

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 3 Quiet Magnetic Catch

1. Location;
 - a. These catches can be used at any location that you would install a standard magnetic catch.
 - b. One unit per door up to 30" high is sufficient for function. However, 2 units per door are recommended because they will provide a positive adjustable stop at top and bottom of door. 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 ¼" depending on the leverage of the door height.
 - 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 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 1/8" adjustment with the cap screws on the base.
 - 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. They also tend to work slightly better if the magnet is closest to the hinge side. The mounting bases are reversible if you don't have the correct quantity in the left or right hand needed. Simply punch the shock and magnet out from the back... Magnet will have to be glued into the other side.
2. 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.
3. Using a 3/8" Forstner 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. Magnet must be slightly proud of the door surface for best appearance and action. A collar on shaft of drill bit as a consistent depth stop is recommended, but make sure there are no rough edges on the collar that could mar the finish on the door. It is very important that the magnets line up as perfectly as possible.
4. 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 the jaws. It is recommended that you do not push it in completely flush... leave slightly rounded corners exposed. 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.
5. We have found that these 2 magnets are strong enough to pull in a warped door as much as ¼". 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.