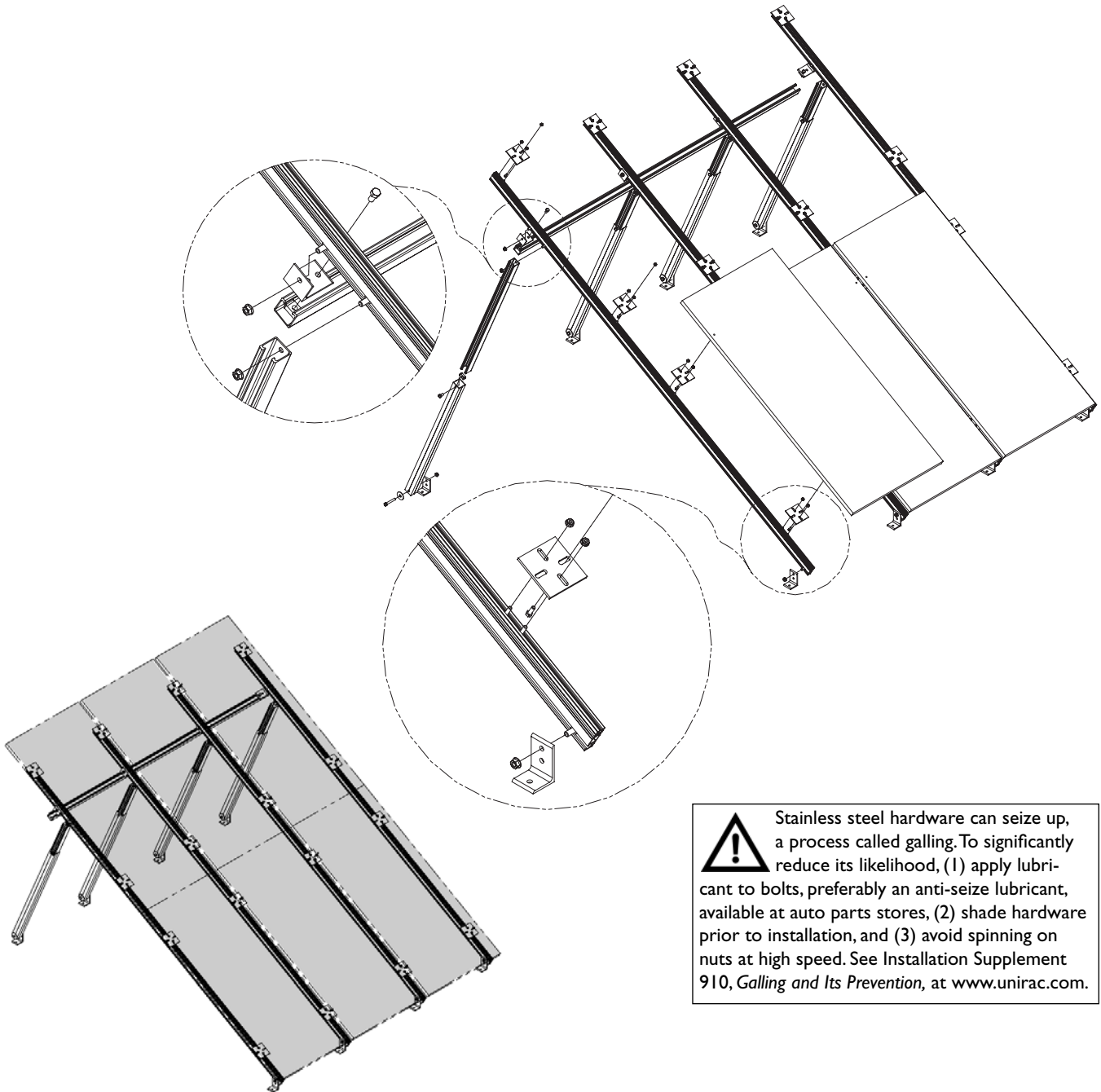



# Series UDD PV Module Rack

## with SolarMount™ Rails and Adjustable Legs

### *Installation Manual 701.1*

U.S. and other patents pending.

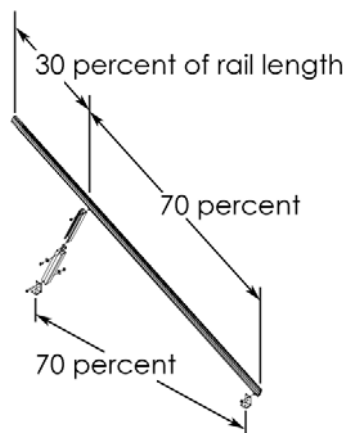


 Stainless steel hardware can seize up, a process called galling. To significantly reduce its likelihood, (1) apply lubricant to bolts, preferably an anti-seize lubricant, available at auto parts stores, (2) shade hardware prior to installation, and (3) avoid spinning on nuts at high speed. See Installation Supplement 910, *Galling and Its Prevention*, at [www.unirac.com](http://www.unirac.com).

### Assembly notes

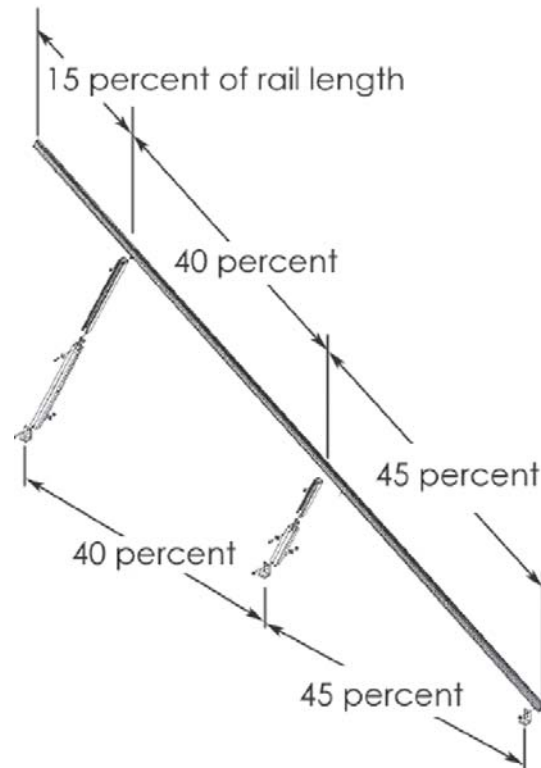
- UDD models with rails 120 inches or longer have two legs per rail. For leg arrangements and spacing, see illustrations below and at right.
- The distance between rails varies, depending on the PV modules you are mounting. It approximately equals the distance between the mounting holes on the modules plus 3/4 to 1 inch.
- The distance between the front foot and the rear leg (along the rail) equals the distance from the front foot to the rear foot.
- The rear cross brace(s) attaches to the rails above the rear leg.
- Hardware is supplied to attach the cross brace(s) to each rail of the array.

Leg and foot placement for 96- and 106-inch Solar-Mount rails



Spacing (inches) of Footing Bolts and L-Feet (one leg per rail)

	Rail Length	70% Rail Length
UDD96	96	67
UDD106	106	74



Leg and foot placement for 120- to 144-inch Solar-Mount rails.

Spacing (inches) of Footing Bolts and L-Feet (two legs per rail)

	Rail Length	40% Rail Length	45% Rail Length
UDD120	120	48	54
UDD132	132	53	59
UDD144	144	58	65

### 10 year limited warranty

UniRac, Inc., warrants to the original purchaser of the Product ("Purchaser") at the original installation site ("Site") that the U-DD module rack (the "Product") shall be free from defects in material and workmanship for a period of ten (10) years from the earlier of 1) the date the installation of the Product is complete at the Site, or 2) 30 days after the purchase of the Product by the original Purchaser. This Warranty does not cover damage to the Product that occurs during shipment, nor prior to or during installation of the Product at the Site.

This Warranty shall be void if installation of the Product is not performed in accordance with

UniRac's written installation instructions for the Product, or if the Product has been modified, repaired, or reworked in a manner not previously authorized by UniRac in writing, or if the Product is installed in an environment for which it was not designed. UniRac shall not be liable for consequential, contingent, or incidental damages arising out of the use of the Product by the Purchaser.

If within the specified Warranty period the Product shall be reasonably proven to be defective, then UniRac shall repair or replace the defective Product, or any part thereof, at

UniRac's sole option. Such repair or replacement shall fulfill all UniRac's liability with respect to this limited Warranty. Under no circumstances shall UniRac be liable for special, indirect or consequential damages arising out of or related to use by Purchaser of the Product.

Typically manufacturers of related items, such as PV modules, provide written warranties of their own. UniRac's limited Warranty covers only the Product, and not PV modules themselves or any other related items.

