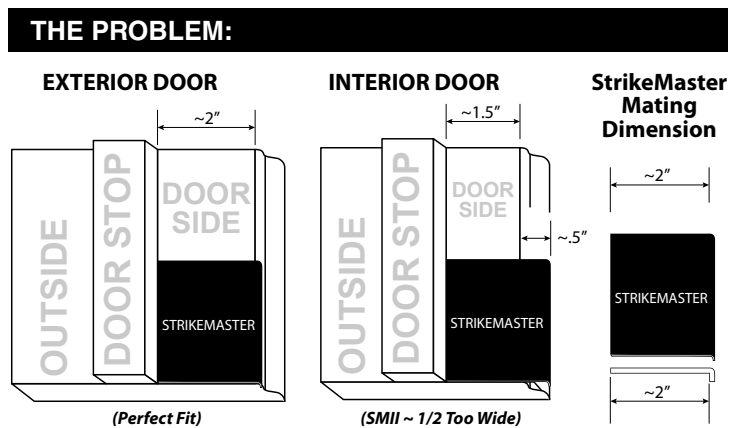


Strikemaster II Pro

INTERIOR DOOR SUPPLEMENTAL INSTALLATION INSTRUCTIONS

DISCLAIMERS:

- This is a “supplemental” instruction sheet for those choosing to install the StrikeMaster II Pro on an interior door, please read the entire StrikeMaster II Pro Instruction Sheet that came with your product first as it contains additional instructions you will need to implement.
- The StrikeMaster II Pro is designed to be installed on **EXTERIOR DOORS ONLY**, these instructions represent an alternate method of installation if you choose to add our product to a thinner “Interior Standard 1-3/8” Thick Door/Jamb”.
- Safe Homes International does not recommend, endorse or guarantee our StrikeMaster II Pro in this application where kick-in attempts are anticipated. While our product will not fail, interior-style doors by design are thinner/weaker and therefore offer minimal resistance to hard blows. If you do decide to install the StrikeMaster II Pro on an interior thickness door/jamb, we strongly suggest that you at least install a “SOLID CORE DOOR” as well to your existing jamb if you do not have one to begin with as most interior doors are lightweight/hollow units not designed to prevent forced intrusion attempts but rather as privacy closures.
- The main reason some people choose to perform an install on an interior door is because the cost of replacing an entire door unit (door and jamb) in some parts of the country is quite a bit more expensive than just replacing the door only with a “solid core” model. In most cases, owners have already secured their exterior doors with StrikeMaster II Pro units to prevent a kick-in attempt, so reinforcing interior doors just represents a secondary line of defense. Some homeowners in particular have Interior doors installed in their garages that access tool rooms or closets containing expensive equipment and can be accessed through an open garage door even though the home interior itself is protected by StrikeMasters.
- The steps outlined here represent **ONLY ONE METHOD** of performing this installation that has been successfully tested and is by no means the only method of performing this modified install. We do believe that it represents the “quickest/most effective” method of performing this procedure. Installation using this method adds about 10-15 minutes to the standard exterior door installation plus any additional time for “cosmetic” filling and painting areas removed from door stop during this procedure for 3 StrikeMaster screws.



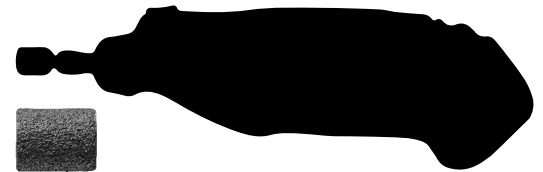
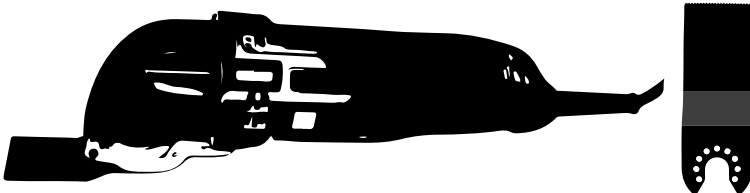
As you can see in the illustration at the left, the StrikeMaster II Pro is designed to fit perfectly on an exterior door jamb with approximately a 2” mating surface. The problem is that an “interior” door jamb only has about a 1.5” jamb surface. That means that without modification to the door stop portion of the jamb, the StrikeMaster II Pro would stick out about 1/2”, not to mention that the lock-bolt openings would not line up or that some of the screw holes on the unit would have nowhere to drill into!

What we need to do is cut a 1/2” deep groove in the wooden door stop on the door jamb that is just deep and thick enough to allow the StrikeMaster II Pro to slide in behind it. The secret is to use any number of new hand-held power Oscillating Tools available on the market today to cut that groove.

ADDITIONAL POWER TOOLS NEEDED (in addition to a standard StrikeMaster install tools):

Power Oscillating Multi-Tool with Wood Plunge-Cutting Attachment

High-Speed Rotary Tool with Sanding Drum



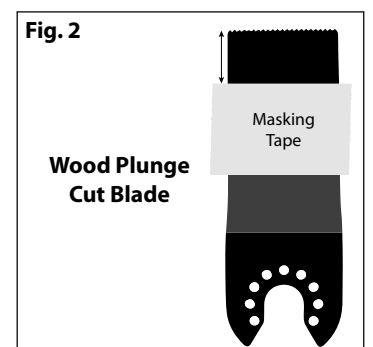
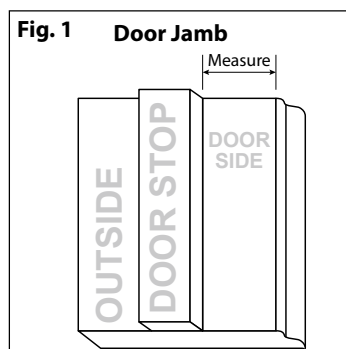
ADDITIONAL ITEMS NEEDED:

- Gaffer’s Tape (or strong masking tape)
- 2”-wide Masking Tape (optional)
- Pencil
- Wood-Filler and Sanding Block

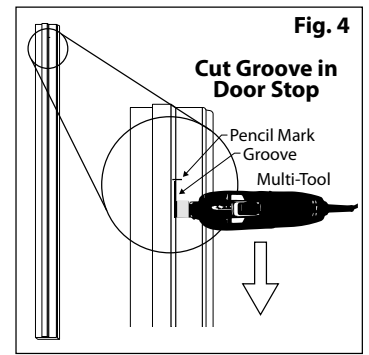
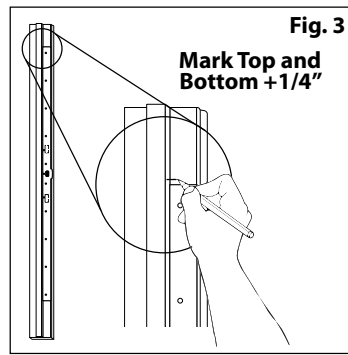
- 1-foot length of 1/2” wooden dowel
- Wood glue
- Caulking
- Paint to match door trim

Installation Instructions

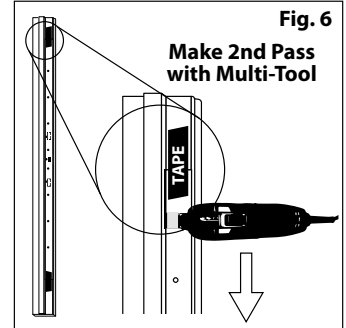
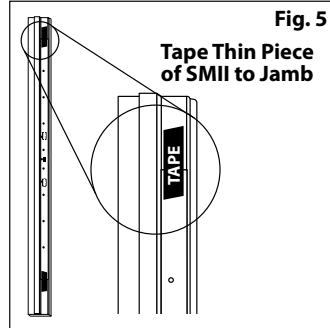
1. Measure the perpendicular distance between the door-side of the door stop and the edge of the door jamb mating surface where the StrikeMaster II Pro will be installed. Subtract that distance from 2” (usually this result will be about 1/2”). This resulting number will be the groove “depth” you will need to cut into the door stop on the jamb. (See “The Problem” illustrations above to see what you are looking to accomplish). Fig. 1
2. Take the “Wood Plunge Cutting Blade” for the oscillating multi-tool and using a piece of masking tape, measure back the same amount you calculated in Step 1 and tape the top surface of the blade so that only the cutting depth amount is left exposed. This will be your guide to make sure you do not cut too deep into the door stop. (Tip: using a “blue” or other colored tape will make it easier to track as there will be some wood dust generated during the groove cutting.)



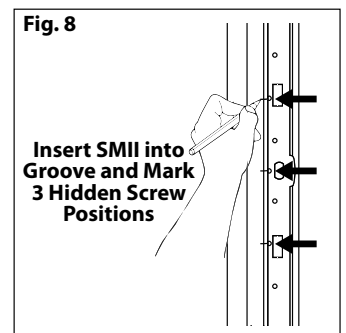
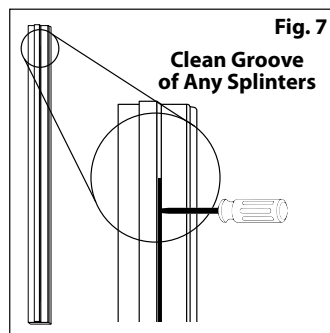
3. Position the heavy section of the StrikeMaster II Pro vertically against the door jamb in its final installed location up and down (see StrikeMaster II Pro included instruction sheet) and mark the door stop with a pencil about 1/4" above and below the top and bottom of the metal brace. This will designate the top and bottom "limits" of the groove you are about to cut.



4. With the Wood Plunge Cutting Blade attached to your Multi-Tool, begin cutting the groove from the top pencil mark you just made in Step 3 to the bottom mark. **MAKE SURE TO KEEP THE CUTTING BLADE FLAT AGAINST THE JAMB** as you proceed to make the cut. If you "angle" the tool/blade you will not get the desired result. Also, make sure to power the tool on "before" you press it to the jamb surface for control. With Step 4 completed, your "groove" is half way complete. While the groove is the correct length and depth, it is still not "wide" enough to allow the two pieces of the StrikeMaster II Pro to slide behind it. **IF YOU WERE TO TRY AND FORCE THE ASSEMBLED STRIKEMASTER INTO THE GROOVE AT THIS POINT YOU WOULD DAMAGE THE DOOR STOP.** Unless you have a Multi-tool blade that is the same or greater thickness as the two assembled pieces of the StrikeMaster (we have never seen one), then you will need to perform Step 5.



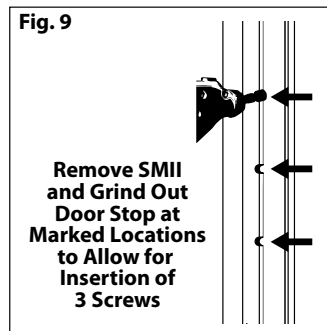
5. Take the thinner metal piece of the StrikeMaster II Pro and butt one edge up flush with the door stop groove you just cut and with it laid flat against the door jamb, tape it at the top with a piece of Gaffer's Tape (Gorilla tape, or any strong holding tape). Also tape the bottom in the same fashion. This thin piece will now serve as a guide for the Multi-tool blade to make it's second pass to widen the groove. Note: the Multi-Tool blade will most likely scratch off some of the powder coating, but this piece will not show in the final install. If you are concerned about that, cover the entire exposed surface with Gaffer's tape first (optional).



6. Repeat the exact same procedure you performed in Step 4 again. This will widen the existing groove.

7. Remove the metal strip and tape. Depending on the thickness of your particular Multi-tool blade and your ability to control the cut, you may have a small bit of wood left between your two groove passes. You can usually run a screwdriver down the length of the groove to remove this excess.

8. With the groove cut, you should now be able to easily slide the two pieces of the StrikeMaster II Pro into it's final install position. You will notice that (3) of the screw holes are now at least partially hidden behind the door stop. With a pencil, mark where those three holes are hidden on the door stop and remove StrikeMaster II Pro.



9. With a High Speed Rotary Tool (similar to a Dremel) with a 1/2" diameter sanding drum attachment, grind out the door stop flush with the jamb at those three locations leaving semi-circular cuts in the door stop.

10. You may now install the StrikeMaster II Pro just like any exterior door following the instructions included with the unit.

11. After the installation, you just have some "cosmetic" work to complete.

- Cut off 3 sections of 1/2" wood dowel to just under the thickness of the door stop, Cut them down to the shape needed to fill the three semi-circular hole left and glue them in place.

- After glue as cured, use wood filler and sand to restore door stop original shape.

- Caulk and paint as needed.