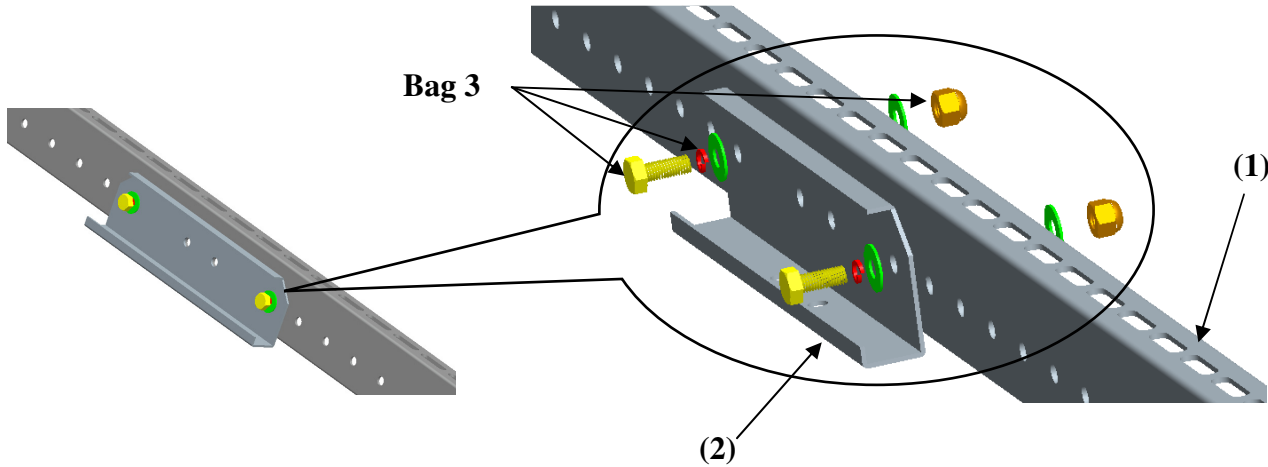
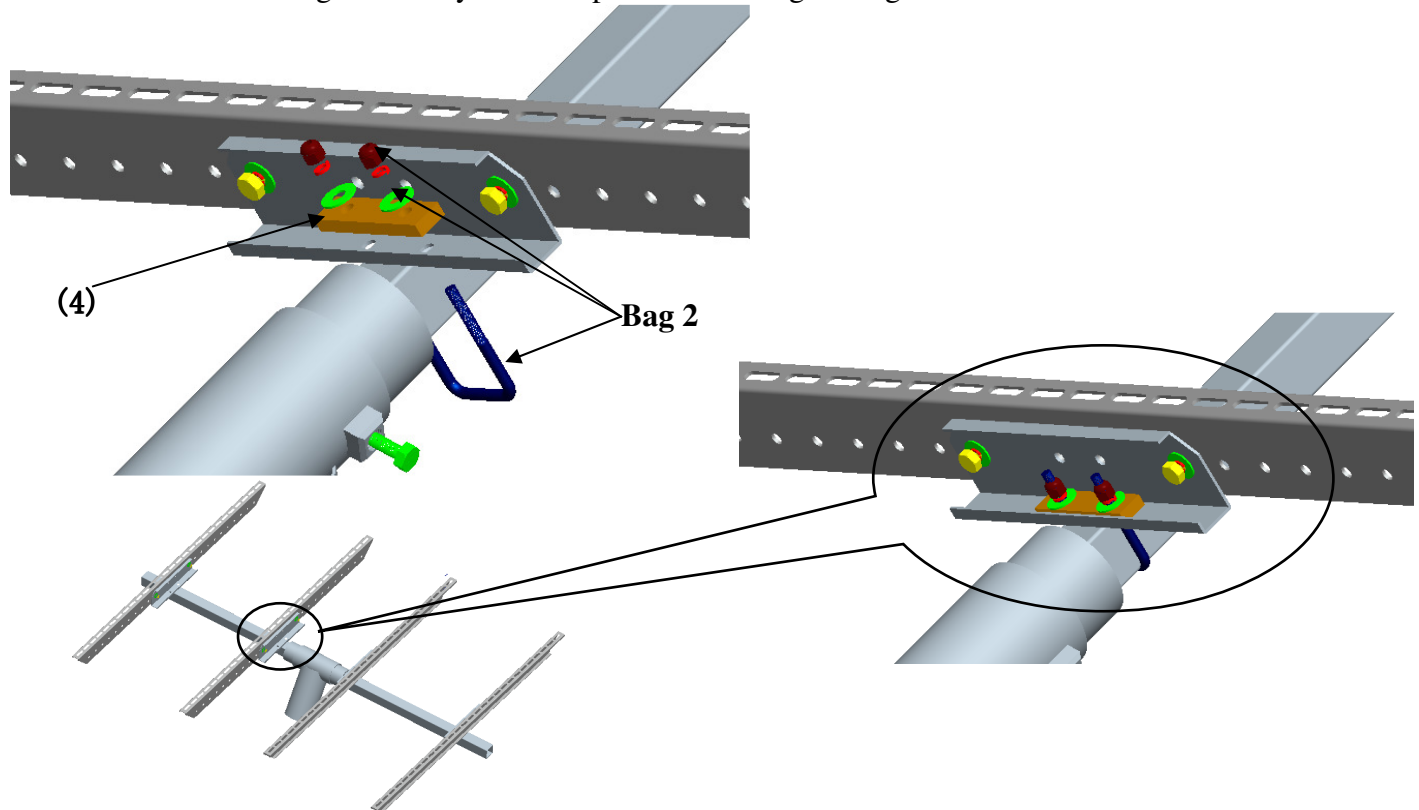




- 2.** Assemble 4 units of the Solar Panel mounting Support rail by attaching the Solar mount rail (1) and support rail (2) using the 2 x M10 Hex-cap Bolts, 4 x M10 Flat Washers, 2 x M10 Nuts, and 2 x M10 Split lock washers as shown in the diagram.

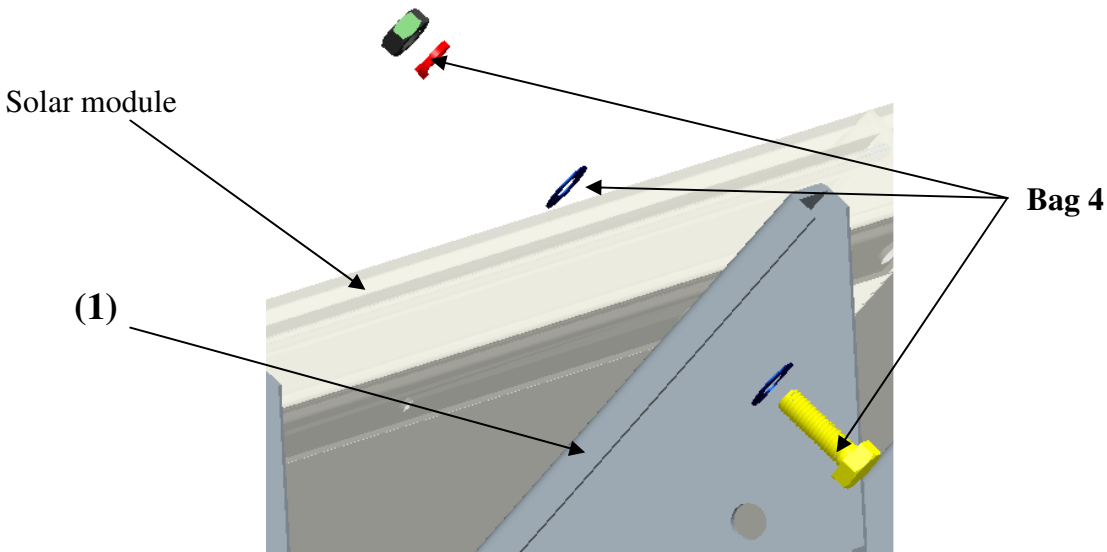


- 3:** Assemble 4 Solar Support Mounting Rails on the Guide Rail by attaching the cushion block (4) with assembled Solar Panel Support rails with the M8 right angle U-bolt, 2 x M8 Flat washers for U-bolt, 2 x M8 split lock washers for U-bolt as shown in diagram. Pre-measure the distance of the support rail with the mounting holes on your solar panels before tightening all the U-bolt nuts down.





4: Install each of your Solar Panels on the Solar Support Mounting Rails as show in the picture using the 4x M6 hex-cap bolts, 4 x M6 split lock washers, 4 x M6 flat washers, 4 x M6 hex nuts as shown in the diagram.





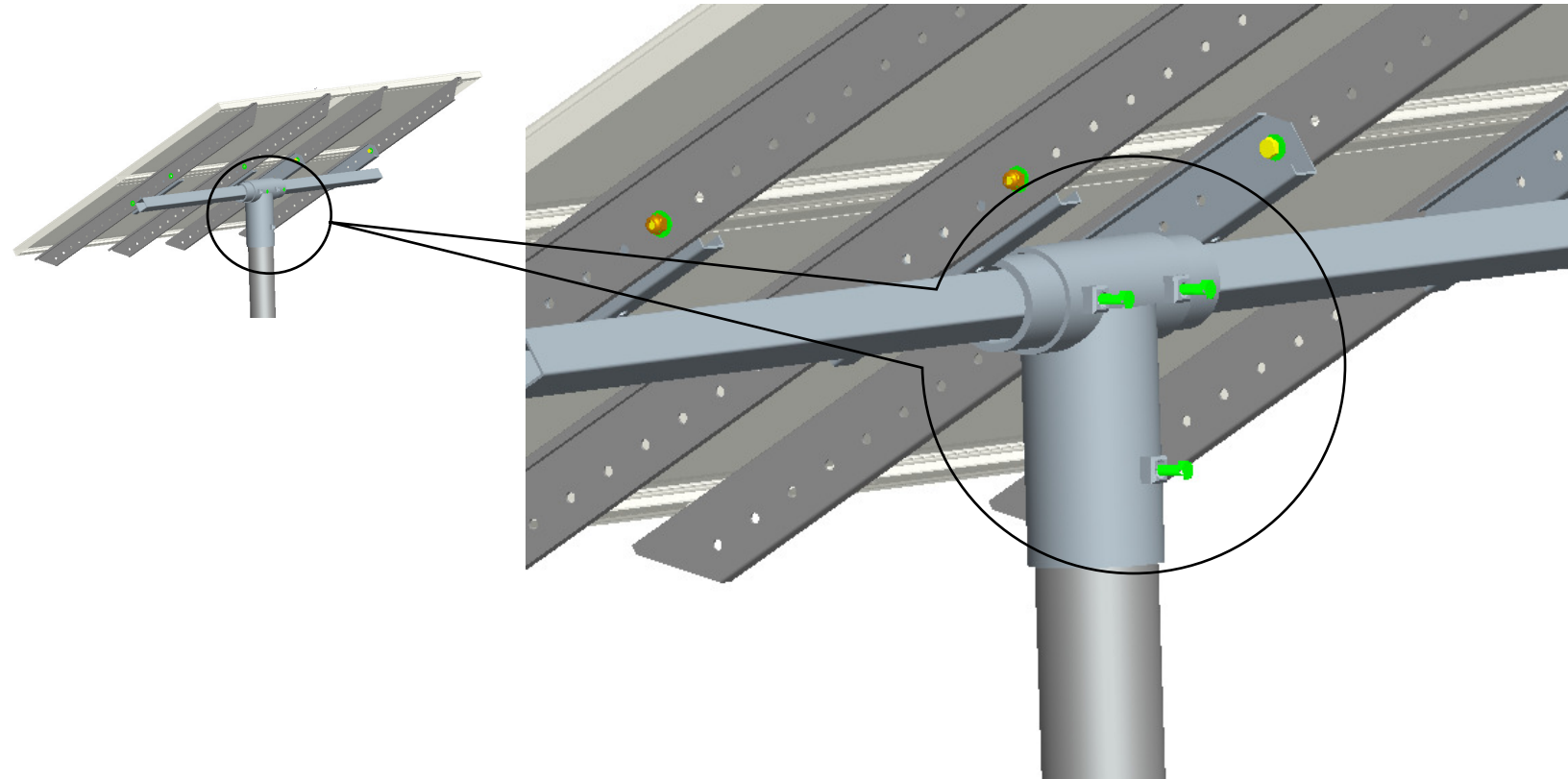
SOLARTECH
POWER, INC.

SolarTech Power, Inc.

www.solartechpower.com
sales@solartechpower.com

1070 N. Kraemer Pl
Anaheim, CA 92806
Tel: 714-237-7500
Toll Free: 800-966-5018
Fax: 714-237-7501

5: Lift the Assembled Solar Mounting and fit the Cross pipe section into your 4" pole adjust the whole unit to face the optimum direction of sun light. Tighten down the Single M16 Nut to prevent the unit from swirling. Then adjust the Angle of the Guide rail to the appropriate degree of incline based on the location of your installation to optimized sun light condition. Tighten down the 2 x M16 Hex bolts after the optimum angle has been reached as shown in the Diagram.





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Best Angle for Your Solar Panel

State	latitude	longitude
Alabama	32° 31' N	86° 51' W
Alaska	63° 40' N	154° W
Arizona	34° 20' N	111° 3' W
Arkansas	35° N	91° 41' W
California	36° 70' N	119° 8' W
Colorado	39° 5' N	105° 52' W
Connecticut	41° 6' N	73° 11' W
Delaware	38° 09' N	75° 52' W
Florida	27° 6' N	81° 21' W
Georgia	32° 2' N	82° 9' W
Hawaii	19° 9' N	155° 55' w
Idaho	44° 6' N	114° W
Illinois	40° 6' N	89° 39' W
Indiana	40° 5' N	85° 6' W
Iowa	41° 8' N	93° 48' W
Kansas	39° 02' N	98° 15' W
Kentucky	37° 80' N	84° 3' W
Louisiana	31° 17' N	92° 27' W
Maine	45° 25' N	69° 48' W
Maryland	39° 58' N	76° 30' W
Massachusetts	42° 29' N	71° 27' W
Michigan	42° 57' N	85° 29' W
Minnesota	43° 39' N	93° 21' W
Mississippi	32° 35' N	89° 37' W
Missouri	37° 9' N	91° 8' W
Montana	46° 8' N	110° 2' W
Nebraska	42° 22' N	99° 30' W



Best Angle for Your Solar Panel (continued)

State	latitude	longitude
Nevada	39° 10' N	119° 46' W
New Hampshire	44° 03' N	71° 02' W
New Jersey	39° 38' N	74° 46' W
New Mexico	32° 54' N	105° 57' W
New York	40° 7' N	74° W
North Carolina	35° 42' N	79° 48' W
North Dakota	47° 55' N	101° W
Ohio	41° 03' N	81° 31' W
Oklahoma	35° N	97° 29' W
Oregon	44° 38' N	123° 07' W
Pennsylvania	40° 36' N	75° 28' W
Rhode Island	41° 30' N	71° 20' W
South Carolina	34° 30' N	82° 29' W
South Dakota	45° 27' N	98° 26' W
Tennessee	35° 26' N	84° 35' W
Texas	31° 90' N	99° 91' W
Utah	39° 30' N	111° W
Vermont	44° 12' N	72° 31' W
Virginia	38° 47' N	77° 05' W
Washington	38° 9' N	77° 57' W
West Virginia	38° 5' N	80° 40' W
Wisconsin	44° 16' N	88° 24' W
Wyoming	42° 54' N	106° 29' W