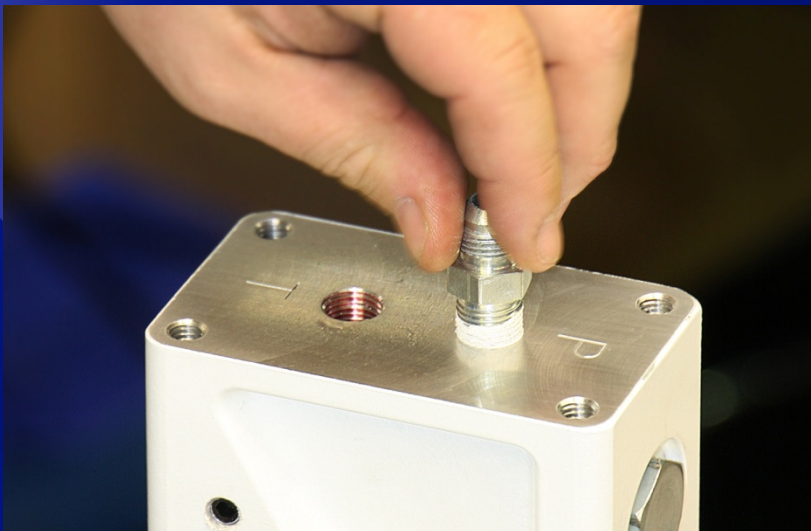
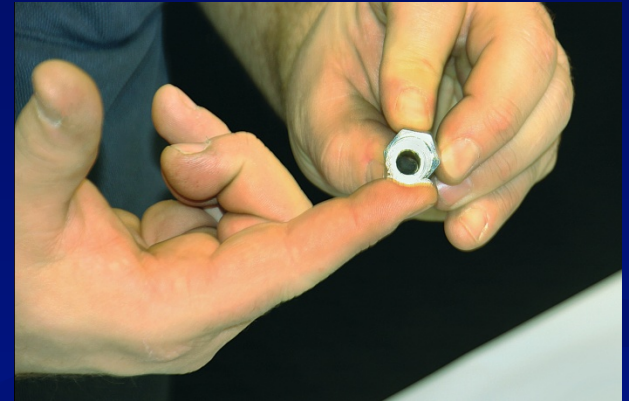


**Install Pressure Relief Plug Into Valve Body**





**Apply Thread Sealant To Hydraulic Adapters**



**Install Pressure Adapter Into Valve Port**

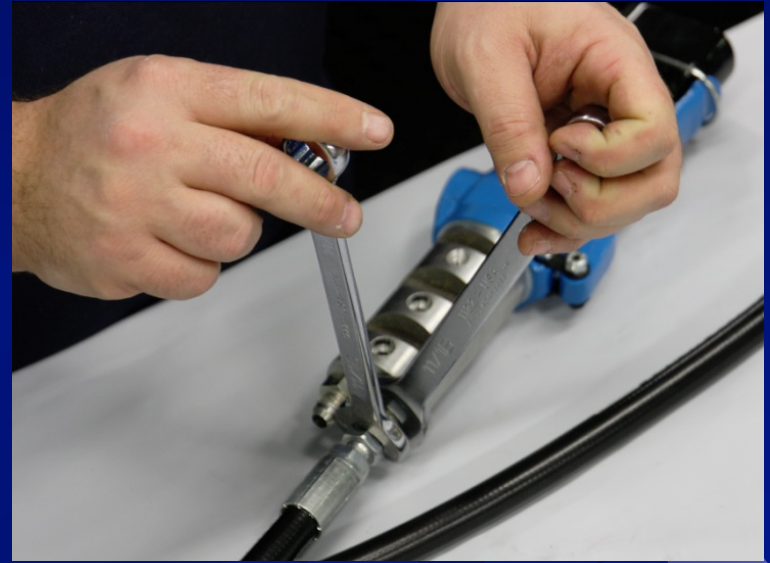


**Repeat Steps Above And Install Tank (Return) Adapter**





**Tighten Hydraulic Adapters Into Valve Body**



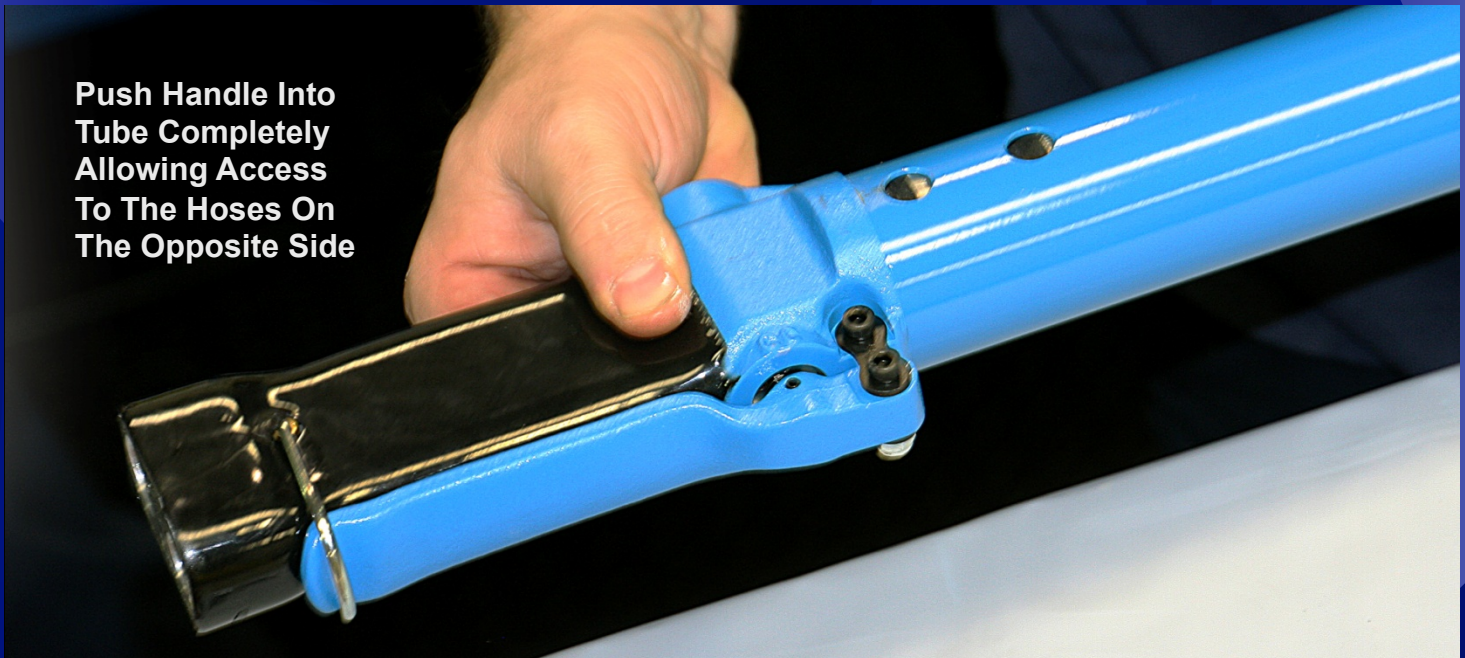
**Install Inner Hoses Onto Adapters Of Insulated Handle Assembly & Tighten**



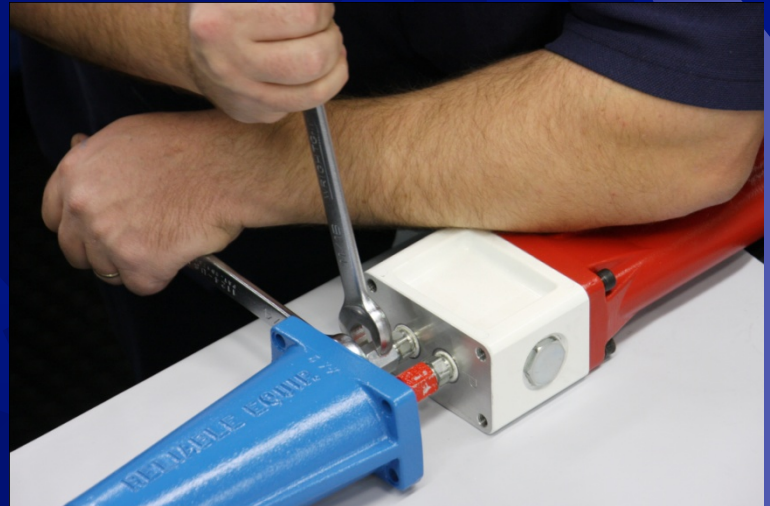


**Mark Pressure Hose & Install Assembly Through Tube Until Handle Meets Tube**

**Push Handle Into  
Tube Completely  
Allowing Access  
To The Hoses On  
The Opposite Side**







**Install Pressure Hose Onto “P” Adapter Of Valve Body Assembly & Tighten  
Install Return Hose Onto “T” Adapter Of Valve Body Assembly & Tighten**







**Assemble 2 Piece  
Guard Around The  
Handle Assembly**

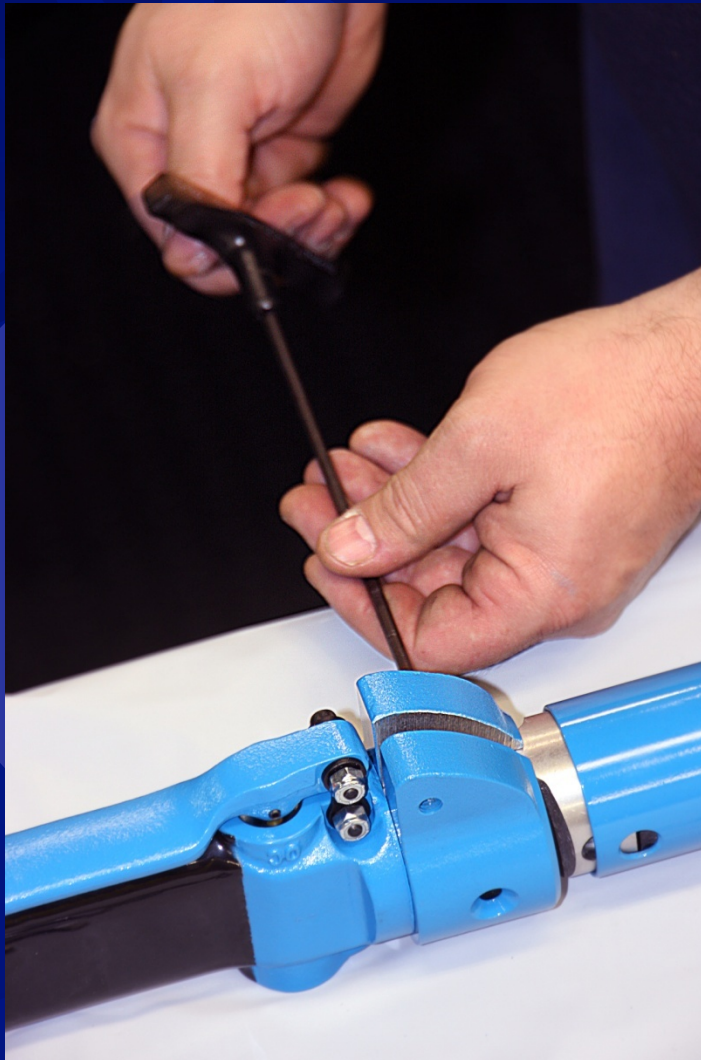


**Apply Loctite To  
Cap Screw Thread**

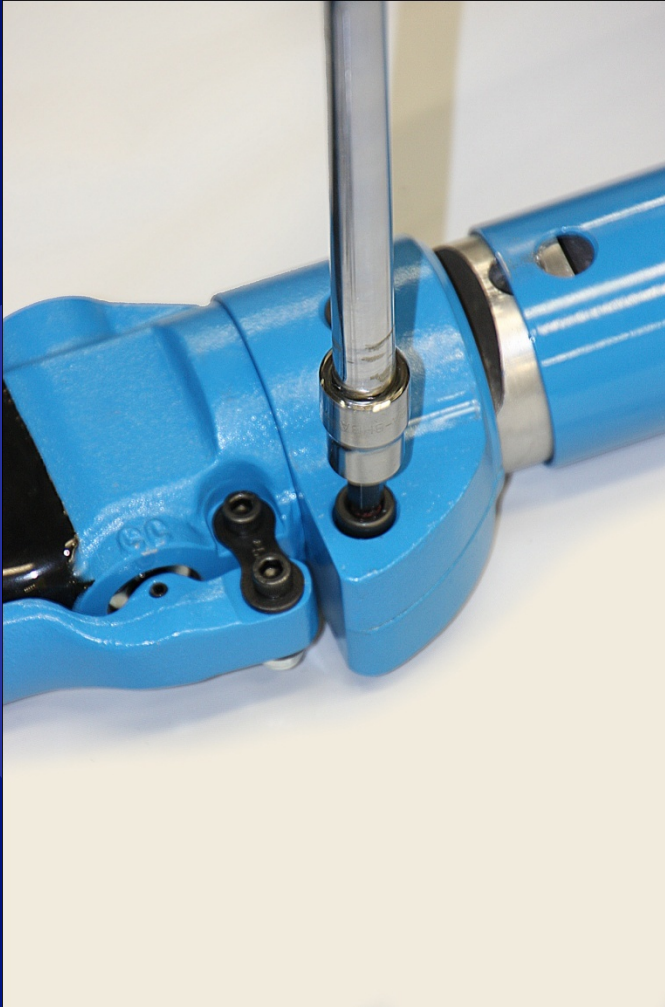


**Install Cap Screw  
Into Guard Assembly**



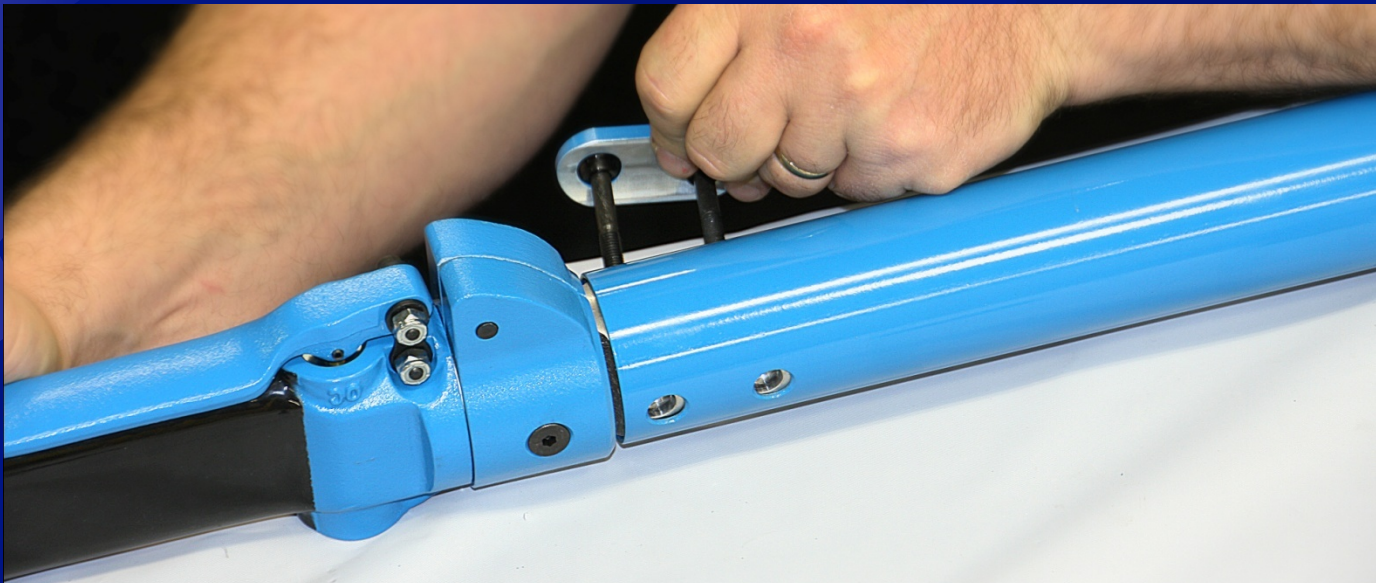
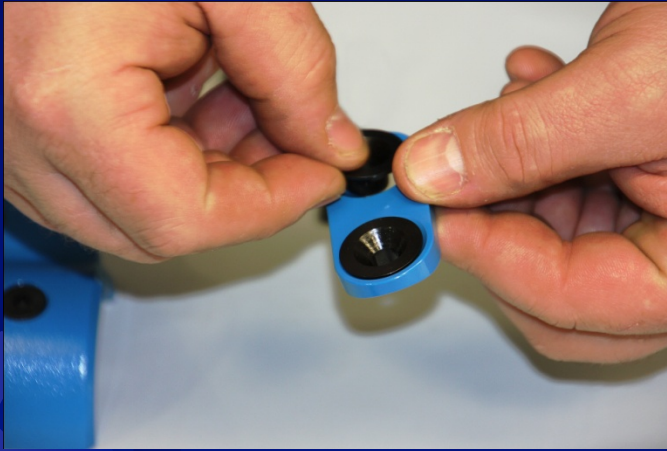


**Align And Tighten Cap Screws On Both Sides Of Guard Assembly**

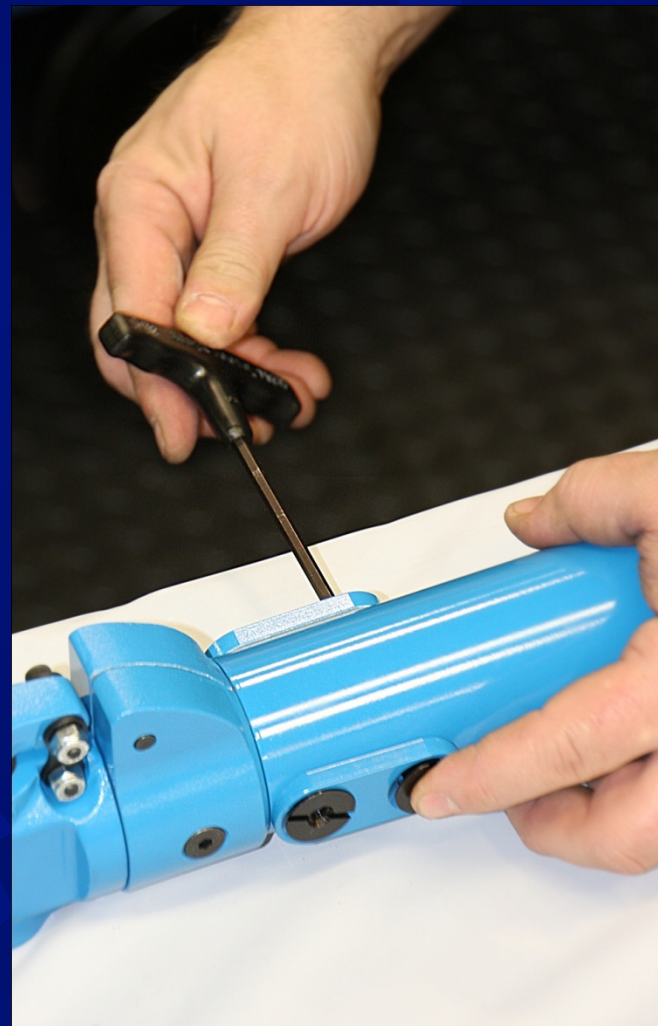
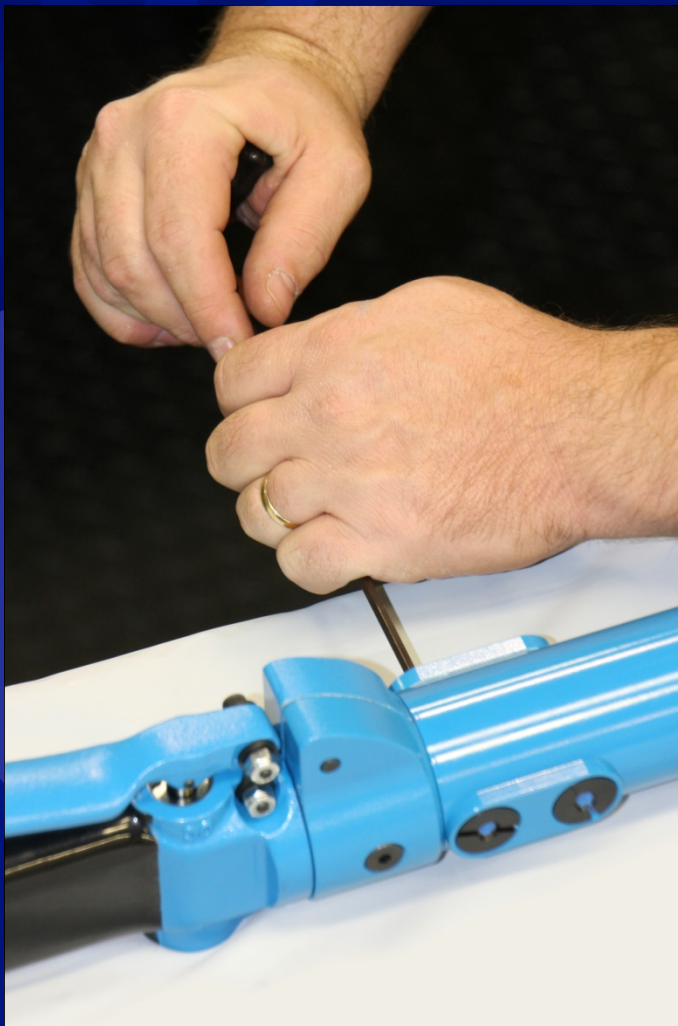


**Tighten Cap Screw Into Guard Assembly**





**Insert Countersink Nuts & Washers Into Double Washers  
Apply Loctite To Countersink Nuts - Install Cap Screws Through  
Washers, Tube and Handle Assemblies And Secure**



**Tighten Cap Screws Into Countersink Nut - Assembly Is Complete**





Test Tamper Operation & Inspect For Leaking



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