

# Open the Door Products

**Please read... you will be glad that you did!! You will benefit from our research and experimentation.**

## Installation instructions for the Generation 4 Quiet Magnetic Catch

1. Location;
  - a. These catches can be used at any location that you would install a standard magnetic catch.
  - b. 2 units per door are recommended because they will provide a positive adjustable stop at top and bottom of door. Also, and most importantly, if a door is slightly warped, or the cabinet racked, you will also find that these 2 magnets with attracting poles are strong enough to pull in warped doors up to 1/4" depending on the leverage of the door height. One unit per door up to 30" high is sufficient for function, however, you will not benefit from the other important features.
  - c. A second unit is necessary on doors taller than 30". Please be aware that the hinges must be free-swinging for **any type magnetic** catch to pull the door closed. Lubrication of the hinges with light oil, WD40, or soap will improve the free swing of the hinges. If hinges are binding or door is extra heavy, you may find that removing one of the shocks will make the closing action better, or you may remove the shock and install a second magnet for badly warped doors.
  - d. Install catch on the handle side of the door set back the thickness of the door plus 1/8" for the soft bumper pad. The 1/8" extra space is important because you will be installing a 1/8" thick bumper on top of this magnet later. There is about 1/2" adjustment with the keyhole slot on the base... install the 1/2" "flat head screw 7/8 - 1" from the back edge of the door leaving approx 1/8" exposed. If unit is not fairly tight on keyhole slot, tighten screw slightly until tight.
  - e. You will notice that the catches are supplied in left and right hand units. For appearance sake, it looks better on a 2 magnet installation to install the top magnet opposite of the bottom magnet, this is why we provide them in pairs. They also tend to work slightly better if the magnet is closest to the hinge side. We recommend that you install them at a consistent location about 1/8" away from the cabinet stile. This keeps your door magnet away from your door's mortise and tenon joint. We can provide a jig for this purpose, or you could make your own.
2. When proper location for the cabinet base unit is determined, install the small 1/2" set screw in the back of the unit in the magnet side to prevent any movement.
3. **Door magnet proper placement;** Set a flat head screw with its head centered against the magnet and its point facing the door... it will easily stay in place by magnetic force. Close the door with enough pressure for the point of the screw to mark the door at the exact center location for drilling the door magnet.
4. Using a 3/8" Forstner or brad point drill bit, drill a 3/8" deep hole in the door (slight extra depth is recommended to make sure magnet is nearly flush with door surface, but don't drill too deep. A collar on shaft of drill bit as a consistent depth stop is recommended. It is very important that the magnets line up as perfectly as possible. A router with 3/8" bit and corner jig works great for this also.
5. The 3/8" x 3/8" cylinder magnet that will go into the door must first be attached to the cabinet base unit magnet. **(This is extremely important because the polarity of the magnet cannot be reversed ... you will not be able to close the door!!!)** The door magnet will snap fast to the base magnet, insuring the correct polarity. Put several drops of Crazy glue gel in the bottom side of the hole that you just drilled in the door. Immediately, pull the door magnet loose from the base, being very careful to keep the polarity direction the same, and push the magnet into the 3/8" hole in the door until almost flush. You may have to press it into the hole, being careful not to mar the finish.... Move quickly because you have only a few seconds before the crazy glue will set. We use a water pump pliers with rubber boots on jaws. It is recommended that you do not push it in completely flush... leave slightly rounded corners exposed... approx. 1/32". If you push in completely flush, raw wood will show in drilled hole. Apply the bumper pad to one of the magnets, usually the base magnet.
6. We have found that these 2 magnets are strong enough to pull in a warped door as much as 1/4". If you have a racked cabinet or severely warped door that does not pull in, remove the shock and glue a second magnet into the base and a second corresponding magnet into the door.
7. If any questions, contact us via email @ TomTice@verizon.net