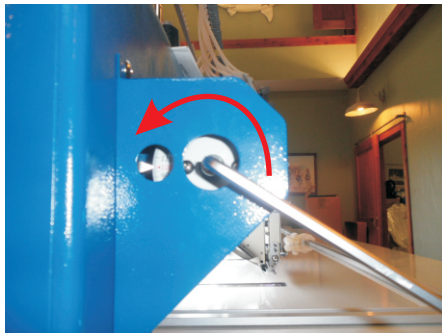
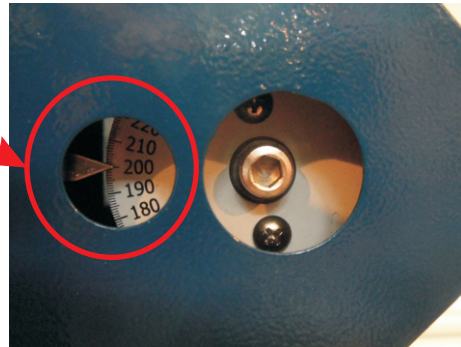


# Pro Shuttle Hook Timing

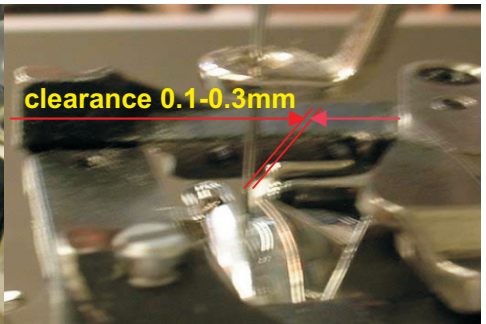
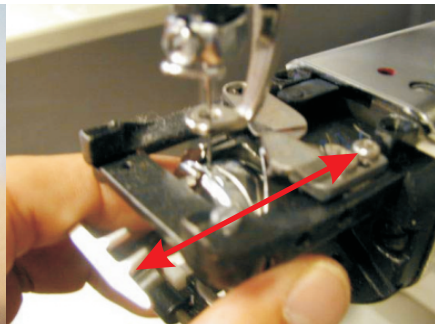
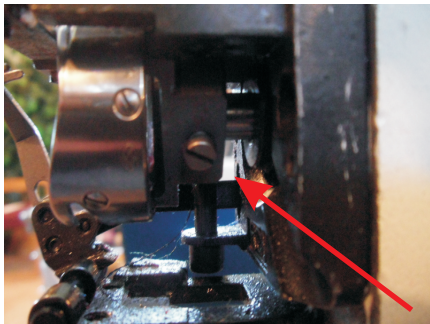
1. Loosen 3 set screws at the Rotary Hook.
2. Turn to machine down to lower dead point and keep rotating Hand weell until the degree window show 200° with arench as show.



200°

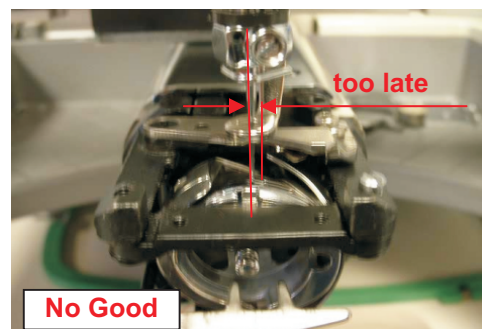
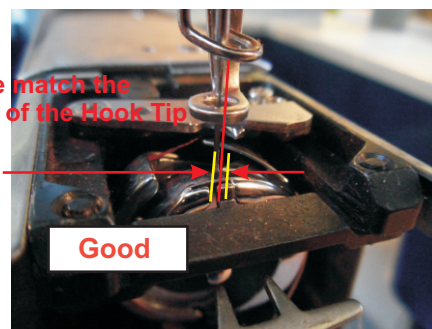
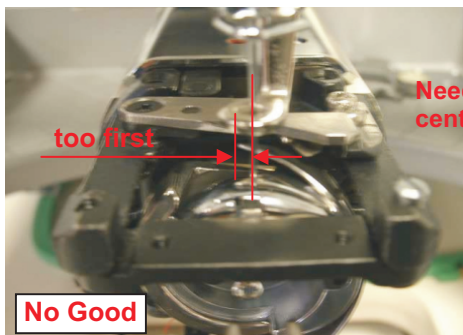


4. Slightly tighten one screw the one on the flat par (not 3 screws) on the Hook carefully by small screw driver as shown.



5. Adjust Hook front to back (clearance between Needle to Hook tip 0.1mm to 0.3mm)  
Also adjust Hook right to left (needle must be on the center of the Hook tip)

This is key point set screw slightly tighten, it's means Hook is movable front and back and rotary direction if need it.



6. Then tighten 3 screw firmly use a good screw driver to avoid damage the screw head.

