

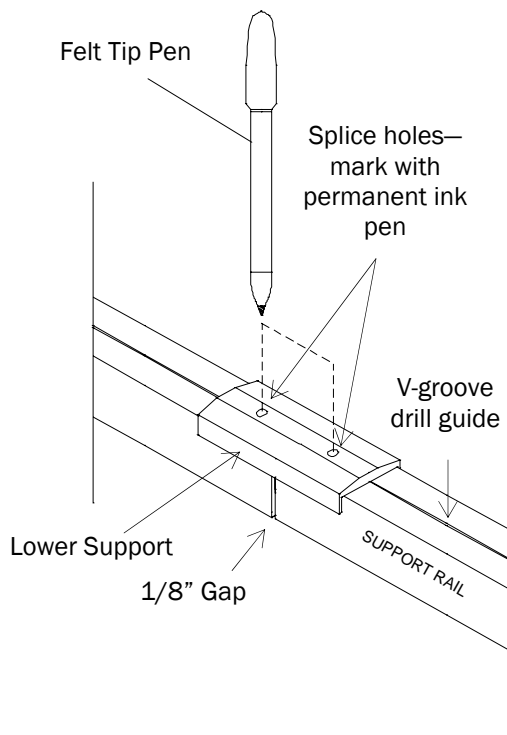
Installation steps overview

- 1) Utilizing the Splice Kit
- 2) Attaching Support rails to the TileTrac®/FastJack®
- 3) Installing modules
- 4) Clean up and safety

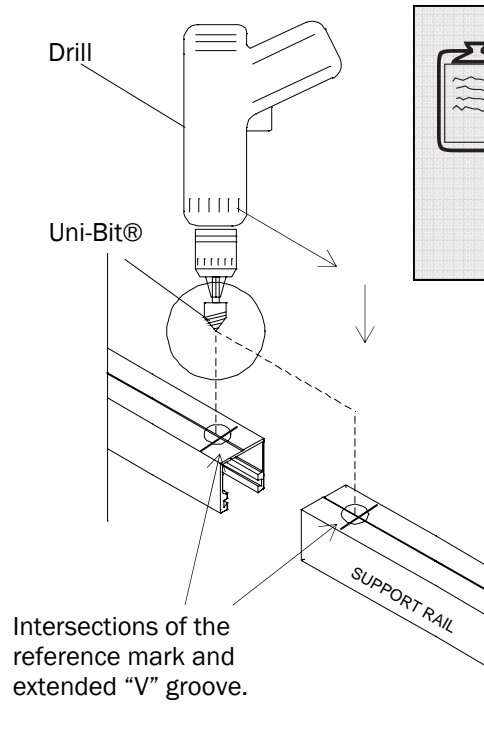
Step 1: Utilizing the Splice Kit



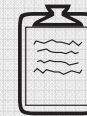
It is recommended that you pre-install the splice kit on the ground for easier handling of the support rails. After installing the splices, set the lengths against the building. Typically, the installer on the roof can pull the lengths to the roof without any mechanical equipment and handle the lengths as one unit.



Turn the support rails upside down (as illustrated) so the bottom is facing up. Place the lower support over the rails to use as a template. Center the lower support over the rails and mark along the V-groove drill guide using a small felt pen.



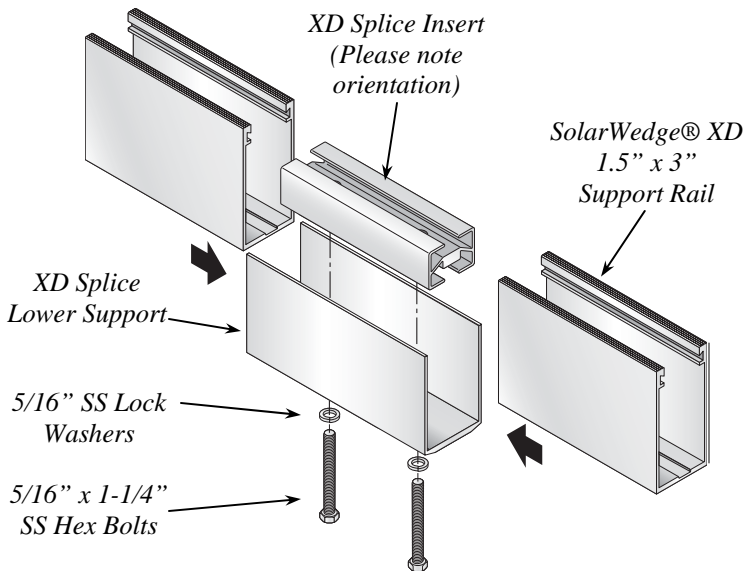
Drill two holes using a 1/2" #10 UniBit®. Drill at the intersection of the reference mark and the "V" groove drill guide.



Use of a Unibit® will decrease drill time to approximately 3 seconds per hole

Step 4: Installing XD Splice

Install XD Splice prior to installing support rails



Pre-install splice kits for easier handling of support rails and to ensure support rail holes are properly aligned with your attachments. Install splice kits as illustrated to the left.

Turn the support rails upside-down and place the lower splice extrusion over the desired location. Be sure to allow for a 1/8" gap between support rails when planning your splice placement. Using a permanent marker, dot the location of the bolt holes of the lower extrusion on the support rail.

Using a Unibit® #10 Drill bit, drill through each support rail. These will be your bolt holes for the splice.

Turn the support rail right-side up and install the splice kit as illustrated to the left.



Unibit® Drill Bit

Compensates for approx. 1/4" drilled hole spacing inaccuracy
Short bit length prevents drilling through surface below support rail
Bit design prevents drill from twisting as commonly experienced with standard drill bits.

Unibit® 1/2" #10 - Used for Splice Kit

Unibit® 3/4" #3—Used for support rail/leveling hardware integration



Leave 1-1/4" hex bolts fastened when installed within 2" of an inter-module clamp.



Maximum of four rails can be spliced to allow for thermal expansion