

## Installation Instructions for Spring Hangers

### NON-SEISMIC INSTALLATIONS

1a) Check the Spring Hanger model, it must correspond to the technical requirements of the installation.

2a) Check chart below for the maximum recommended rod diameter for each type of hanger.

Hanger Type	HA-S	HB-S	HC-S	HD-S
Rod Ø	3/8"	1/2"	5/8"	3/4"

3a) Position the Spring Hanger according to the submittal drawings and attach Spring Hanger's frame to the upper rod as per figure A.

4a) Install the lower rod through spring and elastomer cups and secure the lower rod with the leveling nut and washer as per figure A.

5a) Attach equipment to the lower rod as per figure B.

6a) Check alignment between the hole in the bottom of the elastomer cup and the lower rod. Make adjustments if/when needed.

7a) Level the system using leveling nut and/or nuts holding suspended equipment.

#### Note:

\* All fasteners (threaded rods, bolts, nuts, and washers) are supplied by others.

Fig. A

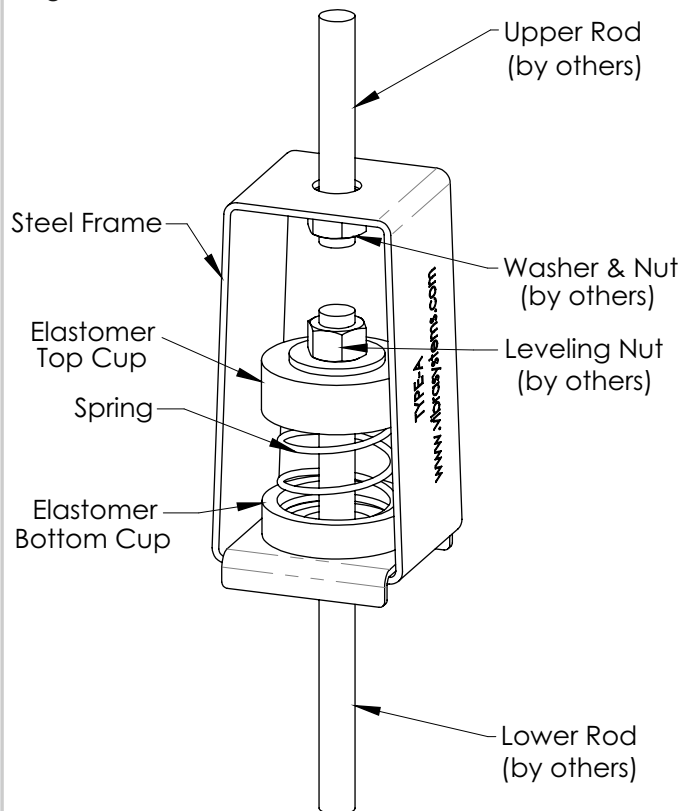
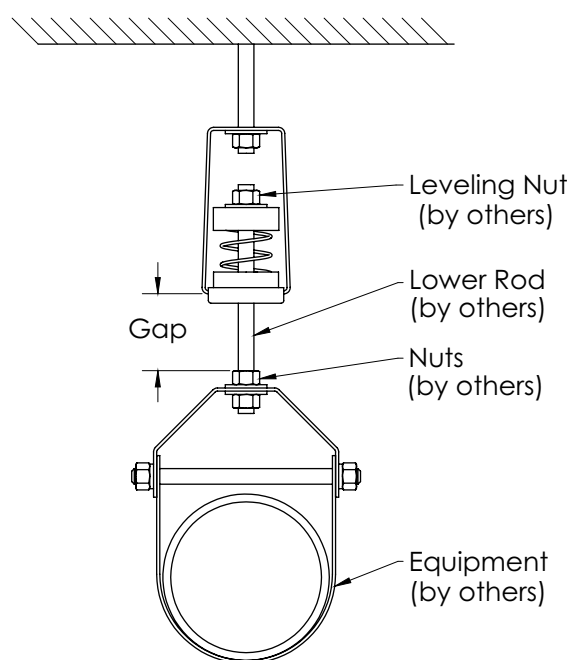


Fig. B



## Installation Instructions for Spring Hangers

### SEISMIC INSTALLATIONS

1b) Check the Spring Hanger model, it must correspond to the technical requirements of the installation.

2b) Check chart below for the maximum recommended rod diameter for each type of hanger.

Hanger Type	HA-S	HB-S	HC-S	HD-S
Rod Ø	3/8"	1/2"	5/8"	3/4"

3b) Position the Spring Hanger according to the submittal drawings and attach Spring Hanger's frame to the upper rod as per figure C and figure D.

- i) Clearance between the Spring Hanger's frame and the Seismic Washer must be approximate 3/16" (figure C).
- ii) Clearance between the Spring Hanger's frame and the suspension structure must be approximate 3/16" (figure D).

4b) Install the lower rod trough spring and elastomer cups and secure the lower rod with the leveling nut with washer as per figure C.

5b) Install the seismic washer and nut on the lower rod below Spring Hanger's frame. The seismic washer outside diameter must be larger than the Spring Hanger's frame's bottom hole diameter.

6b) Attach equipment to the lower rod as per figure D.

7b) Check alignment between the hole in the bottom of the elastomer cup and the lower rod. Make adjustments if/when needed.

8b) Level the system using leveling nut and/or nuts holding suspended equipment. Adjust the lower additional seismic nut until the washer has 3/16" clearance to the Spring Hanger's frame.

#### Note:

\* All fasteners (threaded rods, bolts, nuts, and washers) are supplied by others.

Fig. C

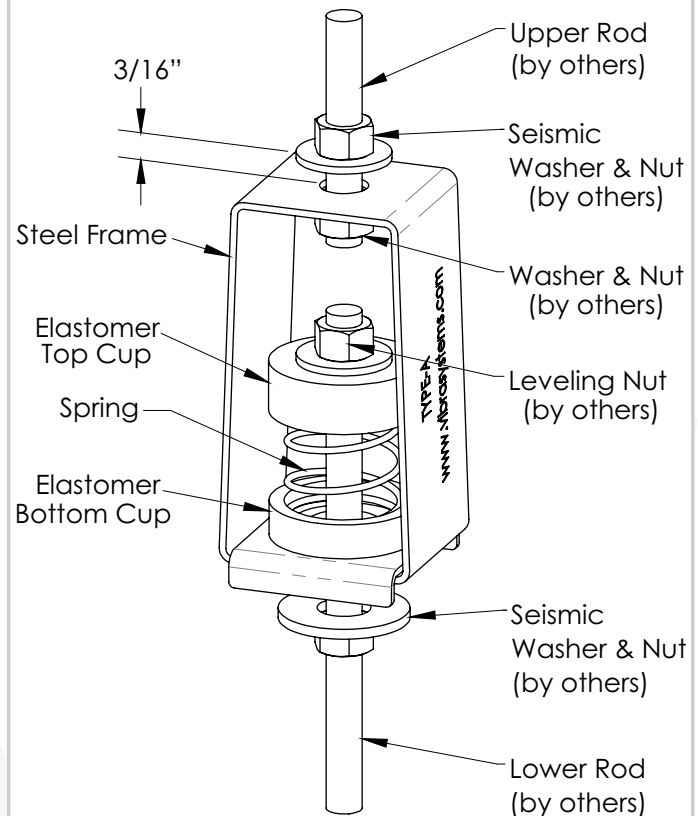


Fig. D

