



HARRISON TOP PLATE HIDDEN SUPPORT BRACKET INSTALLATION GUIDELINES

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

***Note:** 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 Harrison Top Plate Hidden Support Bracket

The Harrison Top Plate Hidden Countertop Bracket is designed to allow the maximum amount of legroom under a double sided countertop extension on a knee wall or pony wall application. It is constructed from sturdy 0.25" or 0.375" (determined by SKU) cold rolled steel and has a mounting plate width of 3.25". Four countersunk holes are provided in an alternating pattern helping you avoid any nails in the substructure and giving you a flush surface when installed. Two arms extend on each side of the mounting plate providing the required support for the double sided countertop overhang. When butted together end to end the arms double and the mounting plate creates a flat surface - No routing needed!

Without a gusset the extensions will deflect ("bending" down) more easily than a gusseted bracket. For this reason,

the Harrison Top Plate is only recommended for use butted together with a like plate for the entire length of the application. The countertop is not to extend more than 4" past the end of the bracket arm.

Considerations when Installing Harrison Top Plate Hidden Support Brackets

We recommend 2x6 construction when building the substructure that the Harrison will be installed on. Make sure you are tying into a minimum of 1.75" thick material. You will want the fasteners to have as much biting material as possible. We recommend using our "Countertop Bracket Fastener Kit (Countersunk holes) SKU: 39988", sold separately. This will ensure secure fastening of the brackets to the substructure. Remember a weak substructure makes for a weak installation.

With the knee wall built and in place, lay out your Harrison Top Plate brackets end to end and mark your installation holes. Once holes are marked, make pilot holes for your fasteners using a drill bit that is slightly smaller than the 0.25" holes on the plate. When all the pilot holes are drilled, install your Harrison Top Plates. No routing needed!! Your drywall or cabinet material will install right up to the bottom of the arm extensions.

Once all the brackets are in place you will want to wipe them down to remove any handprints or other debris. Just before installation of your countertop you may want to apply adhesive

or silicone to the top of the bracket to adhere it to the countertop. Once the countertop is in place you can caulk around the edge of the plates if you choose. This will give greater adherence to the countertop and cover any gap between the plates and counter.

Final step is to enjoy your work and your new kitchen counter! We are thankful that you chose to support your beautiful counters with Federal Brace brackets. Please send us images of your new kitchen and brackets under your counters. We would love to feature your work in our gallery at www.FederalBrace.com and various social media outlets.

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 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.



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