



## SUTHERLAND BENCH BRACKET INSTALLATION INSTRUCTIONS

Every successful bracket installation begins with good planning and action. Do not wait until the last minute to order your supports, fasteners or adhesives for installation. Make sure that all aspects of the support substructure are considered and discussed to ensure that your bracket installation will be smooth and that your support products will be sufficient.

*Note that this installation document should not be considered a specific recommendation for your particular application. Federal Brace cannot provide installation guidelines to meet the particulars of every application. This document should be considered a help sheet that provides considerations about the general characteristics of a particular type of support and installation.*

### Characteristics of the Sutherland Bench Support Bracket

Our Sutherland Bench Support Brackets provide superior support in a clean, aesthetic look. The inwardly sloped gusset gives the bracket strength to support nearly any application while giving it a sleek look. The Sutherland Bench Support is made of 1/4" Steel or Stainless Steel.

### Considerations when Installing Sutherland Bench Support Brackets

Whenever installing Bench / Banquette Brackets make sure that you are tying into a minimum of 2" support structure. You will want the fasteners to have as much "biting" material as possible. This will provide for a secure fastening of the brackets. Also, the supporting substructure must be tied into the floor. Remember, a weak substructure makes for a weak installation.

If your substructure is made of wood, we suggest with a lag screw for fastening of your supports. If a masonry substructure is used, a fastener anchoring system will be needed. Make sure that whatever fasteners are used that they provide adequate and stable securing of the supporting brackets.

With the substructure in place and sturdy, measure out your bench bracket pattern. We suggest that you space the 10" and 14" brackets no greater than 30" apart and the 16" bracket no greater than 18" apart on a standard application. Once you have your bracket support pattern laid out you can attach your first bracket to the substructure. Make sure that when you fasten the Bench Bracket that you check for level in all directions. The bracket should be straight up and down and be level across the top flange as well as down the top flange. This will give the best possible support result to your seat. If necessary, shims can be placed directly behind the down flange or you may slightly plane the support stud to allow for the bracket to sit flush and level.

Once your first bracket is in place you can now add the additional support brackets making sure that you check them - the same way you checked the first. Also, use a level to test each successive bracket installed to make sure that the whole installation is level. Placing the level across multiple bench bracket top flanges will help you read this aspect of the

installation.

Once all the brackets are in place, wipe them down to remove any handprints or other debris. Position the bench seat on top of the brackets and adjust it until satisfied with the final look.

### Use of Wooden Bench / Banquette Seat

Using a pen, mark the bench position and holes relative to the brackets. Remove the bench and drill pilot holes into it at the marked locations. Take care not to drill all the way through the bench. Put the bench back in place, lining up the new holes with the holes in the brackets. Use screws from beneath the bracket to secure the bench on the brackets. Be sure to use screws that will not penetrate completely through the bench.

### Use of Stone Bench / Banquette Seat

If a stone material is used for the bench seat, it should be

adhered to the support bracket using a durable adhesive product that will withstand exterior environments is application is outside. The adhesive should be placed on the top of the bracket before application of the seat. Allow for adhesive to dry according to manufacturer's recommendations before using the bench / banquette.

### Finishing Up

The final step is to enjoy your work and your new bench! We are thankful for choosing the Sutherland/Sutherland Bench Support Brackets from Federal Brace. We love seeing our customers' applications so please send us images of your installation and our brackets under your bench. Also, know that the highest compliment Federal Brace can be given is a reference from our customers to friends and family. If you have enjoyed your buying experience with Federal Brace please let someone know.

For any questions or comments please to contact us by email at [customerservice@federalbrace.com](mailto:customerservice@federalbrace.com) or by phone at (877) 353-8899. If you are a visual learner, check out our installation videos on our YouTube channel Don't forget to share your projects with your new Federal Brace brackets on Twitter and Instagram, just tag us @FederalBrace. Like us on Facebook, and check out our boards on Pinterest for more home improvement/decor and DIY project ideas.

