

Shock Absorbers – Transfer Unit

The shock absorbers should be checked monthly. It is critical that the shock absorbers are properly adjusted to avoid excess wear and misalignment of gripper units.

Tools needed:

(2) 32mm wrenches.

> Removal

- Loosen nut A and remove it. Turn shock absorber B clockwise until it unscrews from holder C. Use one wrench to loosen nut D by turning counter clockwise while holding the stop limiter E with the other wrench. Remove D and E from shock absorber B.

Shock Absorbers – Transfer Unit

› Addition

- Place new shock absorber B into holder C half way. Add nuts A and D. Hand tighten A, then screw on stop limiter E.

› Adjustment

- Turn stop limiter E clockwise until the shock absorber's threads protrude approximately one fourth inch. Slide transfer to shock absorber B until it bottoms out. Holding transfer in bottomed out position, turn stop limiter E counter clockwise until it touches the transfer's stop.
- Slide the transfer out of the way to the opposite side. Note position of stop limiter E, continue to turn E counter clockwise for one half turn. Tighten nut D counter clockwise to lock stop limiter E into place. Slide transfer back to shock absorber B and verify that it is not bottoming out.

Shock Absorbers – Transfer Unit

- The grippers are more than likely not aligned. Loosen nut A, while holding the transfer unit up against stop limiter E, turn shock absorber B clockwise or counter clockwise until the gripper assemblies align. Tighten nut A counter clockwise against holder C to hold shock absorber B in place.

KOMAX 42T

Shock Absorbers – Transfer Unit

