VIBRO-ACOUSTICS by Swegon

MEMBER VISCMA

tel: 416-291-7371 1-800-565-8401
fax: 416-291-8049 1-888-811-2264

web: www.vibro-acoustics.com
eml: info@vibro-acoustics.com

Pre-Positioning Spring Hangers with Neoprene Installation Instructions

SHRP

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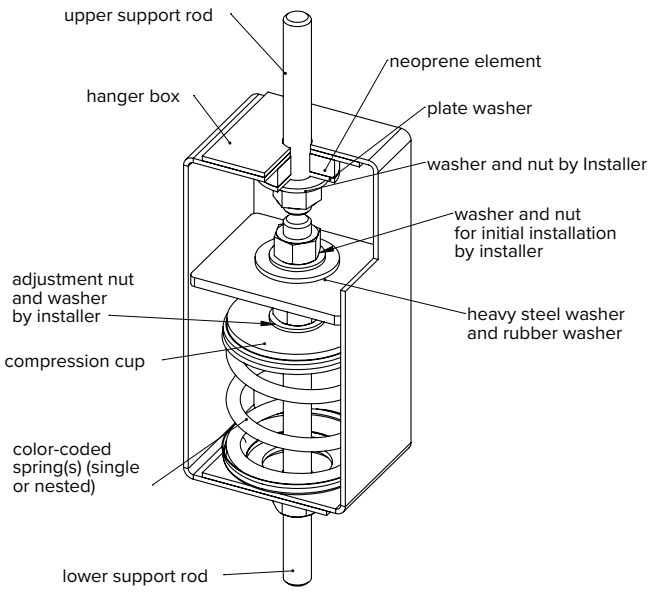
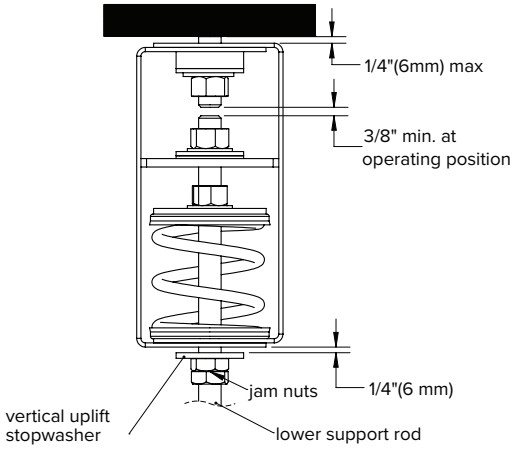


Fig. 1



INSTRUCTIONS

Identify and Locate Hangers
1. Refer to the submittal drawings to accurately locate each spring hanger. Use the hanger model number and spring color(s) for identification.

Attach to Structure
2. Secure the spring hanger to the upper threaded rod, which should already be attached to the building structure.

Install Seismic Restraint (If Required)
3. Position the hanger box 1/4" away from the structure.

4. Install a vertical uplift stop washer and the associated jam nuts on the lower support rod. Refer to Fig. 1 for proper configuration.

Align and Prepare Lower Support Rod
5. Center the lower support rod in the bottom hole of the hanger box. Attach it to the positioning plate using a nut and washer, passing through the heavy steel washer and rubber washer provided with the spring hanger. Ensure an adjustment nut and washer are included for future spring height adjustments.

Attach Load
6. Connect the pipe or equipment to the lower threaded rod.

Apply Final Load
7. Bring the pipe or equipment to its final operating weight.

Adjust the Isolator
8. Begin adjusting the spring isolator using the adjustment nut.

Verify Load Transfer
9. Adjustment is complete when the load is fully supported by the springs and the temporary nut and washer on top of the positioning plate become loose.

Final Clearance Check
10. Ensure the support rod is not touching the hanger box at the lower hole. Confirm the hanger box is not in contact with the structure. For seismic restraint applications, maintain a 1/4" clearance between the hanger box and both the structure and the vertical uplift stop washer (see Fig. 1).