



## HARMONY COUNTERTOP SUPPORT BRACKETS 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 island 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: 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 Harmony Style Hidden Support Bracket

The Harmony Hidden Countertop Bracket is designed to allow the maximum amount of legroom under a countertop extension on an island base. This non-gusseted bracket is designed with a small 2" down flange for fastening.

Without a gusset this extension will deflect ("bending" down) more easily than a gusseted bracket. For this reason, the Harmony is only recommended for use in an island application where 2/3 of the counter is resting on the island base. Preparations for the Harmony Brackets

### Considerations when Installing Harmony Countertop Support Brackets

Whenever installing the Harmony Bracket 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. This will provide a secure fastening of the brackets. Remember a weak substructure makes for a weak installation.

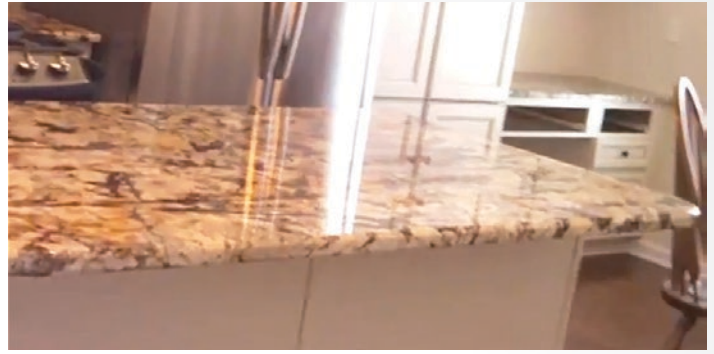
With the island in place and sturdy, lay out your bracket pattern. One Harmony on every cross section of your cabinet base. If span is greater than 18", insert a 1"x2" cross piece to install additional support. If custom cabinets are built, make sure the additional thickness of wood is built into the cross members. If prefabricated cabinets are used add the additional wood to the cross members where the Harmony will be installed. Keep in mind the space required for operating drawers in the cabinets. The Harmony comes with the mounting flange on the right side or left side to accommodate space for working drawers.

You will need to route out the top of the island structure where the bracket is being used to allow for the 1/4" material thickness of the Harmony bracket. The top of the bracket should not extend over the top of the island structure but should meet flush with the framing. The Harmony is designed at 24" to position forward or backward for the amount of support needed. We recommend not more than 4" of unsupported counter.

Once the first bracket is in place check for level, adding furring strips if needed to achieve level. Begin adding the additional brackets checking for level each time as you did on the first.

Placing the level from bracket to bracket will help you read this aspect of the installation. To see this application in process view our video.

Once all the brackets are in place you will want to wipe them down to get rid of any handprints or other debris. Just before installation of your counter you may want to apply adhesive or silicone to the top of the bracket to adhere it to the counter. Once the counter 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 add your work to our gallery to see Federal Brace at work. 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. Counters with Federal Brace brackets. We would be thankful if you would send us images of your new



kitchen and our brackets under your counters. We enjoy seeing Federal Brace supports at work.

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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.

