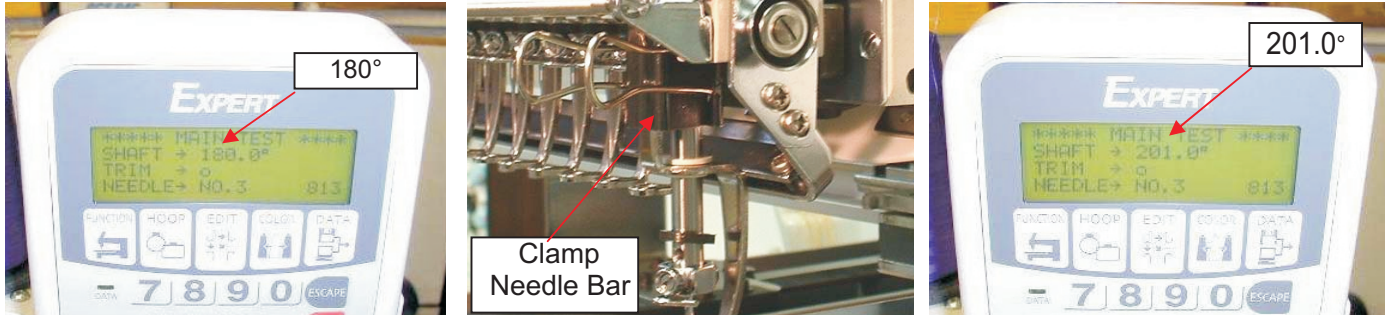
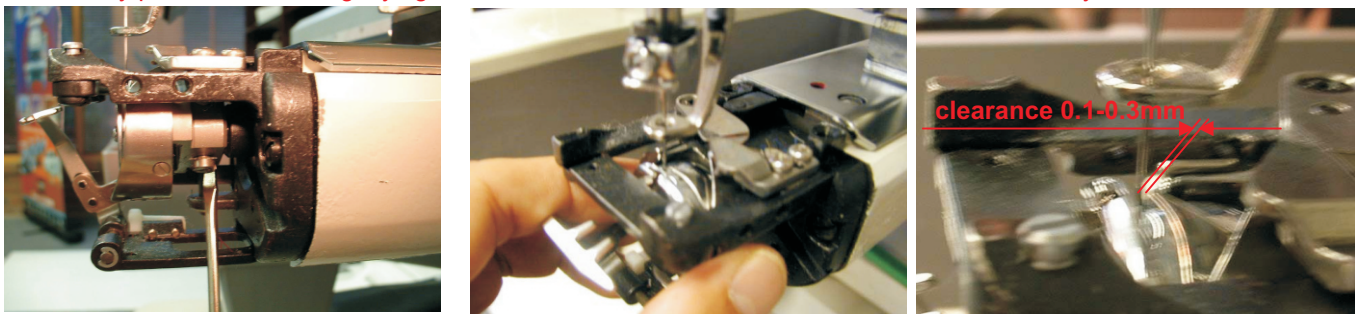


# Toyota ESP 9000\9100 Hook Timing

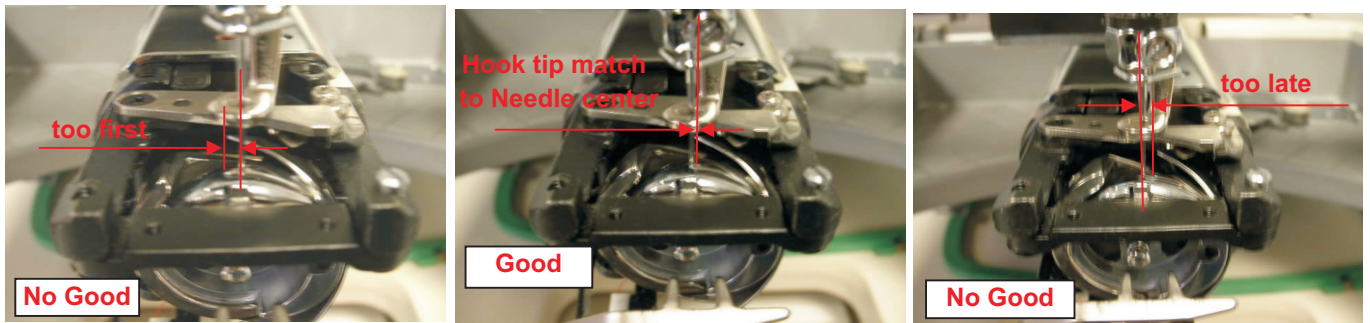
1. Loosen 3 set screws at the Rotary Hook.
2. Turn to machine around 180° (lower dead point) then clamp Needle Bar use paper clamp as shown. Paper clamp must be highest point.



3. Slowly rotate machine to Hook timing 201.0°
4. Slightly tighten one screw the one on the flat par (not 3 screws) on the Hook carefully by small screw driver as shown. This is key point set screw slightly tighten, it's means Hook is movable front and back and rotary direction.



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



6. Then tighten 3 screw firmly use serten size of screw driver

