

Installation Guide

MP-1.5NPT-GSA

GIMBAL STRUT ADAPTER



The MP-1.5NPT-GSA Gimbal Strut Adapter adapts a standard off-the-shelf 1.5-11.5 NPT and NPS pipe to Unistrut channels. The MP-1.5NPT-GSA can also be installed to 6"-10" Laminated Wood Beams using the BC-GSA-100 Mounting plate (sold separately).

Contents:

Be sure that all of the following items are included in this kit before proceeding:

| | | | |
|-------|-----------------------------|-------|-------------------|
| 1 pc | Gimbal Strut Adapter | 2 pcs | Nyloc nut, 1/2-13 |
| 2 pc | 3/8" Flat Washer | | |
| 1 pcs | Instruction Sheet | | |
| 2 pcs | 2 pcs Flange bolt 1/2-13x2" | | |
| 2 pc | Retainer nut, 1/2-13 | | |

NOTE: Screws, bolts, and washers to attach gimbal tube adapter to the structure are not included

Installation Procedure:

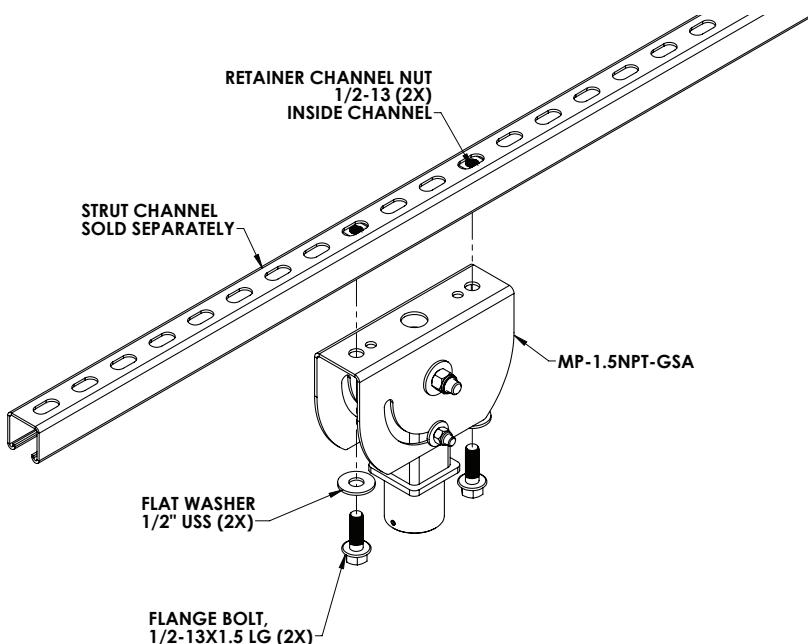
Step 1:

Attach the gimbal tube adapter to the strut channel using the provided 1/2-13 x 1.5" long flange bolt, 1/2-13 retainer nut, 1/2 flat washer (2X). Make sure that the retainer nut's groove lands into the strut channels flanges (Figure 1). Position gimbal strut adapter to selected location then tighten bolts permanently.

Step 2:

Loosen the bolts on the gimbal strut adapter so the pivot bracket can rotate easily.

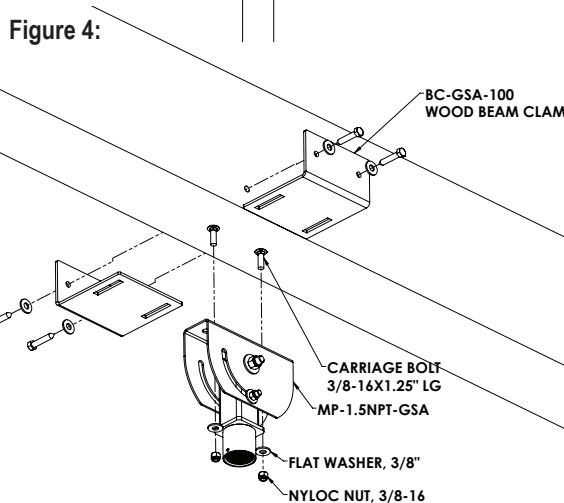
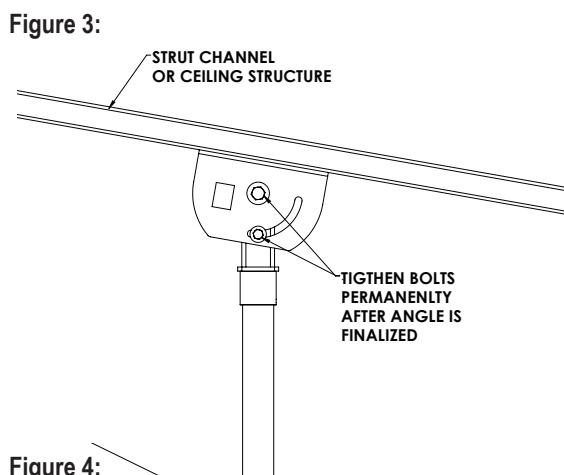
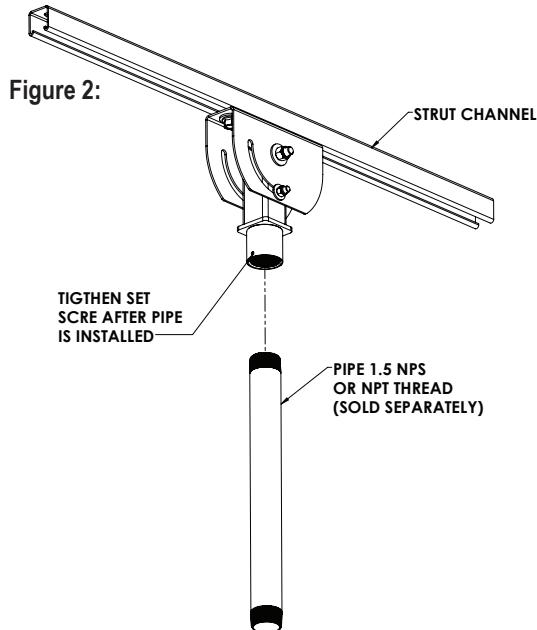
Figure 1:



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Step 3:

Loosen the Set screw on the coupling. Attach $\frac{1}{2}$ " NPT or NPS pipe to the gimbal adapter coupling. At least $\frac{1}{2}$ " length of the pipe's threads should go inside the coupling. Lock pipe by tightening the set screw (Figure 2).

Step 4:

Loosen bolts on the MP-1.5NPT-GSA just enough for the pivot to rotate. Set the angle of the pivot and pipe assembly then tighten bolts permanently (Figure 3).

Step 5:

Attach bracket to the $\frac{1}{2}$ " npt pipe. Refer to Speaker brackets installation guide.

Step 6:

Optional BC-GSA-100. See BC-GSA-100 for installation.

Step 7:

Install safety cable to the structure and then attach the other end of the safety cables to the speakers to bypass the mounting system. Attachment to structure must be able to support 5 times the weight of the speaker and speaker mounts.

Note to installers:

Due to the wide variety of wall structures, materials and mounting methods, the installing contractor must exercise proper judgment in selecting the mounting area and hardware.

As a guide, the installation, when complete should be capable of supporting 5 to 10 times the actual applied load. Always use a backup safety system such as a safety cable.

To assure a trouble-free installation, read through and follow these instructions carefully before beginning. If you have doubts about the integrity of the structure you are mounting to or you are not sure about the proper hardware to use, consult a structural and/or hardware specialist.