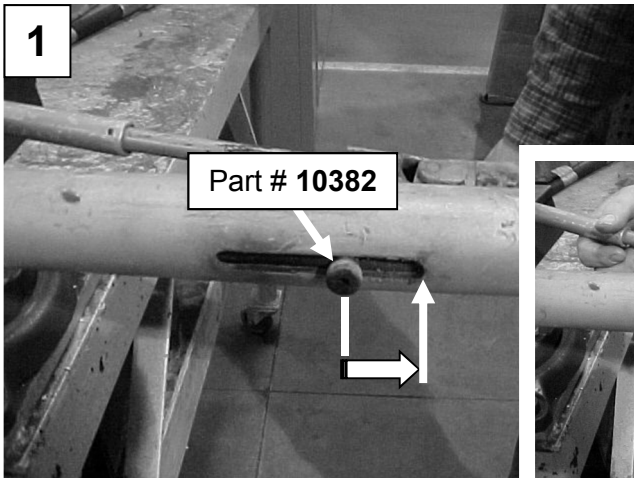
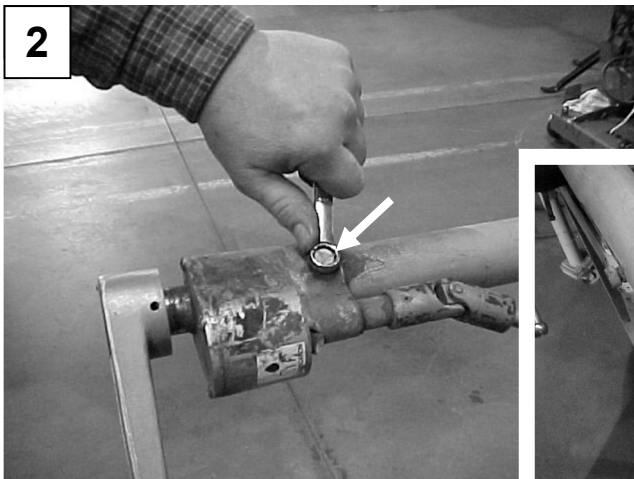
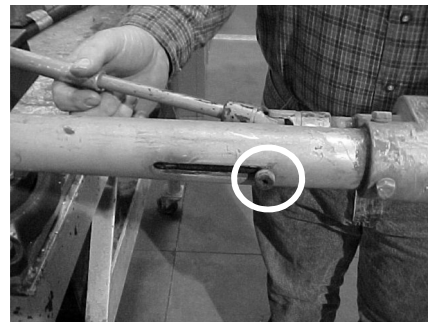


## RELEASING TWIN PITCH TOWER SPRING TENSION

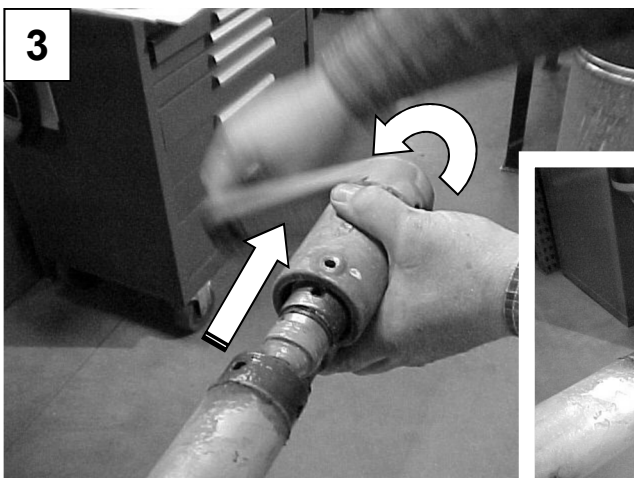
**NOTE:** The tower can be disassembled on the trowel or on the bench. In either case ensure that the top of the tower is pointed in a safe direction at all times with no one in front of or over the top of the tower.



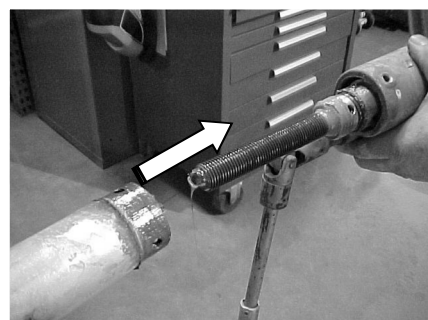
- 1- By cranking the Handle counter clockwise, position the Shoulder Bolt part # **10382** to the top end of the slotted hole.

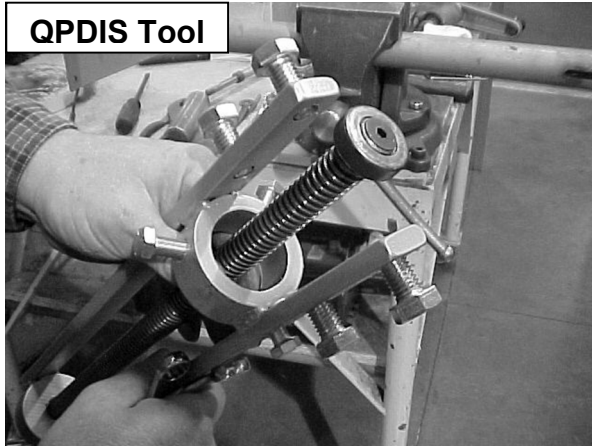


- 2- Remove the 3 screws that secure the Pitch Control Housing to the Tower Tube end.



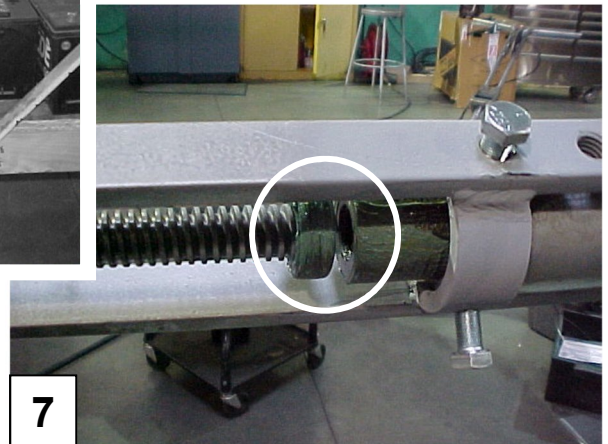
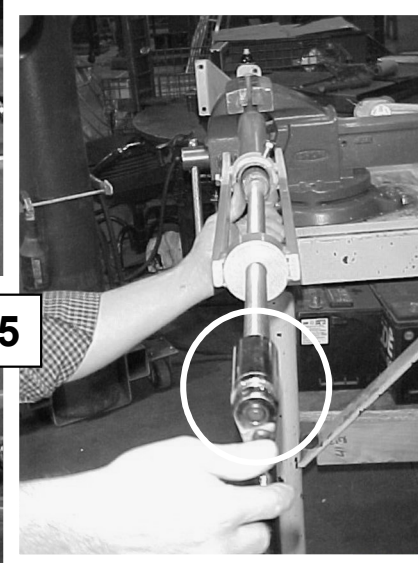
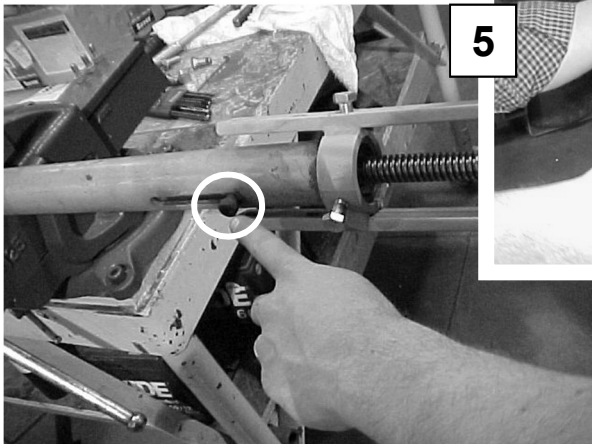
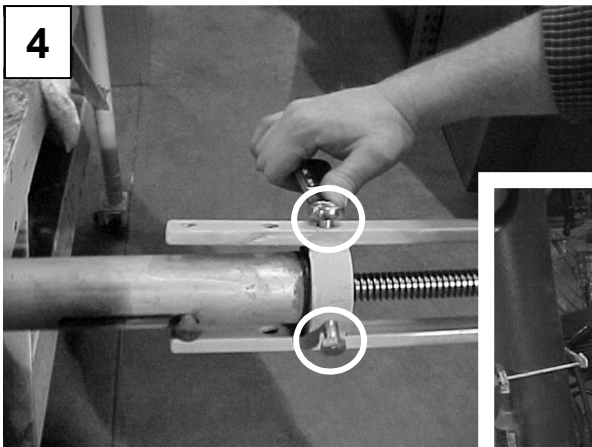
- 3- While securely supporting the Pitch Control Housing by hand, crank the Handle clockwise until the Pitch Control Housing separates completely from the Tower Tube.



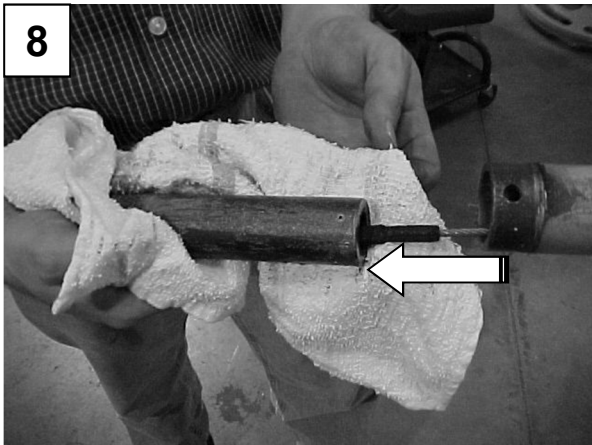


**The special tool (QPDIS) will be used for the following process.** (see complete view of tool on pg. 3)

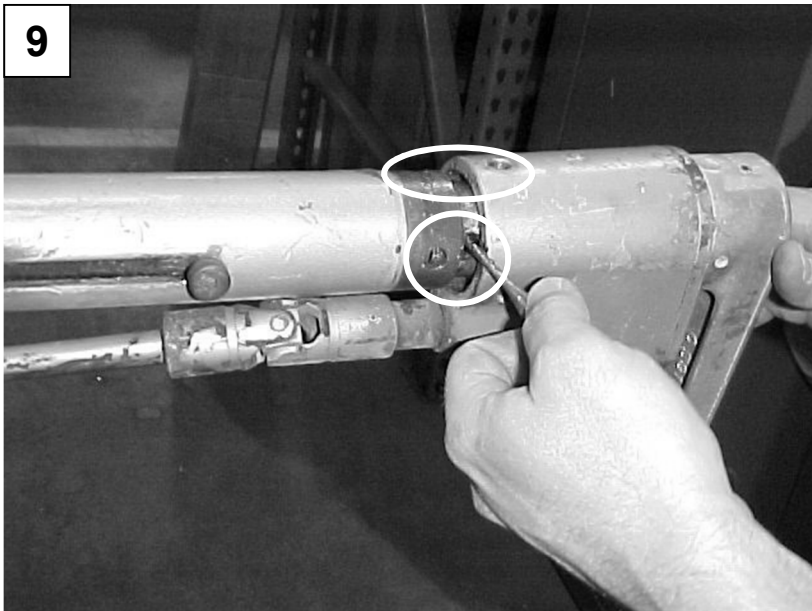
- 4- Secure the QPDIS Tool onto the Tower Tube by aligning the 3 bolts on the tool with the 3 tapped holes on the Tower Tube, turn bolts until fully tightened.
- 5- Using a 1" socket/wrench, turn the screw on QPDIS Tool until the Shoulder Bolt moves in approximately 1/4".
- 6- With no tension on Shoulder Bolt, it can be removed.
- 7- Turn the screw of QPDIS Tool counter clockwise to release spring pressure. Once spring pressure is released (separation of screw from slide block), remove the QPDIS Tool from the tower tube.







- 8- Once spring pressure is released and QPDIS Tool is removed, disassemble as needed to service the tower.
- 9- Reassembly is the reverse of disassembly. Line up the holes as shown for reassembly. Insure that the 3 screws that attach the Pitch Control Housing tighten without binding.



MQ Part # **QPDIS**: Quick Pitch Disassembly Tool

