

Installation Instructions for Improved Air Cylinder

PROBLEM: Replacing of intercept cylinders.

The replacement cylinder has improved internal seals that prevent blow-by. The new cylinder is slightly longer requiring a modified claw and a single sponge washer.

REMOVAL:

- Step 1. Position stacking blade so that cam rollers are not in “home position” by rotating by hand the stacking selection in direction opposite to normal motion.
- Step 2. Loosen set screw designated “A”.
- Step 3. Turn cylinder stud “B” clockwise until cylinder is free of threaded block.
- Step 4. Remove both quick disconnect air lines observing which line goes where.
- Step 5. Cylinder can now be removed from stacker by pulling.

INSTALLATION:

- Step 1. Slip new assy into position, observing right and left unit. The assembly should slip into guides freely, if not detect problem and correct.
- Step 2. Using a long Allen wrench start the cylinder stud into the threaded block by turning it counter clockwise.
- Step 3. Adjustment- Once the stud has been partially threaded it is possible to adjust the position of the cylinder. By hand, pull the intercept fully forward so that the cylinder shaft is extended. Note that the “Track Face” and “Intercept Face” are in perfect alignment. If not adjust the stud position in or out to achieve alignment.
- Step 4. Once alignment is made it is necessary to lock set “A”. Caution is required, tighten the set screw lightly so that it does not deflect the cylinder causing unnecessary binding. If the set screw appears that it may loosen easily, apply a small amount of “blue” loctite.
- Step 5. Confirming that cylinder is free to move by pushing it back and forward. Reconnect air lines.

