



## **MASON INDUSTRIES, Inc.**

*Manufacturers of Vibration Control Products*

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# **1" (25mm) RW30N & RWDNHS SPRING HANGER INSTALLATION INSTRUCTIONS**

**DATE: 8-1-07**

**DRAWING NO. A-30505**

- 1. Install equipment in its operating position, temporarily supported with rigging as required.**
- 2. Install a full nut and washer tight to the underside of the structure on the upper rod .**
- 3. Attach the hanger box to the upper rod with the upper seismic rebound washer on top of the hanger box. The seismic rebound washer should be installed tight to the full nut that was installed on the underside of the structure. The rubber side of the seismic rebound washer should be facing the hanger box. (the rubber element of the hanger will deflect creating an operating clearance when the operating weight is applied)**
- 4. Install a full nut and the lower seismic rebound washer on the lower rod. The rubber side of the seismic rebound washer should be facing the hanger box. Pass the lower rod through the bottom of the hanger box, the spring and the spring top cup. Install a full nut on the lower rod on top of the spring cup.**
- 5. Attach the other end of the lower rod to the equipment.**
- 6. After the system is at its operating weight adjust the springs by turning the nut on top of the spring clockwise to load the spring. Adjust the springs until the equipment lifts off the support rigging.**
- 7. Rigging may be removed after the springs have been adjusted.**
- 8. Check all hangers to insure there is a 1/4"(6mm) clearance between the upper seismic rebound washer and the underside of the full nut that was attached tight to the structure. If not, turn the nut inside the hanger box on the rubber element to adjust.**
- 9. Level equipment by taking additional turns at the low corner or side of the lower rod only.**
- 10. Check all hangers to insure there is a 1/4"(6mm) clearance between the lower seismic rebound washer and the underside of the hanger box. If not, turn the nut under the seismic rebound washer to adjust.**

DWN: JT

CHKD:

DATE: 8-1-07