

KOMAX 40 Series

Shock Absorbers

If the shock absorbers are adjusted correctly, they can last for more than one million strokes. The most important thing to remember is to never let shock absorbers bottom out. The purpose is to decelerate the fast moving motion of the gripper heads. The mechanical stop is provided by the piston inside the cylinder, not the shock absorber.

The proper procedure to adjust a shock absorber is as follows:

- After replacing the worn out shock absorber, manually push the gripper head into the in-line position. Reset the machine and turn the shock absorber until it bottoms out.
- Turn it counterclockwise for about a half turn. Tighten the lock nut securely.

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- Next run the machine in automatic and check the gripper head for vibration when it reaches its position. If there is noticeable vibration, continue turning the shock absorber clockwise for a quarter of a turn
- After readjusting, securely tighten the lock nut again before resetting the machine and running it in the automatic mode.

Note: Do not let the shock absorber bottom out -- it will drastically reduce its lifetime.