

DIY railing installation

Install your own aluminum picket or glass railing with materials, hardware and a cut plan from Railing Experts. All measurements are in inches.

HOW OUR DIY PROGRAM WORKS

- 1 Measure and send.** Take edge-to-edge measurements of your deck and email them to railingexperts@gmail.com.
- 2 Get your plan.** We send a blueprint drawing showing how many sections are in each run, the glass size, and the size of rail you will cut from.
- 3 We drop off everything.** We supply all the hardware and deliver the materials, and walk you through a few helpful tips at drop-off.

A deck like the one pictured on page 2 takes about **3–5 hours** to install.

- 1 Measure your deck**
Take edge-to-edge measurements of every run. Once you have them, email them to us and we will put together your materials list and blueprint.
- 2 Attach the side-mount brackets**
Start with the end brackets on each section. Each bracket is **2¼" wide**. Once the two outer brackets are attached, measure between them. From that distance, **deduct 2¼" for every bracket in between**, then divide by the number of sections. The result is the inside-to-inside spacing between brackets.
- 3 Set the posts**
Remove the bottom base plates and slide the posts into the side-mount brackets. If you are using top-mounted posts instead, leave the base plates on and lag them into the surface.
- 4 Cut and fit the rails**
Measure from inside post to inside post in each section, **deduct ½"**, and cut both the top and bottom rails. Slide the rails into the post brackets. Once all the rails are cut and in place, you may need to shim some side-mount brackets with washers so the top rail runs straight.
- 5 Add pickets or glass**
Once the rails are straight and screwed in, attach the pickets or install the glass. See our **Railing Installation Guide** (steps 3A and 3B) for picket spacing and glass setup.

TOOLS YOU WILL NEED

- Mitre saw with a non-ferrous metal blade
- Tape measure
- Drill with drill bits
- Level
- 3/8" washers (for shimming posts)
- Rubber mallet

BEFORE AND AFTER: DIY SIDE-MOUNT INSTALLS



Before



After: white aluminum picket railing



Before



After: white aluminum glass railing

Ready to start? Email your measurements to railingexperts@gmail.com or call 604-365-3252. Prefer to have it installed for you? We do that too, with free quotes.