

# Instruction Sheet: Pendant Arm

## Spring Assembly Replacement Instructions

**Tools required:** 7/32 Drift Punch  
5/64" Hex wrench

### Note

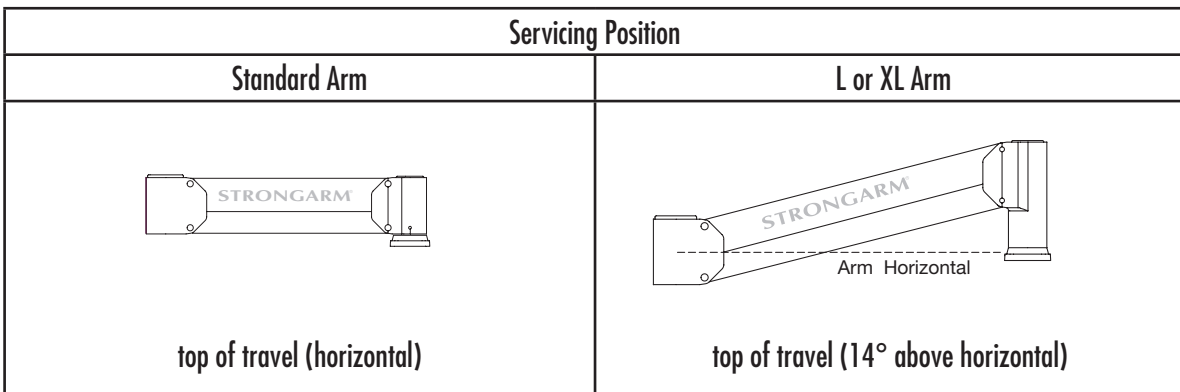
The enclosure weight on the arm must be supported by an alternate method when adjustments are being made.



### Warning

The Pendant Arm uses pressurized gas springs as the counterbalancing force for the vertical repositioning feature of the arm. Personnel should not be under the arm at any time while performing adjustment procedures. Personal injury could result.

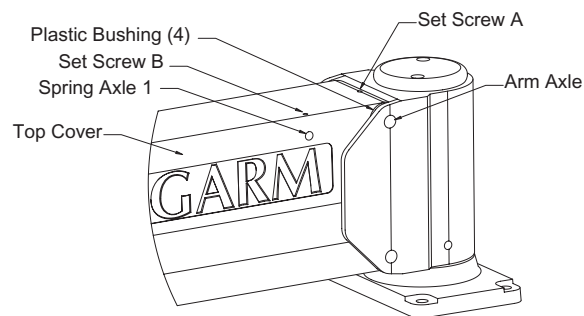
1. Raise the arm to the servicing position.
2. Support enclosure or other weighted device. The gas springs should be completely unloaded for servicing.



**Figure 1 Position for Servicing**

### Disassembly:

3. Unscrew the set screws A and B (approximately five turns). Do not remove screws.



**Figure 2 Location of Set Screws and Axles**

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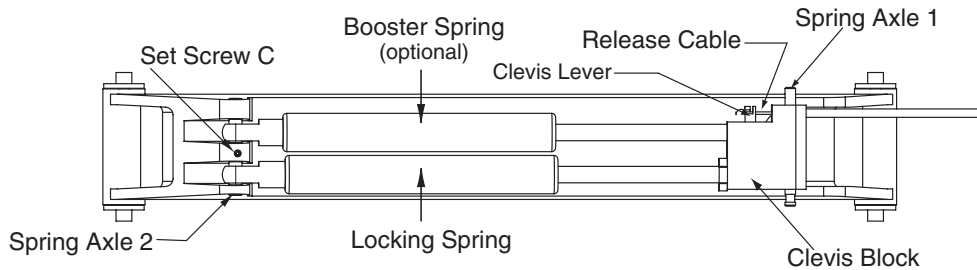
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4. With the arm unweighted, remove Arm Axle 1 by lightly tapping with a drift. Tilt the arm end (and enclosure, if installed) toward the arm. Retain the plastic bushings.
5. Remove Spring Axle 1 by lightly tapping with a drift.
6. Raise and tie up the top cover as high as possible to expose spring assembly.
7. Remove the cable from the clevis lever by pulling the cable sheath out of the slot in the clevis block and turning the cable 90°.



**Figure 3 Inside View of Pendant Arm with Top Cover Removed**

8. Remove Spring Axle 2 by loosening (but not removing) set screw C (about 4 turns) and gently tapping axle out.
9. Remove damaged spring assembly and replace with new spring assembly.

### Re-assembly

10. Replace Spring Axle 2 and tighten set screw.
11. Install release cable into clevis lever with 90° motion.
12. Slide release cable sheath into clevis hole. Sheath should set in approximately ¼" into clevis block.
13. Install Spring Axle 1 through top cover and clevis block. Lower the top cover to carefully align hole in top cover with hole in clevis block. (This may require the arm being lowered slightly.) Axle should slide in place with finger pressure. Do not force axle in place. Tighten set screw B.
14. Replace Arm Axle 1 and plastic bushings. Tighten set screw A.
15. Carefully remove support from arm and check for proper operation of release handle. Perform **Release Cable Adjustment** as necessary.