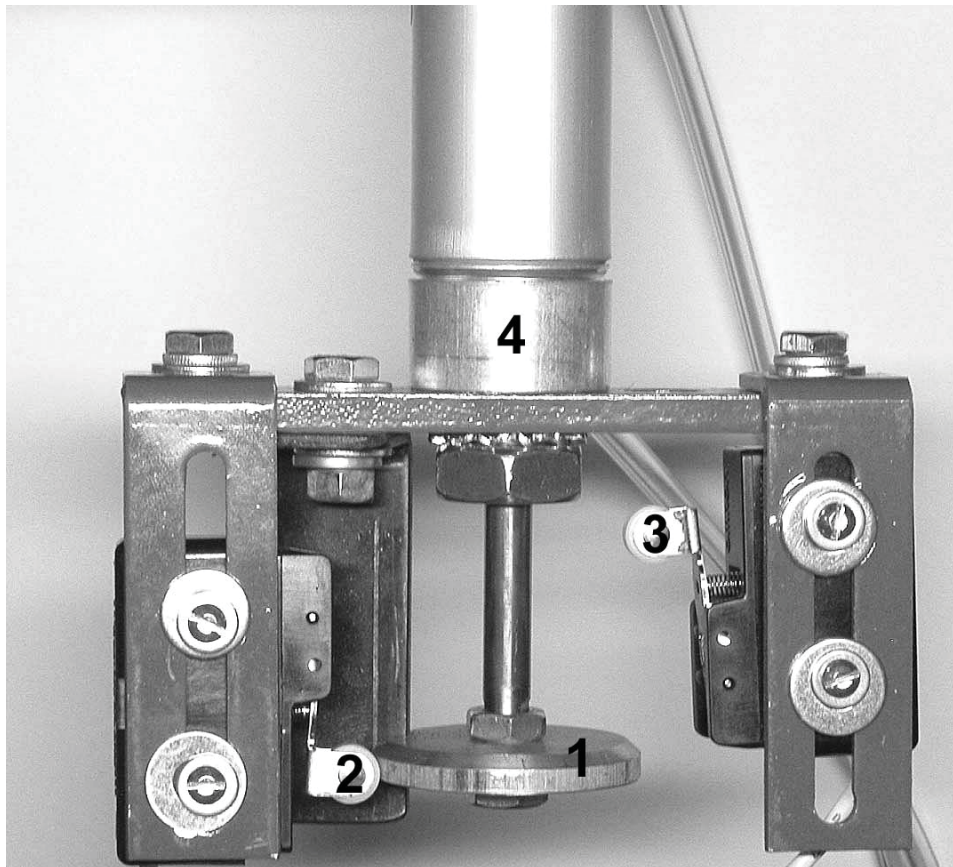
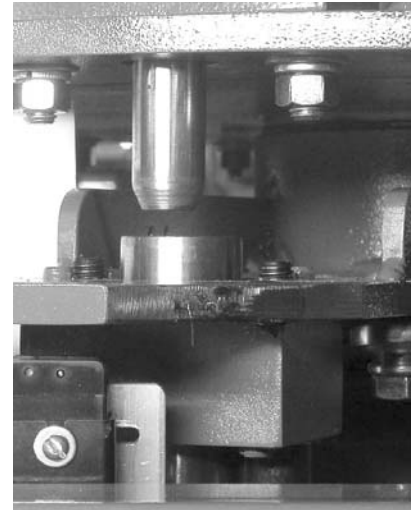
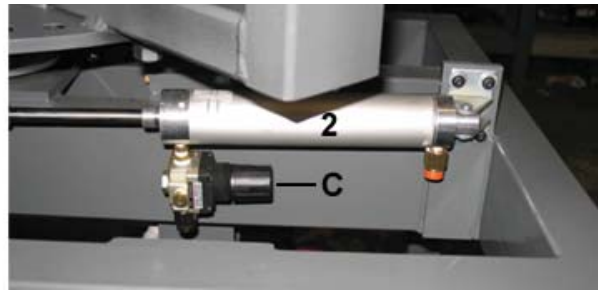
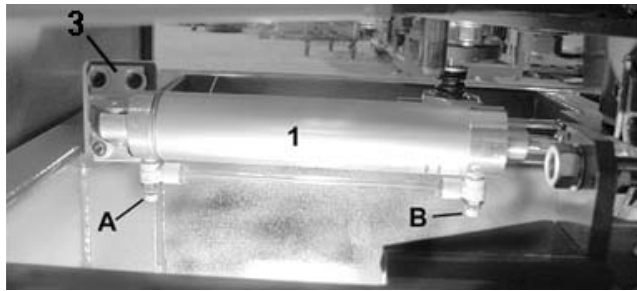


## Carousel Position Cylinder System:



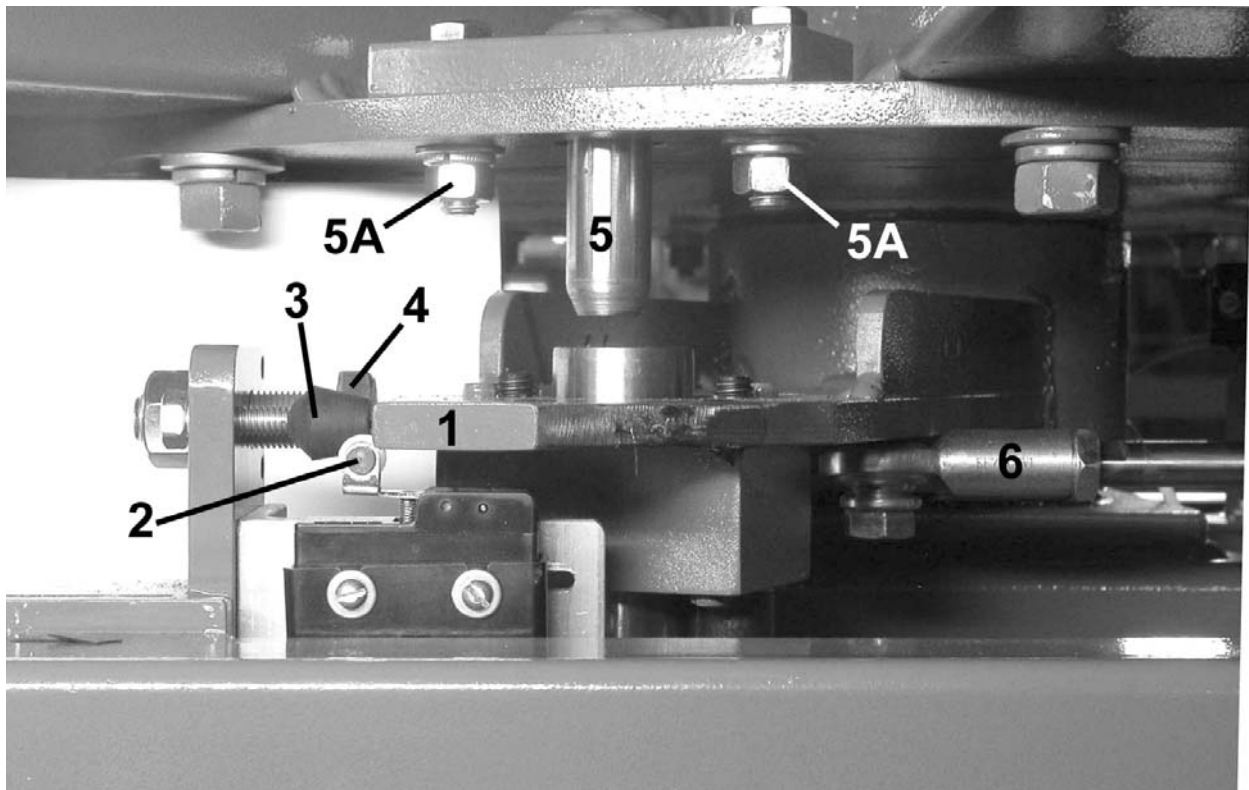
1. Cylinder Trigger Disk (#942-111-3)
2. Index Sleeve "Down" Limit Switch - Not on all models - makes index arm return home. (942-332-6)
3. Index Sleeve "Up" Limit Switch. In the automatic carousel mode, this needs to be depressed before the press will index. Troubleshooting message - check the wire connections on this switch. (#942-332-6)
4. Index Sleeve Cylinder (#942-318-4)

## Carousel Indexing System:



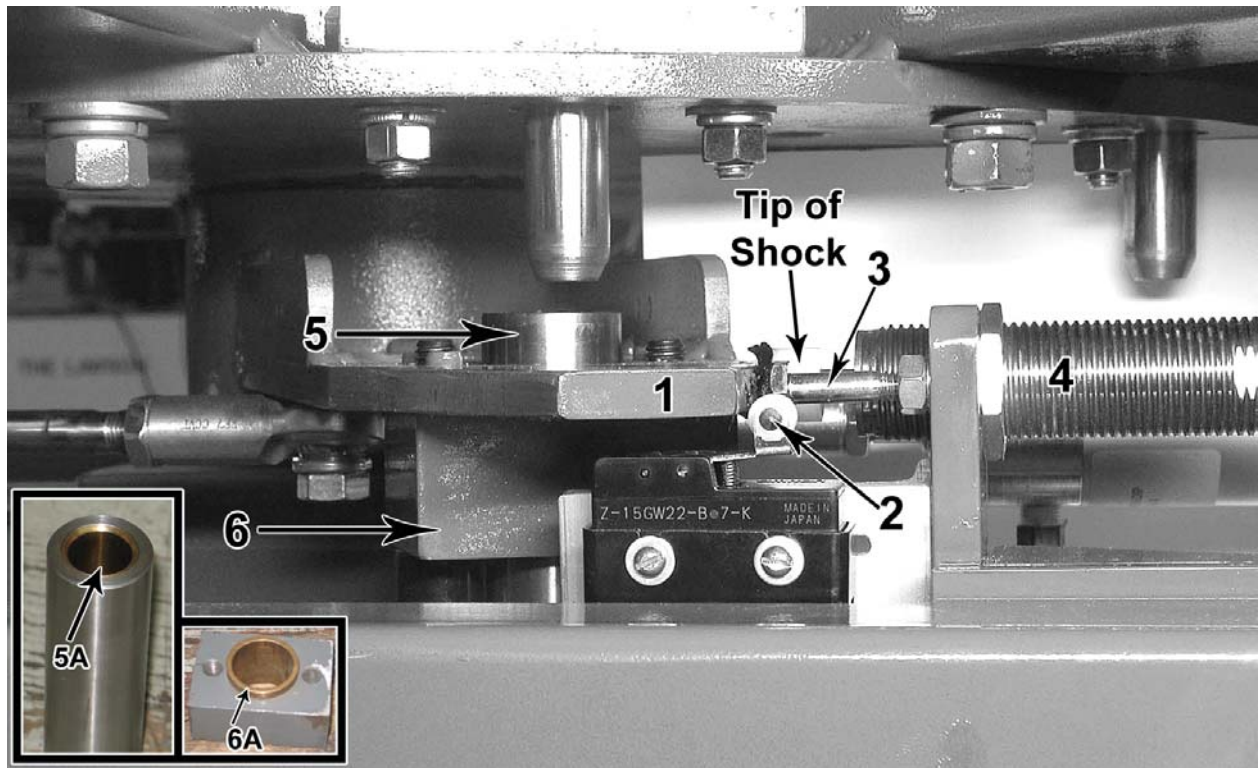
1. Left Side Carousel Index Cylinder #942-319-0 or Larger Cylinder #942-318-8
- A. Return Speed Adjustment of Index Cylinder
- B. Extend Speed Adjustment of Index Cylinder & Carousel (#942-318-5) B is option pending model.
3. Pivot Mount w/Pin #942-319-1

2. Right Side Drive Cylinder #942-319-0C. Index Speed Control #942-330-0  
Factory Set – Do Not Adjust

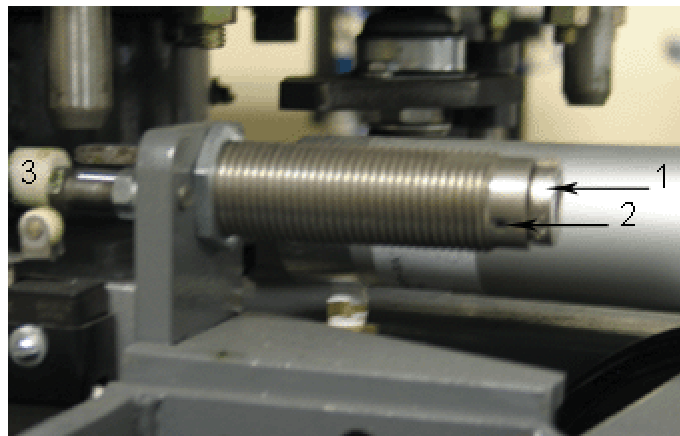


1. Index Arm
2. Indexer Position Retract Home Limit Switch
3. Bumper Stop Bolt #942-128-0
4. Hex Head Stop Bolt – Important adjustment relating to index cylinder not releasing from pin.
5. Index Pin
- 5A. Index Pin Adjustment Bolts
6. Rod End (RE07F)

## General Components Photo Listing:



1. Indexer Arm
2. Extend Limit Switch #942-332-6
3. Hex Head Stop Bolt
4. Shock Absorber size related to number of stations.
5. Indexer Sleeve #942-319-2
- 5A. Indexer Sleeve Bushing #942-319-3
- 6A. Sleeve Alignment Block with bushing #942-319-4
6. Sleeve Alignment Block

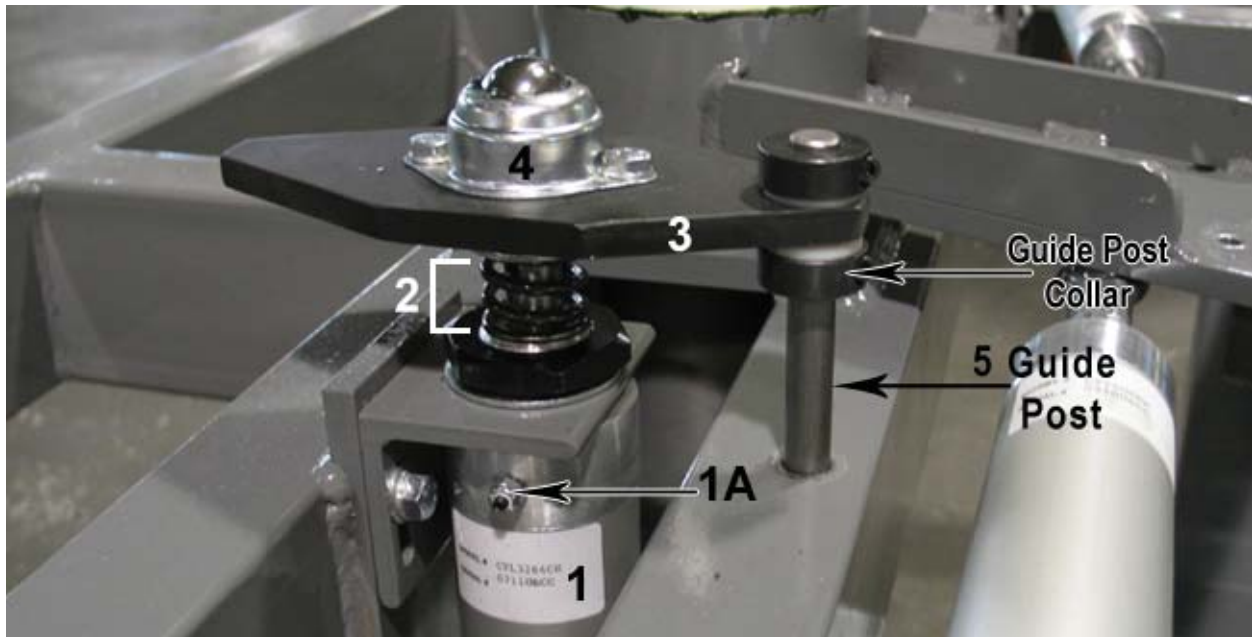


1. **Shock Absorber Adjustment Ring.** The Adjustment is extremely sensitive. Clockwise increases the strength of the absorber. If the Absorber is "bouncing" less Absorber strength is needed.

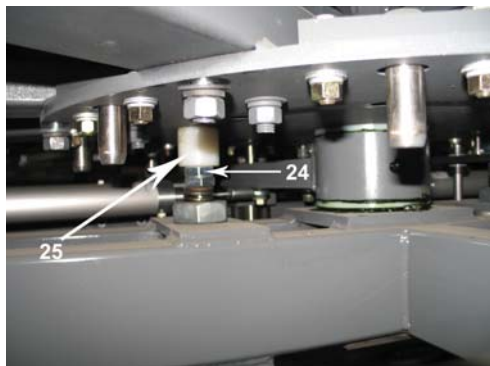
2. **Shock Absorber Adjustment Lock.** This Allen Screw must be loosened prior to adjusting the ring adjustment. Be sure to lock the bolt after the final adjustment.

3. **Shock Striker Pad**

## Express EX Lift Cylinder



- Item #1      There are two cylinders to lift the carousel arm platform. Size Related.
- Item #1A     Factory flow control to adjust the cushion speed of the lift cylinder.
- Item #2      Spring cylinder cushion. There is no adjustment for spring tension. Item #942-803-0
- Item #3      Detent pad. The final height of where the bearing makes contact with the print head deck plate is adjustable. Loosen the jam nut, spin the pad to the desired location and then tighten the jam nut. ***This factory setting should not be adjusted without consulting Lawson Service.***
- Item # 4     Roller bearing detent locator device. The bearing rests in each of the carousel arms' holes for quick platen alignment. Item #942-802-0
- Item # 5     If the bottom collar slips, the guide post can come out of the tube and not allow the carousel arm to drop down. To put the pin back into place, the carousel arm must be blocked in a "up position" so the arm cannot fall while the pin is installed back into the tube. Loosen the bottom collar to do this procedure.



View of 10 Station Lift Pad

# 24 - Lock Nut for final position of part #25.

# 25 - Pad Lift:  
 Small Size: #942-192-0  
 Large Size: #942-192-5