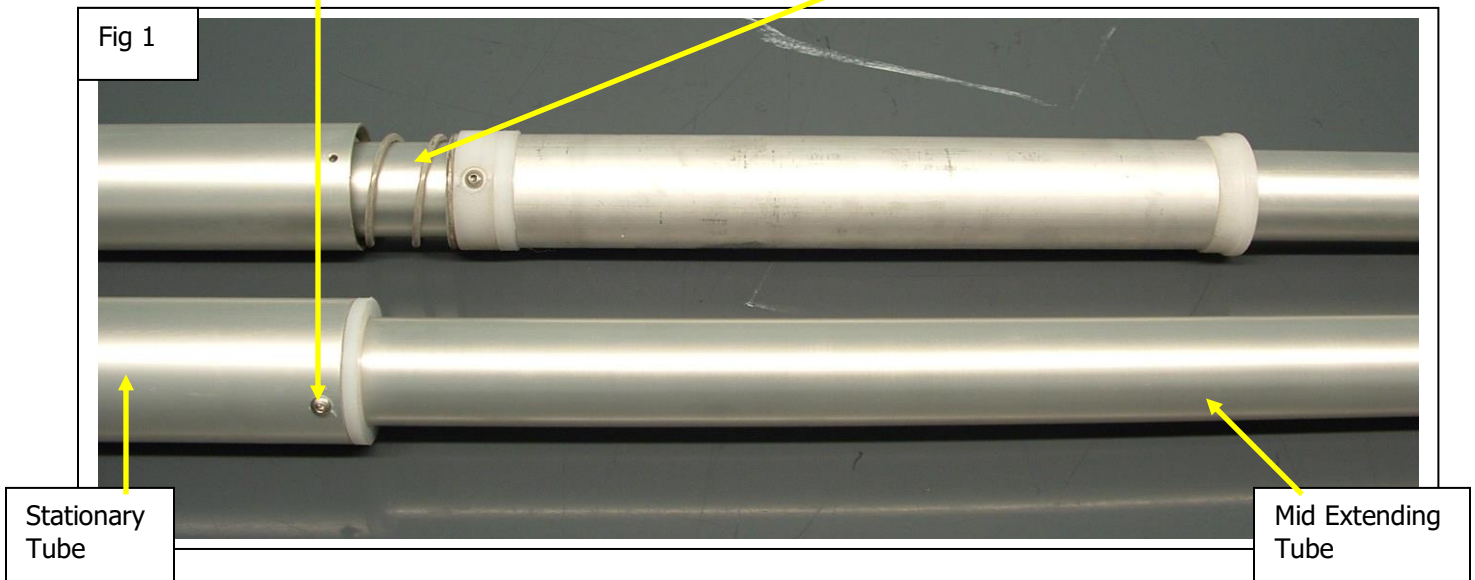


SureShade – MTF Spring Greasing

Remove the Mid Extending Tube – with the actuators in the fully extended position, perform the following steps to remove the Mid Extending Tube in order to grease spring components and reassembly. **IMPORTANT!! Actuators are spring-loaded. Therefore, be sure to extend the shade to full extension before starting to take apart actuators – at full extension, the actuators will have very low compression (pressure).** Remove crossbars and begin the maintenance.

To remove the Mid Extending Tube, remove the two button head screws 180 degrees apart on the stationary tube. **Caution: once screws are removed the compression springs will want to push the extending tubes out of the stationary tube.**

Once the Mid Extending Tube is removed from the stationary tube, you will have access to the large spring. Apply grease to the entire length of the spring on the outside diameter of the spring.

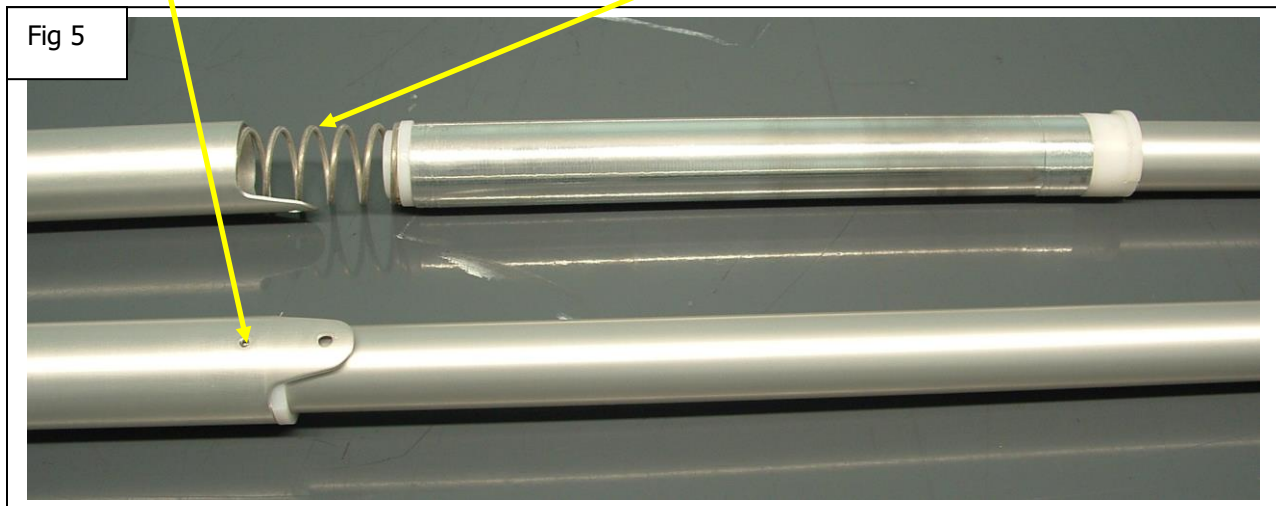


Reinstall the Mid Extending Tube into the stationary tube the same way you took the actuator apart to grease the springs in this actuator stage. **Be sure to use Loctite on screws when reinstalling.**

Removing the Small Extending Tube

Next remove the set screw on the mid extending tube to remove the small extending tube. **Caution:** once the screw is removed the compression springs will want to push the extending tube out of the mid extending tube.

Once the Small Extending Tube is removed from the Mid Extending Tube, you will have access to the small spring. Apply grease to the entire length of the spring on the outside diameter of the spring.



Finish reassembly by installing the components the same way you took the actuator apart to complete the updating of this actuator stage. **Be sure to use Loctite on screws when reinstalling.** Reattach crossbars and install the canvas to complete the Maintenance.

