



## PROVIDENCE NOVELLE 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 support substructure are considered and discussed to ensure that your countertop installation will be smooth and that your

*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 Providence Nouvelle Counter Supports:

Our Providence Nouvelle Counter Supports are designed to allow the maximum amount of leg room possible under a countertop extension or serving bar. The bracket is designed with no gusset (or cross stiffener between the supporting flanges). It does include a metal casing that slides over the L bracket to conceal the fasteners to provide a beautiful brushed stainless appearance. The material of the L bracket is 1/4" steel powder-coated gloss black. The material of the metal casing slide is 18 gauge Stainless Steel.

Without a gusset, a bracket will tend to deflect (top flange "bending" toward the down flange) more easily than a gusseted bracket. For this reason the Providence Nouvelle Counter Support is only suggested for use in applications where sufficient mounting substructure is available, and the bracket is not the sole Providence Nouvelle of the weight of the counter and the top flange

that extends under the counter is not required to be longer than 12". Applications where the Providence Nouvelle Counter Support may be useful is with half wall (pony wall) counter mounted, island extension or application where the ends of the counter have sufficient floor to counter support. The Providence Nouvelle Counter Supports are not recommended in applications where the brackets will carry the full load of the counter without other supporting structure.

### Considerations when Installing Providence Nouvelle Counter Supports

Whenever installing the Providence Nouvelle Counter Supports make sure that you provide the thickest possible substructure (at least 1 3/4") on which to fasten the L bracket. You will want the fasteners to have as much "biting" material as possible. This will provide a secure fastening of the brackets. Also, the substructure must be tied into the floor. Remember, a weak substructure makes for a weak installation.

With the substructure in place and sturdy, measure out your bracket pattern. We suggest that you space the Providence Nouvelle Supports no greater than 18" apart on a standard application. Once you have your bracket support pattern set up you can attach your first L bracket to the substructure. Make sure that when you fasten the L bracket that you check for level in all

directions. The L 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 countertop.

The top of your L bracket should not extend over the top of your support structure but should meet flush with the top. You will want to use a level to determine the positioning of the top of the bracket to the top of your support structure. When manufacturing the Providence Nouvelle Counter Supports we attempt to hit the angle break at 90 degrees 100% of the time. However, sometimes we may be slightly off of that mark. If this is the case with your L bracket you should use shims in your installation to bring the bracket to level. Shims can be placed directly behind the down flange or you may need to slightly plain the support stud to allow for the bracket to sit flush and level.

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

You are now ready to slide the metal casing over the L bracket to reveal your finished bracket with no visible fasteners and a wonderful brushed stainless appearance. Once the finished 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 brackets if you choose. This will give greater adherence to the countertop and cover any gap between the brackets 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. 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.

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 [customer.service@federalbrace.com](mailto:customer.service@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.

