



## Americus Installation Guidelines

Every successful installation begins with good planning and action. This guide will give you a general outline of best practices when installing a Federal Brace part.

*This installation guide should be considered a help sheet that provides considerations about the general characteristics of an installation. Please consult a professional for questions specific to your project.*

Before beginning installation, gather the necessary materials: 1/4" and 5/16" hex lag screws or the provided wood screws, a bubble level, pencil, tape measure, and a drill with appropriate bits.

Start by identifying stud locations within the wall framing—this installation should typically be done during the pre-drywall phase. It's essential that The Americus Brackets align directly with between studs to ensure maximum strength and stability. Also, the Americus bracket is recommended for installation for every other stud, exceeding no more than 40" in-between support arms.

Position the Americus bracket centered within your studs and resting on top of your stud base (see diagrams on page 2). A level should be used to check both vertical and horizontal alignment for accuracy. Install the 5/16" fasteners into the 4 holes in the base mounting plate. These fasteners are included in your product purchase.



Next, position your tipping plate above your bracket so that the plate acts as a barrier to prevent the bracket from falling forward. It may be important to use a level again prior to installing your tipping plate as the bracket without the plate in place can deflect forward slightly even with the base plate fasteners installed.

Drill pilot holes into the studs using the holes on your tipping plate. (Pre-drilling your holes help to prevent the wood from splitting) Then secure each side of the tipping plate bracket using the provided 1/4" fasteners. After fastening, check that every bracket is tightly secured and does not shift under pressure.

*\*If installing on every stud opening, lag bolts may be necessary as opposed to the provided fasteners*

Now, you have your bench bracket in place and can finish the area with drywall or intended wall covering. install your own bench over the forward flange or on top of the forward flange.

Finally, you can install a bench of your choosing over top of the forward flange. We typically recommend using silicone or other construction adhesives to adhere a surface to our metal brackets.

