

**When installing with other bracket kits we recommend installing the multi-angle bracket section first.**



Figure 1



Figure 2

1. To ensure a standard 2" clearance between bottom rail and mounting surface, start by measuring 1 3/4" up from the mounting surface for placement of the bottom pivot bracket and mark the post (Fig. 3).



Figure 3

2. Place the pivot bracket on the mark and center on the post. Mark the openings in the bracket on the post, predrill the post on marks (Fig. 4).

**Note:** Make sure trim ring is seated on mounting surface before installing the brackets on the post.

3. Using screws included in package, attach bottom pivot bracket to the mounting surface. Follow same steps to attach the other bottom pivot bracket (Fig. 4).



Figure 4

4. Measure the distance between the bottom brackets and add a maximum of 4" (Fig. 5). Transfer this measurement to the bottom rail in preparation to cut the rail to size. Make sure to have equal distance to the center of the spindle holes on each end of the rail (Fig. 6).



Figure 5



Figure 6

5. Cut rail to size and then place both bottom rail multi-angle connector brackets onto the rail. Slide the rail into place and temporarily connect the multi-angle connectors and pivot brackets together (Fig. 7). Make sure the spindle holes are evenly spaced between the mounting surfaces. Once properly aligned mark the multi-angle connector bracket location on both ends and remove the rail. (**Note:** Cut evenly from both ends and the top rail should be cut to the same length as the bottom rail).



Figure 7

6. Make sure multi-angle connector brackets are still aligned with the mark on the rail and then use a screw through the bottom to hold the bracket in place. Reattach the bottom rail between the mounting surfaces and place pin through the bracket opening.
7. To determine the height of the top bracket insert 1 spindle on each end of the rail (Fig. 8).



10. Remove the top rail and install the pivot brackets on the post following the same procedure as the bottom pivot bracket (Fig. 12 & 13).



11. Insert all spindles into the bottom rail (Fig. 14).

12. Slide the multi-angle connector on both ends of the top rail and slide rail onto the spindles. Then slide the connector into place with the pivot bracket and insert the pin to hold together (Fig. 15).



8. Place the multi-angle connectors on the top rail and place the rail onto the spindles (Fig. 9).

13. Insert a screw through the bottom of the top bracket to hold in place (Fig. 16).



9. Line the pivot bracket up with the multi-angle connector and center on the post and mark the placement (Fig. 10 & 11).

14. Place caps on the bottom of each rod in each of the multi-angle brackets to finish the installation (Fig. 17).

