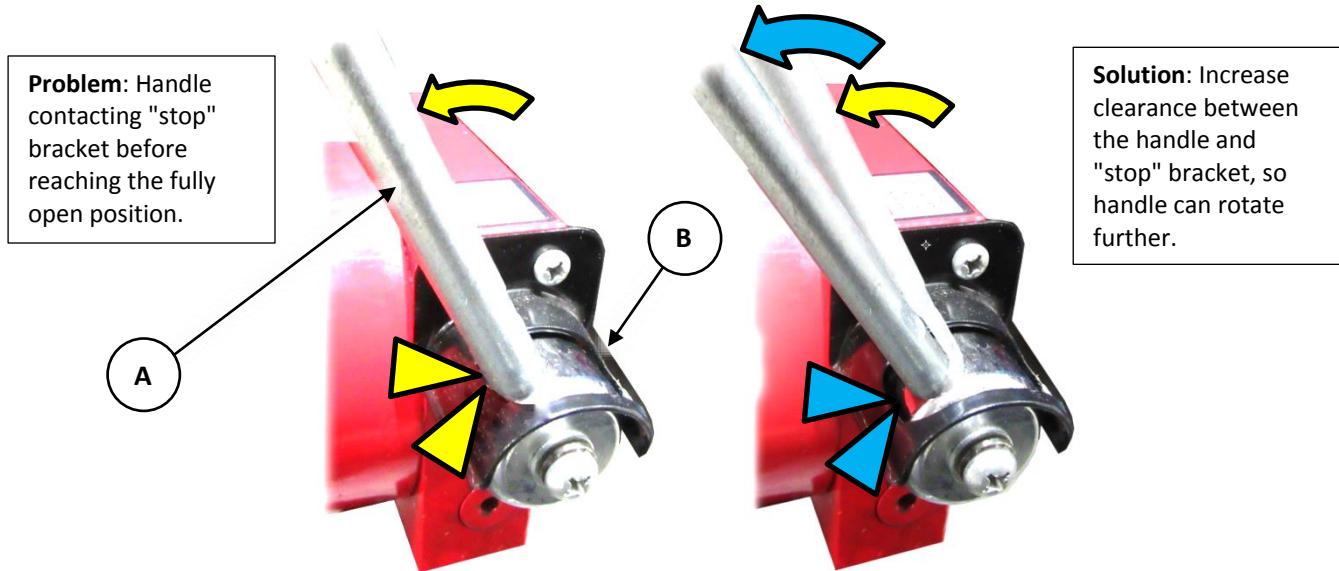
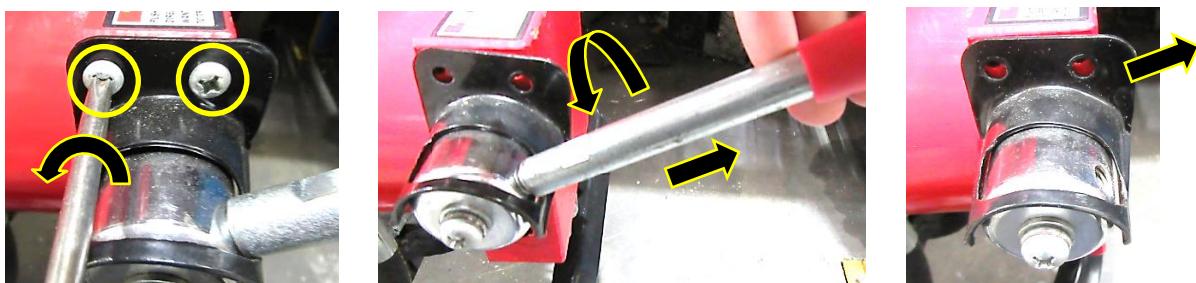


Valve Handle Modification for HPS500 Log Splitter

If the ram cycle time (time for ram to fully extend and retract) is noticeably slower than the stated time, it may indicate that the valve actuator handle cannot be rotated forward far enough to fully open the hydraulic valve. This may also be seen if the handle contacts the "stop" bracket when moved to the forward position. This is uncommon, but can be easily fixed.



1. Ensure that the machine is OFF, and sitting on a flat and level surface.
2. Locate the 2 screws securing the "stop" bracket. Use a suitable screwdriver to remove the screws.
3. Unscrew the handle from the valve and remove it (a suitable spanner may be required).
4. Remove the "stop" bracket from the machine.



5. Using either a suitable file or 5 or 6mm drill bit, enlarge the "stop" bracket mounting holes. OR, using a suitable file, increase the length of the slot in the "stop" bracket by **2 to 3mm**. The modification is to allow the "stop" bracket to be installed in a slightly forward / rotated position.



6. Reassemble the "stop" bracket and valve actuator handle. When doing so, keep the "stop" bracket as far forward as possible to provide maximum clearance between it and the handle.
7. Test the machine. If the handle still contacts the "stop" bracket, modify it further and re-test. If there is no change in how far the handle can be rotated or any noticeable difference in ram cycle time, contact customer service.