



## **MASON INDUSTRIES, Inc.**

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## **PC30N SPRING HANGER ASSEMBLY INSTRUCTIONS**

**DATE: 8-9-02**

**DRAWING NO. F-242665**

1. **Assemble the hanger by inserting the lower neoprene cup, spring and upper steel cup into the hanger box.**
2. **Thread a lock nut on to one end of the threaded rod. There should be approximately two threads sticking out from the top of the lock nut.**
3. **Insert the threaded rod with a lock nut through the upper steel cup passing out through the lower neoprene cup and lower portion of the hanger box. The lock nut should be on top of the upper steel cup.**
4. **Slide the pre-compression plate with neoprene washer on the threaded rod until it contacts the underside of the hanger box. The neoprene washer should be in contact with the hanger box. Thread a full nut up the threaded rod until it is tight to the pre-compression plate.**
5. **Put the hanger box in a vise or clamp it to a table.**
6. **Compress the spring element by holding the lock nut and turning the lower full nut clockwise. Compress the spring assembly until you have reached the dimension of the spring assembly as shown on drawings F-240222 through F-240225.**
7. **The dimension of the threaded rod sticking out of the bottom of the hanger box is for reference only, as the spring compression dimension is the critical dimension.**
8. **Unclamp or take the hanger box out of the vise.**

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