**Steve's Hints 2 Actuator / Linkage Adjustment**

**Duty Cycle** what is it and why be concerned?

<https://www.groschopp.com/duty-cycle-need-know/>

Why worry about stroke length or travel when replacing an actuator? Real simple, you only want it to push to the amount of travel of the damper or other load! If the actuator has more stroke length that the needed amount it WILL NOT STOP until!

1. It burns out trying to push on a hard stop
2. The linkage bends or breaks
3. The attachment point is broken

**Duff-Norton SPA Actuator 2,000 pound**

[**https://www.cmco.com/en-ca/products/power-and-motion-technology/actuators/linear-actuators/spa-series-2000-lbs/**](https://www.cmco.com/en-ca/products/power-and-motion-technology/actuators/linear-actuators/spa-series-2000-lbs/)

**EA 71 High Torque Actuator**

[**https://www.eurotherm.com/download/instruction-manual-ea-series-electric-high-torque-actuators/**](https://www.eurotherm.com/download/instruction-manual-ea-series-electric-high-torque-actuators/)

**Linkage Adjustment** by lever length adjustments for degrees of rotation.

****