

THANK YOU FOR YOUR PURCHASE! We've gone to great effort to design these organizers for STACK-ON gun cabinets. We use them ourselves. If you have comments or suggestions for improvement, more items to make holders for, or any other ideas: Please let us know! We are always looking to do better.



We offer two types of items for STACK-ON cabinets: Organizers that mount on the doors, & items that replicate the barrel spacers & scope stand-offs that came with the cabinet.

There will be two types of users for these instructions. First, those who purchase individual items from us (which will come with a Hole locator tool). In this case: we print the items purchased, & ship along with the required fasteners, screws, & hardware. The second group are those who purchase a EULA license to use our designs (for their personal use as governed by the EULA). Of course we do not provide hardware to those who only purchase an EULA. Both types of users will be required to provide their own tools, & coordinate the safe installation of our ideas/products.

Fasteners required:

-3/16" Aluminum pull rivets to affix the organizers to doors (ABA 6-4 3/16 .188-.250x0.425 Dome Head Blind Rivet)

-#8 x 1/2" Pan or Truss head screws to screw the barrel rests & standoffs to the cabinet.

-Small washers (#8, #10, or 3/16x38): The rivet through the hinge should have a washer in the slot of the organizer so that the bulbous end of the pull rivet engages the washer. If omitted, the organizer will likely crack or spit and then probably fail.

Tools Required (not provided)

-Drill, Level, Pull riveter, (Printed) Hole Locator tool, Driver for #8 screws

-Drill Bit for rivet holes: 3/16 may work, but #11 is recommended

-Hole deburring tool (3/8 or larger drill bit will work... all accessible holes should be deburred)

-11/64 or 4.5mm drill for making holes for barrel rests to be mounted in.

Nice to Have (not provided, and not required):

-Center punch or long nail (to mark hole locations)

-3/16 clevos & pliers (they can hold stuff in place like an extra hand: But are far from necessary)

GENERAL PREPARATIONS & SAFETY

ALWAYS CONSULT THE FIREARM'S OWNER'S MANUAL, UNLOAD YOUR FIREARMS, & REMOVE THEM FROM THE WORK AREA BEFORE COMMENCING ANY WORK! DO NOT STORE LOADED FIREARMS IN OUR ORGANIZERS! THEY ARE FOR ACCESSORIES & UNLOADED FIREARMS ONLY.

WARNING: Installing organizers & modifying the cabinet will require the use of power tools, generate debris & unplanned interactions between the installer, tools, equipment, cabinet, & anything in the vicinity. It is paramount that you protect your life, health, & property by unloading & removing all firearms from the work space.

DO NOT ATTEMPT TO INSTALL THESE ITEMS IF YOU DO NOT HAVE THE SKILLS, HEALTH, & ABILITY TO DO SO SAFELY. Consult local licensed professionals for assistance if needed!

NEVER PLACE ANY LOADED FIREARMS IN ONE OF OUR ORGANIZERS, AGAINST OUR BARREL RESTS, & STAND-OFFS, ETC!

BARREL STAND-OFFS & SCOPE SPACERS:

Badger Ridge Barrel Spacers & Scope Stand-offs replicate the items that came with the cabinet. Reviewing the cabinet's instructions may prove useful. The barrel spacers & scope stand-offs are especially useful to supplement shortages from the original STACK-ON accessories, & to create solutions for short firearms (SBR, SBS, youth models, collapsible/folding stocked rifles, etc).

Shorter firearms: The barrel spacers can be mounted anywhere a hole is drilled through the sheet metal (11/64 or 4.5mm). Not for use in the door! Some of the cabinets come with useful existing holes. Some need to be drilled. Barrel Spacers are available as single "U", 2, 3, 4, or 5 U. If you need another number of 'U's just mix them from these. A 9 U could be made from combining a 4U & 5U.

- 1: Locate where the barrel rest is needed, mark & drill holes as needed (11/64 or 4.5mm). Be sure to use a level: Marking hole locations with a center punch, nail, or thin sharp item is helpful prior to drilling.
- 2: Debur all holes
- 3: The Barrel Spacer is mounted to the interior wall of the cabinet by fastening a #8 screw from the outside & into the hole in the back of the Barrel Spacer.

Scoped Rifles/raised sight rifles: If a firearm needs to be farther off the wall than a basic barrel spacer will provide (due to a scope or raised sight etc) add a scope stand off:

- 1: #8 screw is put inside the Standoff's hexagonal channel from the front & screwed into the barrel spacer.

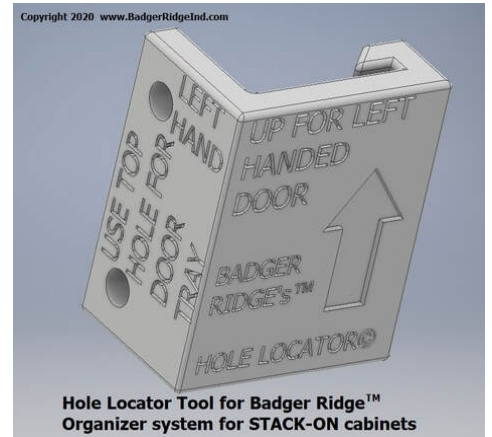
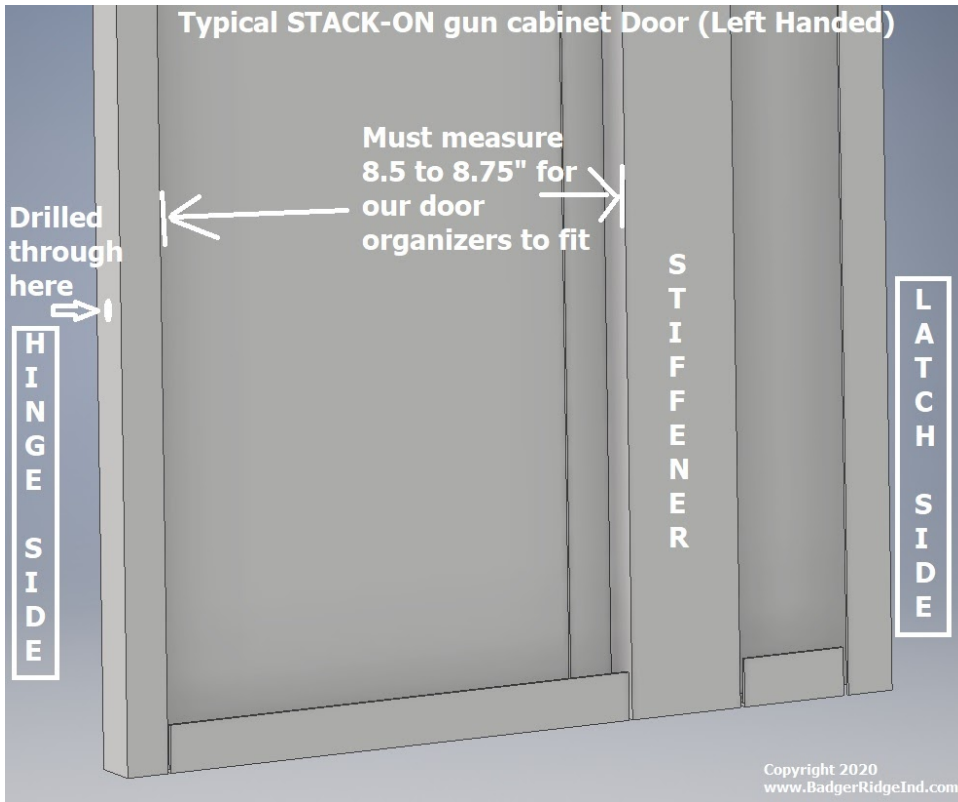
DOOR ORGANIZERS

Our door organizers are designed to be mounted into the doors & hinge jambs of STACK-ON gun cabinets. These organizers do not resemble anything that came with the cabinet & require the planned placement of holes & proper riveting. While there are many different organizers (door trays, pistol holders, shell holders, rails to hold tall items into the door tray), they all mount via the same basic method:

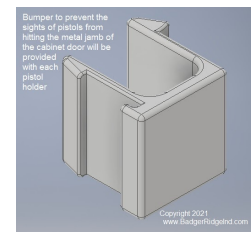
- 1: Turn the locking mechanism & key, mark where the latch sweeps to avoid blocking it with an organizer. Take note of where the hinge was welded to the door jamb, mark these locations to avoid drilling through the spot welds and weakening the door's attachment to the hinge.
- 2: Select correct organizer, chase its holes with the #11 drill bit, & test fit the rivet & washer to ensure easy slip fits. (Printed plastic parts don't typically come with perfect holes. Chasing them will help immensely).
- 3: Place the organizer in the door where desired by hand
- 4: Mark the Hinge/Jamb height where the #11 rivet hole will be drilled.
- 5: Snap the Hole Locator (one provided with each order) tool onto the hinge jamb & to locate the #11 hole to be drilled
- 6: Drill hole through the Hole Locator tool & the hinge jamb --or-- center punch a mark then remove the Hole Locator & then drill through the hinge jamb (Don't distort the hole in the locator. You need it to be accurate!).
- 7: Debur the hole on both sides of the jamb & test fit pull rivet in hole with washer (looking for slip fit). Adjust hole location as needed.
- 8: Ensure a washer is in the washer slot & then place the tray into the jamb, push everything snug into the jamb by pushing towards the rivet pulling tool, then pull the rivet.

Badger Ridge's Organizer Installation Instructions for STACK-ON Cabinets

9. Level organizer, then drill through the stiffener, but not the door face, (through the organizer's front face hole)
10. Place rivet in face hole, align with hole in the stiffener, push snug, and hold snug while pulling rivet.
11. Pistol holders will come with a bumper to put into the jamb and prevent the pistol sights from hitting metal if the pistol cants into the jamb.



Hole locator tool above



Pistol bumper (left).

Standard Left Hand Door Tray below:



NOTE: When placing Door Trays on the very bottom of the door:

- 1: The door tray has a small slot that is recessed to allow it to nest on the upturned sheet forming the bottom of the door. This gives it added strength & rigidity, & should be set on the upturned sheet whenever feasible.

Badger Ridge's Organizer Installation Instructions for STACK-ON Cabinets

2: In order to have the hole located at the proper height, the locator tool must be sitting on the upturned sheet, & it's top hole used to locate the hole in the hinge jamb.

Left hand items can *sometimes* be mounted upside down in Right hand doors, *but this is not ideal*. (Remember only double door cabinets have right hand doors)

Remember there are more instructions on our website (item listing and The Badger's Den. Those locations will have tons of pictures & text explaining all the details too.



HELPFUL HINTS:

-Work from the bottom up, setting the first shelf on the upturned bottom of the door. Then set the tallest item you think will be placed on a tray on the top edge of the tray (not inside it), then set the next tray so that it is just above this item. Doing so will help guarantee you will be able to place & remove the tallest item you wish to store.

- Avoid using deep trays; they project into & interfere too much with the interior of the cabinet, and let tall items tumble. If you do use a deep tray, don't be surprised if you need a rail guard to keep items upright.

Left Hand door shown above (Right hand doors are symmetrical). NOTE: Newer Cabinets with security tabs & beveled edges may have an added flange that blocks pulling the hinge rivet. Notch & remove it where it blocks pulling rivets.

- All items are embossed with BADGER RIDGE™ and other writing. It should be upright when installing. If it isn't, you are probably trying to install something in the opposite handed door from what it was designed.

If you have a firearm, magazine, or accessory that our items won't accommodate, or an idea for a product, we'd love to hear from you!