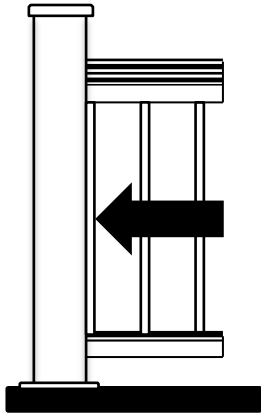
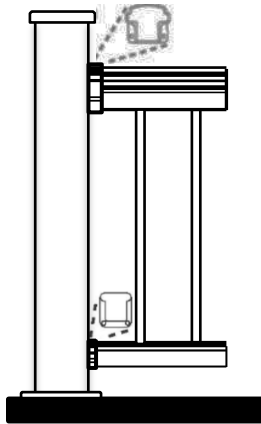




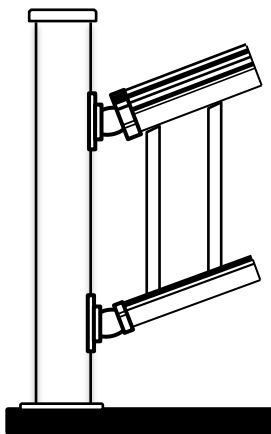
Installation Options for Gilpin Aluminum Railings



Installation Spindle – is screwed to post; best option when no angles are involved.



Fixed (wall) Mount Fitting – Mounts on post or other vertical surface. (Not available for Midway)



Swivel Fitting – Angles for stairs or horizontal angles. (See reverse for assembly instructions.)

How to Assemble Your Swivel Fitting from Gilpin Inc

Tools you may need:

❑ # 2 Phillips screwdriver ❑ 5/16" & 11/32" nut drivers ❑ 1/8" drill bit

- ❖ **Summit package contains**
 - 2 top and 2 bottom swivel fittings & bases
 - 24 #10 X 1" Hex Head Screw
 - 4 #8-32 Hex Head Lock Nut
 - 4 5/32" X 7/8" Fender Washer
 - 4 #8-32 X 1 1/4" Machine Screw
 - 4 #8 Flat Washer
- ❖ **Fairfield package contains**
 - 2 top and 4 bottom swivel fittings & bases
 - 36 #10 X 1" Hex Head Screw
 - 6 #8-32 Hex Head Lock Nut
 - 6 5/32" X 7/8" Fender Washer
 - 6 #8-32 X 1 1/4" Machine Screw
 - 6 #8 Flat Washer
- ❖ **Midway package contains**
 - 2 top and 2 bottom swivel fittings & bases
 - 8 #10 X 1" Hex Head Screw
 - 4 3/16" X 9/16" Flat Washer
 - 4 #8-32 X 1" Machine Screw
 - 8 #10 X 1/2" Hex Head Screw
 - 4 #8 Flat Washer



1. **Assemble Ball & Socket Fitting**
 - a. Insert bigger washer and #10 machine screw through back of base and through ball fitting.
 - b. Loosely fit machine screw with #8 washer and #8 lock nut from inside of ball fitting.
 - c. After determining desired angle, use Phillips screwdriver and 11/32" nut driver to tighten.

2. **Install Angle Attachment to Post (or other vertical surface)**
 - a. Temporarily place top and bottom angle attachment fitting to end of rail section.
 - b. Hold rail section and fittings at desired location to determine desired level of installation.
 - c. Mark flange holes at desired location.
 - d. Remove fittings from rail section and attach fittings to post with #10 X 1" Hex Head Screw.



3. **Attach Railing to Angle Attachment**
 - a. Insert railing into fittings.
 - b. Pre-drill sides of fittings through cross bar of railing with 1/8" drill bit.
 - c. Install #10 X 1/2" screw (Midway) or #10 x 1" screw (Summit) through pre-drilled hole.