



## **Swing Arm Instructions**

### **Adjusting the reach of the arm:**

- The shock absorber acts as a cushion to absorb the impact of the carton and also allows for the in-out reach of the arm. It is not recommended that the arm be fully extended to the 4" allowance, unless it is necessary to reach the carton. The arm/printhead should basically kiss the carton but taking into consideration the fact that all cartons are not aligned properly, a ½" to 1" swing is probably normal.
- Once the optimal swing is determined, tighten the outside nut on the shock.

### **Adjusting the tension of the springs:**

- The inside spring is pretty much set for tension to pull the arm back after the carton has passed; however, several factors are in place to determine what tension you should have for the outside spring...carton weight and printhead weight.
- You'll note there are two springs: one inside to pull the arm back and the outside spring for counterbalance.
- You'll need to experiment with the position of the outside spring for your particular application. It might be that the outside spring is unnecessary.

### **Opening the SwingArm:**

- Take off the outside spring;
- Screw out the shock absorber, not completely but, only enough to relieve any pressure;
- Unscrew the nut of the shoulder bolt with the "red" head and remove the bolt;
- Take off the inside spring.
- Now the arm will lay completely open and you can proceed to move those screws and nuts that effect the outside spring. As you move the screws into other holes, the counterbalance comes into effect and lighter weight cartons will be allowed to move the arm easily.
- Reassemble the arm by attaching the inside spring, replace the shoulder bolt with washer and nut (making sure the bolt goes all the way thru...you'll probably hear a slight click), screw in the shock absorber and reattach the outside spring; and, then readjust the shock to optimal reach.