

## **SUBJECT: ISSUE WITH HITCH PIN ASSEMBLY (2017661 REV 0)**

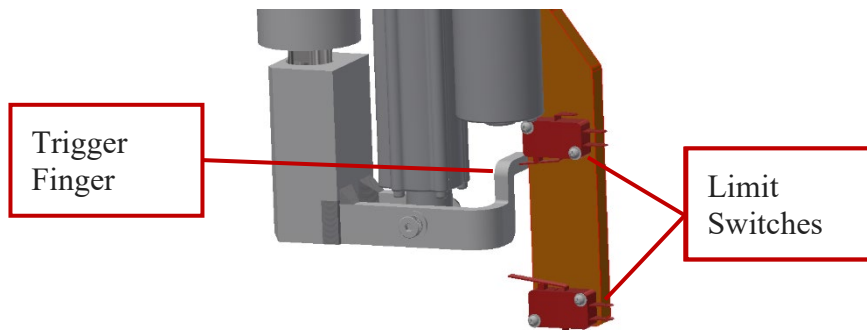
There have been instance, with Hitch Pin Assembly (JBW# 2017661 Rev 0). where the trigger finger of the spring housing misses the limit switch, causing the limit switch to not be triggered. To address this issue, please perform the steps in Part 1 below. If that does not resolve the issue, you can also perform the additional steps in Part 2, also listed below.

This Hitch Pin Assembly (JBW# 2017661 Rev 0) was used in the following larger assemblies, on units built before 02/25/2022:

<b>JBW# 2018555</b>	INSTALL KIT-100TT FRONT PREM POP UP 1045
<b>JBW# 2018525</b>	INSTALL KIT-100TT REAR PREM POP UP 1045 CARBON
<b>JBW# 2018556</b>	INSTALL KIT-100ST FRONT PREM POP UP 1045

How to know if there is a problem:

- If you can lightly pull the trigger finger past the limit switch

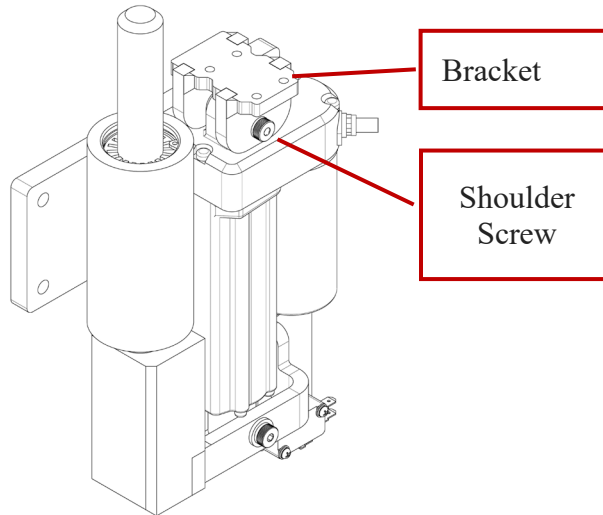


How to know if the problem has been resolved by this fix:

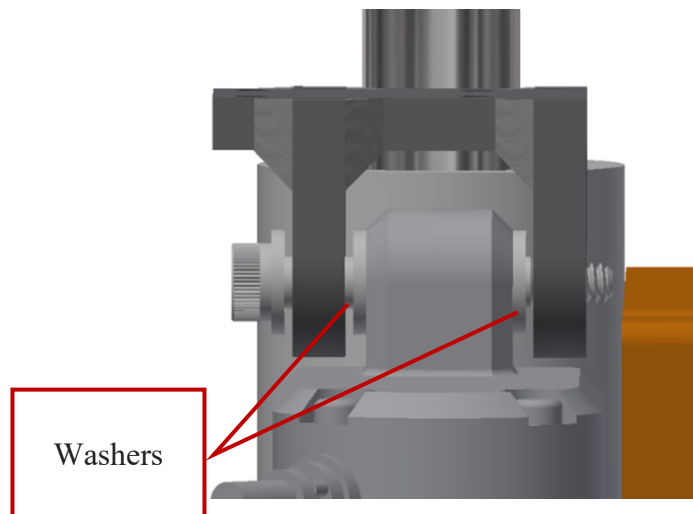
- If you lightly pull on the trigger finger housing and it still engages the limit switch.

## Part 1

1. Remove the Shoulder Screw from the Pop-up Pin Hanger Bracket.



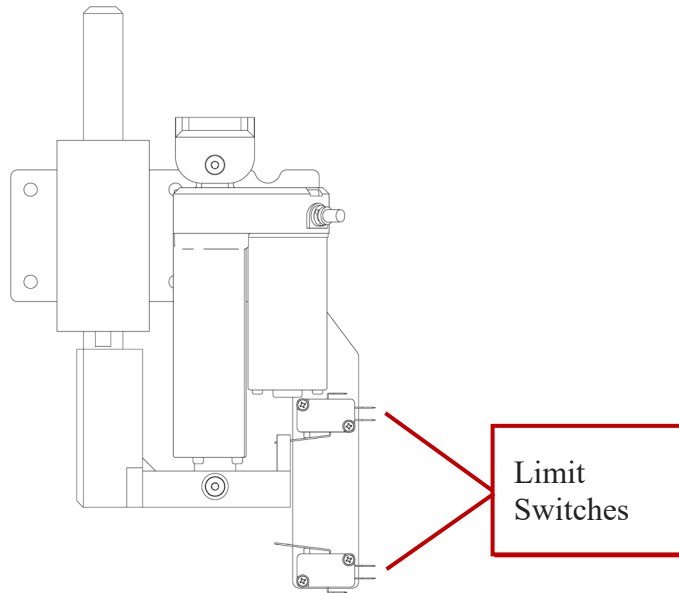
2. Reinsert the screws, adding in two washers (I.D. 0.281", O.D. 0.500", THK 0.064-.083" <https://www.mcmaster.com/98029A027/>) between the linear actuator and the bracket. Torque the screws to 29-32 in-lbs.



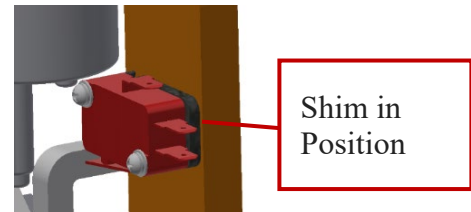
## Part 2

Most of the time the issue will be resolved by just performing Part 1. However, if the issue persists, you can perform the additional steps in Part 2.

1. Remove the screws from the Limit Switch.



2. Place a shim (JBW# 2006214) or two washers (I.D. 0.125", O.D. 0.250", THK 0.049-.068" <https://www.mcmaster.com/98029A024/>) between the Limit Switch and Pin Guide Plate.



3. Replace the limit switch screws with  $\frac{3}{4}$ " long screws (<https://www.mcmaster.com/90272A098/>). Torque to 4-5 in-lbs.