

“Great value, they’ve made it too easy!

Alex Rothrock, President
Reidsville Building Supply – Reidsville, NC

Installing a CurveMakers® ARCH KIT is really easy. We have actually had a number of homeowners install as many as three in a weekend. Most kits come as three assembled pieces: 2 columns and a curved top header. These pieces are U-shaped and simply slip over the walls in the prepared opening. The main task for the remodeler is to prepare the opening to accept the arch kit. Aside from the sheetrock patch drying time, you should easily be able to install an arch in a few hours.

The following instructions will take you step-by-step through the process of preparing the opening and installing the arch.

If you are making a new opening in a wall, follow the Framing and Sheetrock Instructions for your particular model and follow Installation Instructions for New Construction.

If you have any questions or difficulty, call us and we will be happy to assist you.

INSTALLATION INSTRUCTIONS FOR REMODELING

TOOLS NEEDED:

- Utility Knife
- Flat Pry Bar
- Claw Hammer

MATERIALS NEEDED:

- 1x4 Blocking
- #8 Finish Nails
- Sheet Rock

STEP 1 - Removing wood jamb and casings from your existing openings.

- If your existing opening is sheetrock or plaster, skip this step.



figure 1



figure 2

- With a utility knife, cut through any caulk or paint along the joints between the casing and sheetrock on each side of the opening. This will prevent ripping the paper layer from the sheetrock when removing the casing. Do this also for the baseboard leading to the opening on each side.
- With a flat pry bar carefully loosen the casing from the wall. Be sure to use a backing board if you use your wall for the lever point of the pry bar; this prevents poking a hole in the wall.
- Use a claw hammer or the pry bar to carefully remove the casing and jamb in the opening. Also pull the baseboard off the wall in a similar fashion.

STEP 2 - Installing sheetrock into top of opening.

- This will be cut out later to match your arch and provide for covering up the square corners that now exist in the opening.
- Cut two pieces of 1x4 wood 8" long to use as vertical nailing blocks for the new drywall patch. Also cut two pieces of 1x4 wood equal to 1/3 of the opening width for the horizontal nailing blocks. (For a 60" opening the horizontal blocks would be cut 20" long)
- Nail the longer blocks to the bottom of the rough framing on each side of the opening. Then nail the short blocks to the vertical sides as shown in figure 3. These blocks are what you attach the new sheetrock to.
- Cut two pieces of 1/2" sheetrock 15" wide and the length of your rough opening.
- Raise a piece of the sheetrock (fig 4) into the top of the opening on one side and attach it to the blocking boards with sheetrock nails or preferably 1-1/4" screws. Do the same for the opposite side of the opening.



figure 3



figure 4

STEP 3 - Cutting new sheetrock in top of opening into arch shape.

- On the side of the cardboard box will be traced an elliptical template for your arch. (Arches over 60" wide will have a precut template inside the box.) Cut this template from the box carefully with your utility knife.
- Slip your columns over the walls as shown in figure 5. If the sheetrock hangs too low then cut enough out to be able to stand the columns up.
- Set the template on top of the columns centering left to right. Trace the elliptical shape onto the new sheetrock with a marker or pencil. Repeat this tracing on the opposite side of the opening.
- Remove the columns from the opening and cut out the sheetrock along the tracing line (fig 6). Cutting off the line a little is OK because this cut will be covered by the arch when installed.



figure 5



figure 6

STEP 4 - Patching new sheetrock to existing walls

- Patching the new sheetrock to the existing walls takes time because the sheetrock patch must dry between coats. There are quick setting patches available at most supply companies, reducing your drying time.
- Fill gaps between old and new sheetrock with sheetrock patch. Apply paper tape, bed into patch with trowel, then apply another thin coat of patch over the tape smoothing as you go. Let dry.
- It may take two or three coats of patch to smooth wall. Be sure to let dry between coats.
- While the sheetrock patch is drying you may wish to prime your arch and let it dry at the same time (if you intend to paint). This of course is optional. Curvemakers recommends at least one coat of oil base primer be applied. Let dry and sand before applying other coats.



figure 7



figure 8



figure 9

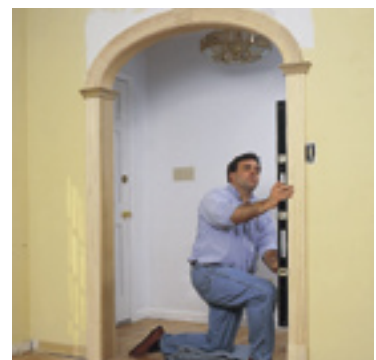


figure 10

STEP 5 - Arch Installation

- Since the arch is pre-assembled and comes in three pieces, the installation goes very quickly.
- Slip the elliptical arch into the opening and push to the top (fig. 8).
- Slip columns over the walls on each side.
- Pull the arch down onto the columns.
- Align the arch top and columns into opening so that the columns are parallel, plumb, and level.
- Make sure outside edge of the curved casing and the column casing are aligned at the capital area.
- Bore pilot holes for 8d finish nails in the arch pieces and tack to the wall. Your nails should be placed approximately 1/2" to 3/4" from the outside edge of columns. On the header you only need nails 3/4" from the outside edge of the casing at each side of the arch bottom and left and right of the key. Again, be sure you drill pilot holes before nailing.
- Temporarily tack arch into place with a few nails partially driven in. Stand back and check the arch for alignment and fit. If you are satisfied, finish nailing arch in place from both sides.

STEP 6 - Finishing

- Once you are satisfied with your arch installation, trim your baseboard pieces and nail them back into place.
- Putty all holes with appropriate patch for finish desired.
- Inspect your arch for scuff marks, etc. and sand where necessary.
- Follow carefully the manufacturers finishing procedure for whatever finish you have chosen.

Remember, if you have any questions, please call us for assistance. If you have suggestions to improve our procedures or instructions we certainly would like to hear from you. Thank you.



figure 11



figure 12

CURVEMAKERS® GUARANTEE

QUALITY GUARANTEE:

CurveMakers® guarantees all its products against material or workmanship defects for one full year from date of purchase.

SATISFACTION GUARANTEE:

If you are dissatisfied with any of our STANDARD ARCHES (see pg. 13) for any reason, simply return it undamaged for a full refund.

RETURN POLICY:

No product shall be returned without prior approval. Undamaged standard products will be approved for return. Custom ordered products may not be returned unless manufactured incorrectly. Your sales ticket will identify all custom orders. A 15% restocking fee will be charged to dealers.

INSPECTION AND DAMAGE CLAIMS:

Inspect your product upon delivery. Any damage must be reported immediately to CurveMakers so that damage claims may be made. On occasion we will need the assistance of our customers with damage claim investigations.



Patented Arch Systems

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