

# Helpful Hints for Safety Gate Installation Kits

To install all styles of safety gates in locations other than wood framed doorways, you will need one installation kit for each gate side that is not being attached to a solid wood wall or door frame. Some applications (wrought iron) might require two installation kits for each gate side. In many cases even pressure mounted gates need an installation kit to allow for baseboards or surfaces that are not parallel or to protect hard to replace wall coverings from gate damage.

## Installation Kit Contents

Quantity	Description	Quantity	Description
1	33" long pine wood - knots and irregularities are normal. When installing shorter gates, the board can be cut approximately 1" taller than the gate.	1	3/16" wing nut
1	2-1/2" long pine wood spacer	1	flat washer
1	3/16" butterfly toggle bolt	2	1-1/2" wood screws
1	3-1/2" machine screw	1	2-1/2" wood screw
		2	18" long plastic tie straps (dual side locking)

## Before Installation:

- Measure the opening and confirm that the gate purchased will accommodate the opening width (top and bottom).
- Assemble the gate according to the manufacturer's instructions to the point where it is ready to be mounted into the opening.
- Consult a local paint store for a finish that will match the home's woodwork.
- Tools required for any gate installation are a drill with bits, screw driver, pliers and wire cutters.



### Wood Banister Installations- Wood Screws (preferred method)

Most people hesitate to drill holes into their wood banisters. This concern is easily overcome once it is understood that no tree ever grew in the shape of a wood banister and dozens of holes may already be covered up with wood putty. For a little more than \$1, hardware stores sell putty sticks that fill such holes and match the color of the wood stain or paint once the gate has been

removed. Wood screws are the strongest installation and are recommended for the top of a stairway when using any gate with this installation kit.

1. Place long board vertically against the banister where the gate will be mounted. The board might need to be cut shorter to fit your banister. If necessary, use the wood spacer at the top or bottom of the board to obtain a vertical mounting surface.
2. Drill a 3/32" pilot hole, (approximately 1/2" from the bottom) through the long board (and wood spacer if being used) into the base of the banister. Check to make sure this hole location will not interfere with mounting the gate hardware. Insert 1-1/2" screw (or 2-1/2" screw if using the wood spacer) and tighten.
3. Drill a 3/32" pilot hole, (approximately 1/2" from the top) through the long board (and wood spacer if being used) into any strong part of the post or handrail. Insert 1-1/2" screw (or 2-1/2" screw if using the wood spacer) and tighten.
4. Now you are ready to mount the gate hardware into the mounted wood installation kit.

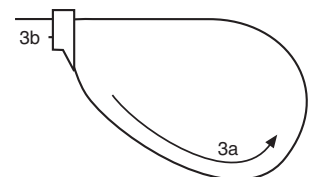


### Wood Banister Installations- Plastic Tie Straps

This method of installation is only recommended with hardware mounted wall gates.

1. Place long board vertically against the banister. Be sure the bottom end is resting on the floor and flat against the square portion of the post.
2. Place one tie strap near the bottom where it will not slip down the long board or post. This would most often be at the first round turning which is normally 6-12" from the bottom.
3. Insert the flat tip of the strap into back portion of the lock (3a) at the other end. (If your have it backwards, it will not lock.) Should you make a mistake, a small screwdriver will release the lock (3b) to reopen the strap lock. Pull very hard with the pliers until the board is tight against the banister. Cut off any excess strap with wire cutters or knife.
4. Repeat process at the top of the board with the second tie strap.
5. Now you are ready to mount the gate hardware into the mounted wood installation kit.

**IMPORTANT:** After installing the gate, test it to make sure the mounting board stays securely in place. If it moves, use double-faced foam tape (available at hardware stores) on the backside of the mounting board where it touches the banister post. If the board continues to move or the straps slide down, you can cut small notches in the mounting board at the desired height making sure the straps rest in the notch.



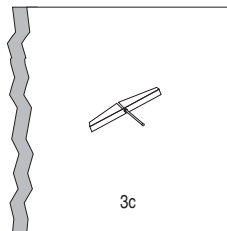


## Hollow Wall Installations

1. Place long board vertically against the wall where the gate will be mounted. If you have hardwood floors mount the board directly above the quarter round molding. In most cases, use of the wood spacer will be necessary to obtain a vertical mounting surface.
2. Drill a 3/32" pilot hole, (approximately 1/2" from the bottom) through the long board into the baseboard. Check to make sure this hole location will not interfere with mounting

the gate hardware. Insert 1-1/2" screw and tighten.

3. Drill a 13/64" or larger pilot hole, (approximately 1/2" from the top) through both pieces of the wood, but not going through the wall at this time. Try using the 2-1/2" wood screw to see if you were lucky to hit a hidden stud. If no stud is present, then drill a 1/2" hole into the wall only, and use the 3-1/2" machine screw with the butterfly toggle bolt (3c). Securely tighten the screw or bolt.
4. Now you are ready to mount the gate hardware into the mounted wood installation kit.

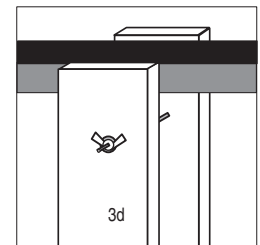


## Wrought Iron Installations

Many older homes have metal wrought iron banisters and railings. The use of two installation kits is recommended to act like a sandwich on the metal and provide a secure mounting surface for the gate.

1. Position one long board on both sides of the wrought iron. It might be necessary to use one or both wood spacers at the top or bottom in order to have a vertical mounting surface.

2. Mark the location for the bottom machine screw, so when inserted it will rest upon the lower beam of the wrought iron so it will not slide down. Drill the bottom hole through both long pieces of wood the next drill bit size up from 3/16" (13/64" or 9/32).
3. Insert 3-1/2" machine screw from the side where the gate will be mounted. Add the flat washer and tighten with the wing nut (3d). If the bolt extends too far (beyond the wing nut) be sure to cut it off with a wire cutter or cover with several layers of tape to prevent abrasion.
4. Drill the top hole just below the top wrought iron hand rail. This will reduce the chance of the installation board from slipping after the gate is installed.
5. Now you are ready to mount the gate hardware into the mounted wood installation kit.



## Brick, Concrete and Special Installations

This kit will solve the vast majority of installation applications. However, special surfaces such as brick, concrete block and plaster will require additional hardware and advice from your local hardware store or handyman. KidCo suggests that you consider hiring a local Baby Proofer for the more complicated gate installations. It is difficult to explain special installation problems over the telephone, however, KidCo welcomes your call, fax or email.



## Common Sense Rules for Safe Use of Gates:

- No gate should be entirely trusted to protect a child at any location, especially at the top of a stairway. There is no substitute for constant parental supervision.
- Avoid gates that can be easily climbed. Some widely spaced plastic mesh gates allow footholds and opportunities for fingers, toes, arms or legs to get caught. The same is true in many sliding panel models.
- Keep large toys away from the gate to discourage a child from climbing over.
- To pass minimum safety standards some gates are only 22" high, which is an invitation for danger when other family members step over them. This, too, is not a good example to see.
- Many plastic gates have rough edges and openings. Thoroughly inspect and lightly sand any sharp edges remaining from their molds.
- Check the hardware frequently after installation to make certain all fittings and hardware are secure.
- Discontinue use if the gate height is lower than three quarters of the child's height.



Model # K10 Kit

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