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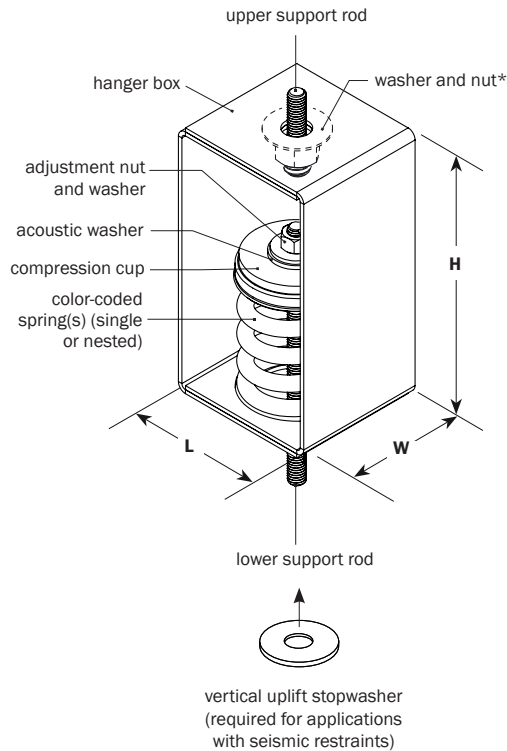
## INSTRUCTIONS

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

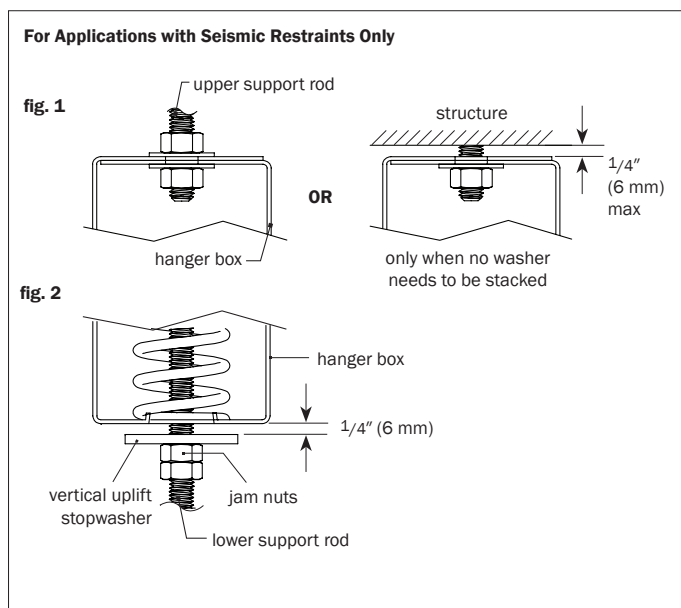
1. Hang all piping, ductwork, and equipment and bring to operating weight. Ensure sufficient space is left for hanger isolators to be installed.
2. Properly locate each hanger in the submittal drawing using hanger model and spring color(s) as identification.
3. Provide temporary support as required to allow support rods to be cut.
4. Cut support rods, removing about 1" of rod. Install hangers, aligning rods in the center of each hole. Add washers and nuts as appropriate, including vertical uplift stopwasher and associated jam nuts as required for seismic restraint applications (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 if included, the vertical uplift stopwasher clearance is 1/4" (fig. 2).

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

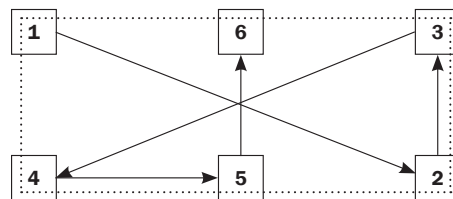
1. Properly locate each hanger in the submittal drawing using hanger model and spring color(s) as identification.
2. Attach spring hanger to upper threaded rod attached to structure (see fig.1 for applications with seismic restraints).
3. If seismic restraint is required, install vertical uplift stopwasher and associated jam nuts on lower support rod (fig. 2).
4. Align support rod in center of the lower hole and attach to compression cup. Attach duct, pipe or equipment to lower threaded rod.
5. Adjust duct, pipe or equipment level with the adjustment nut.
6. Bring equipment or pipe to its final operating weight before making any further adjustments. Be careful not to overload any one hanger – load hangers proportionally.
7. 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.
8. After adjustment is complete, be sure the support rod is not touching the hanger box at the lower hole, and if included, the vertical uplift stopwasher clearance is 1/4" (fig. 2).



\* For upper support rods that are 5/8" diameter and smaller, use 5/8" USS wide washers at the housings. If smaller washers are needed, use wide washers (USS) and stack them. Washers by others.



### Isolator adjustment sequence example



Isolator adjustment sequence is similar for other quantities and configurations.