## **Maintenance Guide**



## **Maintenance Supplies**



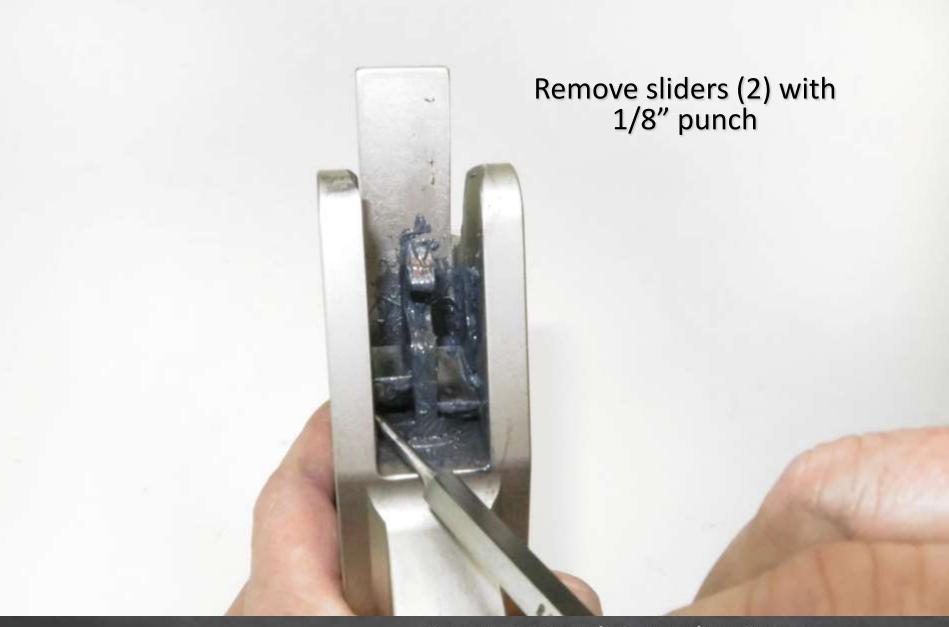
TX-4 Cylinder for demonstration purposes
 TX-4 gland wrench
 Marine moly
 TX-4 gland wrench
 TX-4 gland wrench
 TX-4 insertion tool
 Teflon tape
 Marine moly
 W" punch
 11. 1/8" punch
 Light grease





## Slider pin after removal



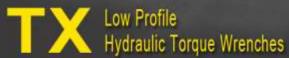




## Sliders after removal

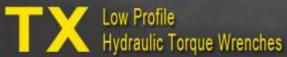




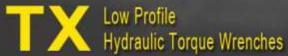








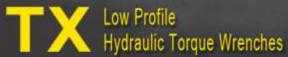


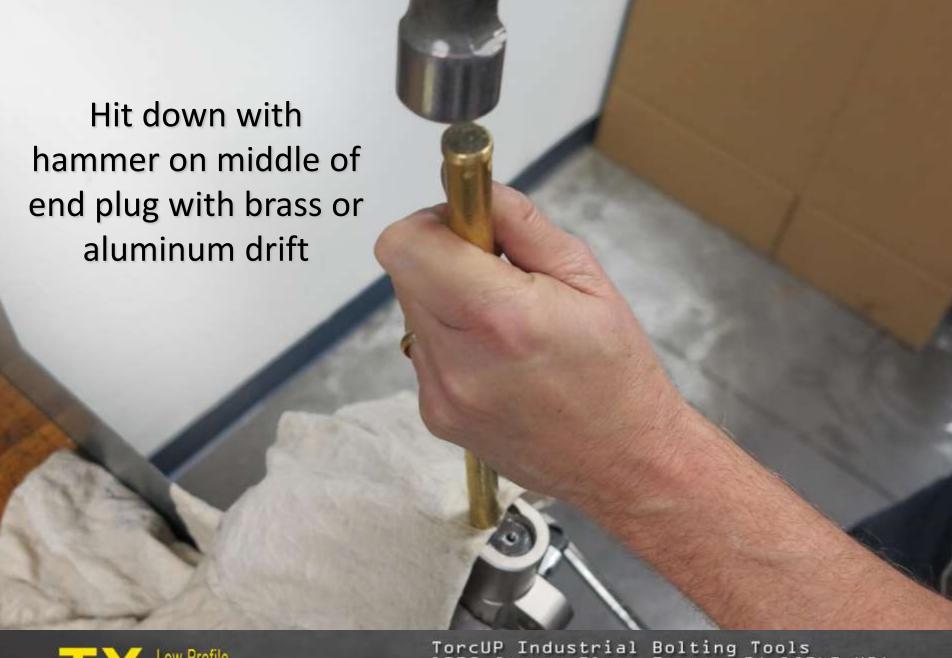














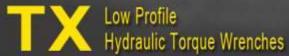


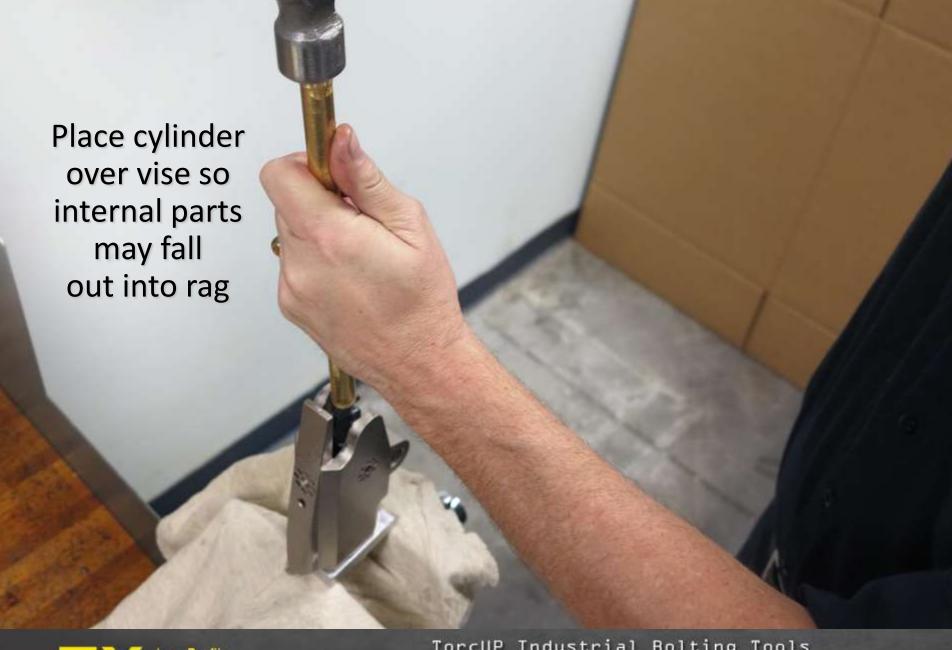












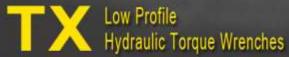


With a hammer hit down on piston rod end with brass or aluminum drift

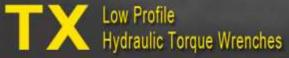


















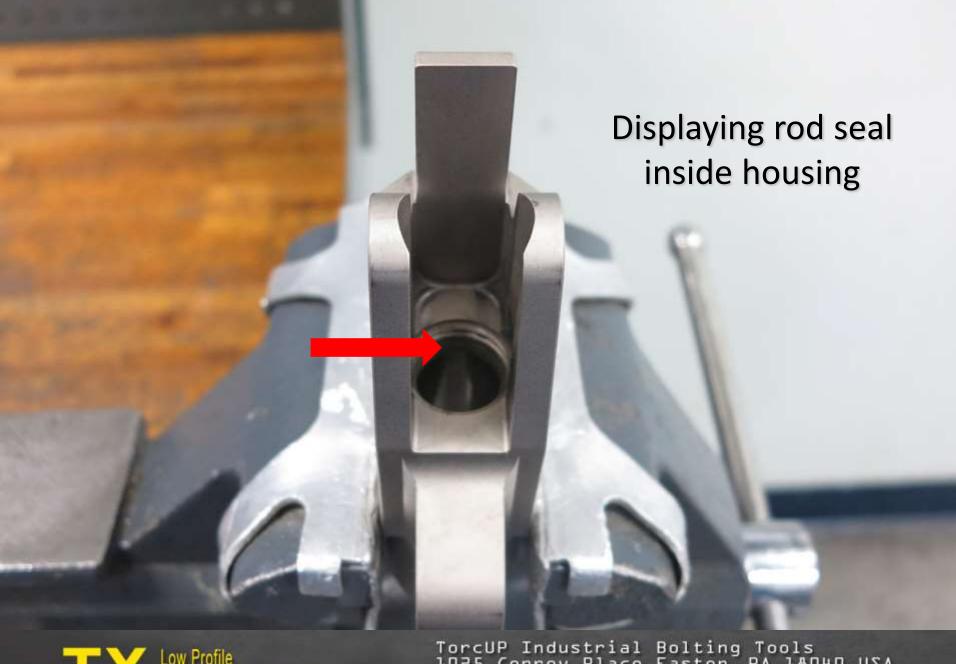








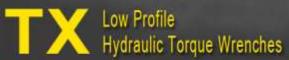








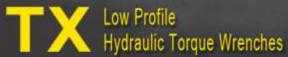




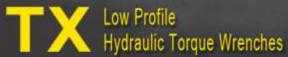


















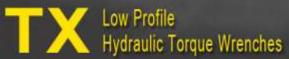




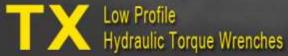






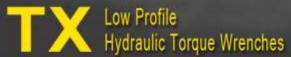




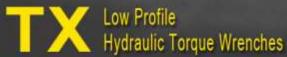


TorcUP Industrial Bolting Tools 1025 Conroy Place Easton, PA 18040 USA E:sales@torcup.com W:www.torcup.com



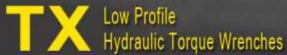


















Low Profile
Hydraulic Torque Wrenches







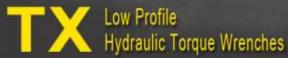




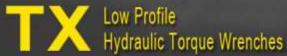


Low Profile
Hydraulic Torque Wrenches





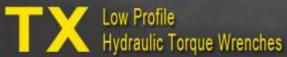






Low Profile
Hydraulic Torque Wrenches

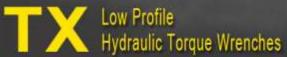




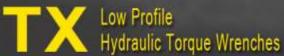


Low Profile
Hydraulic Torque Wrenches

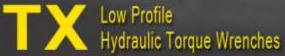


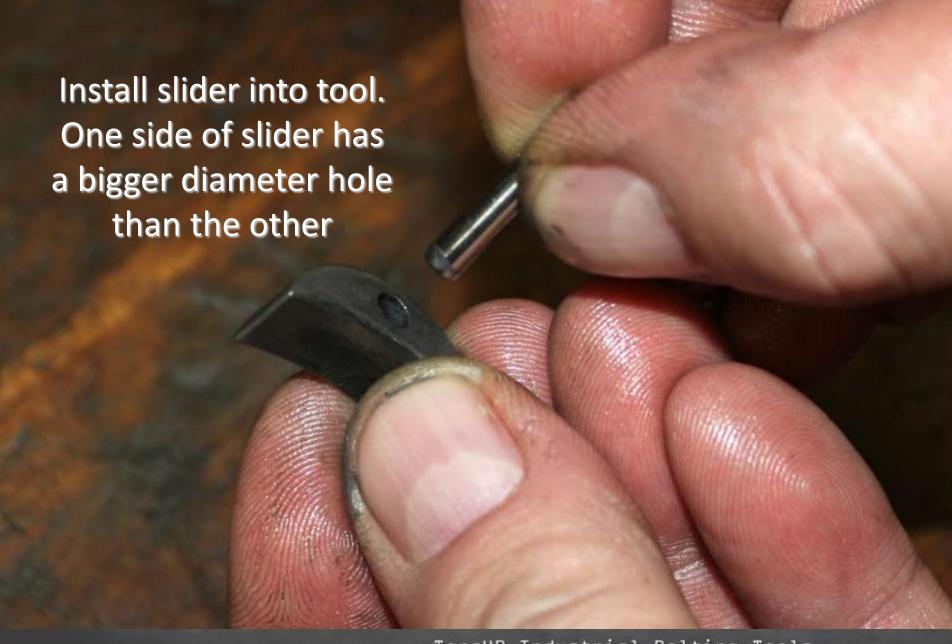


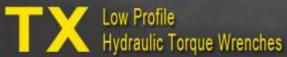






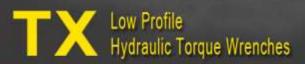




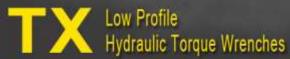


## Using moly grease; grease both sides of piston where sliders will rest

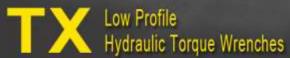




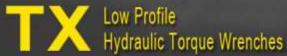




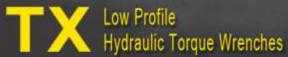




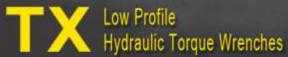




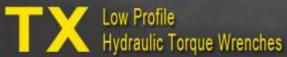








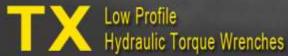














Low Profile
Hydraulic Torque Wrenches

## TX-2 TX-4 and TX-8 Cylinder Part Numbers

Part	TX-2	TX-4	TX-8
1 HOUSING	TX-2-C01	TX-4-C01	TX-8-C01
PISTON BRASS BUSHING	N/A	TX-4-C51	TX-8-C51
PISTON ROD ASSEMBLY	TX-2-C03	TX-4-C03	TX-8-C03
3 PISTON ROD	TX-2-C03-1	TX-4-C03-1	TX-8-C03-1
4 PISTON CAP	N/A	N/A	N/A
5 VALVE BALL	N/A	N/A	N/A
6 VALVE SPRING	N/A	N/A	N/A
7 VALVE HOLLOW LOCK	N/A	N/A	N/A
9 SLIDER	TX-2-C09	TX-4-C09	TX-8-C09
IO END CAP	TX-2-C11	TX-4-C11	TX-8-C11
11 RETAINING RING	TX-2-C13	TX-4-C13	TX-8-C13
12 LINK PIN	TX-2-C15	TX-4-C15	TX-8-C15
3 END COVER	TX-2-C17	TX-4-C17	N/A
4 END COVER SCREWS	TX-2-C23	TX-4-C23	N/A
IS LINK RETAINING SPRING	TX-2-C53	TX-4-C53	TX-8-C53
6 SLIDER PIN	TX-2-C27	TX-4-C27	TX-8-C27
7 END PLUG SEAL	TX-2-C29	TX-4-C29	TX-8-C29
8 ROD SEAL	TX-2-C31	TX-4-C31	TX-8-C31
19 PISTON O-RING	TX-2-C33	TX-4-C33	TX-8-C33
20 SWIVEL (2 Required)	STX-8M-4M	STX-4M-4M	STX-4M-4M
21 COUPLER ASSEMBLY	HC-S-100	HC-S-100	HC-S-100
22 SEAL INSERTION TOOL	ATX-2-ST	ATX-4-ST	ATX-8-ST
23 END PLUG WRENCH	N/A	N/A	N/A
			0-
			5



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TorcUP Inc. is not responsible for customer modification of tools for applications on which TorcUP Inc was not consulted.

Refer to the tool manual for safety and regulations.