



**Process Control Document**

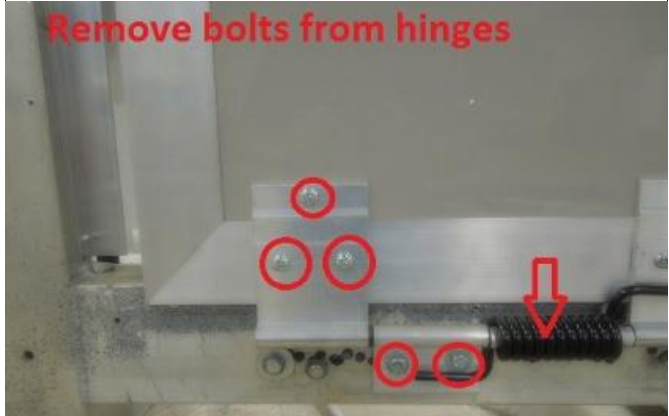
**By:MJS**

**Process Title:Ramp Spring Replacement**

**Date: 7/15/14**

**Page, 1**

Start by removing the bolts from the hinge leaves and butts. Remove the hinge bolts on the side of the hinge that will require removing the fewest pc. Be careful to note where all hinge bushings and pc. are located, so hinge can be properly reassembled later.



**Fig. 1**

Top bolt in hinge leaf has a t-nut on the back of the door. Hold t-nut by grasping with pliers.



**Fig. 2**

Remove leafs by tapping downward (Fig. 3) and then tip leaf outward and slide off of hinge pin (Fig. 4).



**Fig. 3**

Pry outward (Fig. 5) on leg of spring to relieve pressure on the hinge butt and then slide hinge butt and spring off of hinge pin (Fig. 6).



**Fig. 4**

**Fig. 5**





**Fig. 6**

Remove/replace spring bushings if necessary.  
Reassemble hinge in reverse order of disassembly.  
Be careful not to overtighten top hinge leaf bolt.

