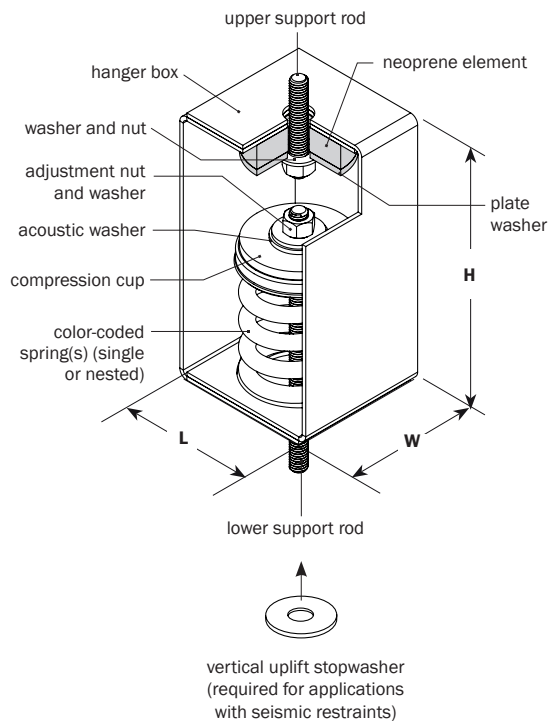


## INSTRUCTIONS

Model shown with cut-away



### Option A: After system/equipment has been hung

1. Hang all piping, ductwork, and equipment and bring to operating weight. Ensure sufficient space is left for hanger isolators to be installed.
2. Properly locate each hanger in the submittal drawing using hanger model and spring color(s) as identification.
3. Provide temporary support as required to allow support rods to be cut.
4. Cut support rods, removing about 1" of rod, and install hangers, aligning rods in the center of each hole. Add washers and nuts as appropriate. For seismic restraint applications, position the hanger 1/4" away from the structure, and install a vertical uplift stopwasher and associated jam nuts on lower support rod (fig. 1 and 2).
5. Turn the adjustment nut until temporary supports can be easily removed. Do not overload hangers, however. Temporary supports may need to be left in place until further isolators are installed.
6. When adjusting isolators on a pipe run or equipment, be sure to load the hangers proportionally – an example of an adjustment sequence is shown below.
7. After adjustment is complete, be sure the support rod is not touching the hanger box at the lower hole and hanger box is not in contact with structure. For seismic restraint applications, ensure the clearances between the hanger box and both the structure and vertical uplift stopwasher are 1/4" (fig. 1 and 2).

### Option B: Before system/equipment is installed

1. Properly locate each hanger in the submittal drawing using hanger model and spring color(s) as identification.
2. Attach spring hanger to upper threaded rod attached to structure.
3. If seismic restraint is required, install the hanger box 1/4" away from the structure and install a vertical uplift stopwasher and associated jam nuts on lower support rod (see fig. 1 and 2).
4. Align support rod in center of the lower hole and attach to compression cup.
5. Attach duct, pipe or equipment to lower threaded rod.
6. Adjust duct, pipe or equipment level with the adjustment nut. Be careful not to overload any one hanger – load hangers proportionally.
7. Bring equipment or pipe to its final operating weight before making any further adjustments.
8. When adjusting isolators on a pipe run or equipment, be sure to load the hangers proportionally – an example of an adjustment sequence is shown below.
9. After adjustment is complete, be sure the support rod is not touching the hanger box at the lower hole and hanger box is not in contact with structure. For seismic restraint applications, ensure the clearances between the hanger box and both the structure and vertical uplift stopwasher are 1/4" (fig. 1 and 2).

### For Applications with Seismic Restraints Only

fig. 1

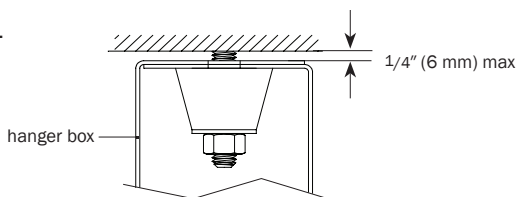
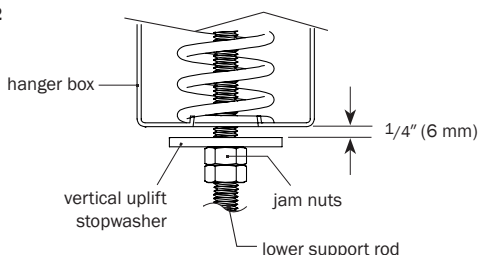
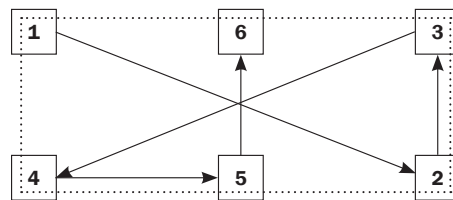


fig. 2



### Isolator adjustment sequence example



Isolator adjustment sequence is similar for other quantities and configurations.