



Installation Manual

SGA Addendum - Brace Assembly



Solar Mounting Solutions

Introduction

The IronRidge SGA Addendum - Brace Assembly is an additional bracing component only needed in certain instances of SGA ground mount installations. Please note this addendum's steps should be followed in between Step 2 and Step 3 of the SGA Installation Guide.

1. Component List

Note: The component list indicated here is for reference only. The actual component quantities will vary according to the quantity and make of modules that the mount is configured for.

Diagonal Brace - 2" (29-0200-CBR) or 3" (29-0300-CBR)

Connects the vertical piers together, acting as a diagonal brace.



Sleeve - 2" (70-0200-002) or 3" (70-0300-002)

Joins the diagonal cross brace to the vertical piers. Includes 1/2-inch hardware (2 bolts, 2 nuts, 4 washers and 2 lock washers), 4 set screws, 4 jam nuts.



2. Installation

Installing the Brace Assembly

Note: Install the sleeves prior to attaching pier caps. The below steps take place between Step 2 and 3 of the SGA Installation Manual.

1. Slide sleeve onto northern pier, raising it 2-3" above the ground, and tighten to 40 foot pounds.
2. Attach the diagonal brace to the sleeve using the provided 1/2" hardware.
3. Slide the second sleeve on the south pier, raising the diagonal brace to align holes in both the sleeve and brace. Insert hardware to hold.
4. Raise southern pier's sleeve to end of upward travel. Tighten set screws.
5. Torque all sleeve and diagonal brace hardware to 40 foot pounds.

