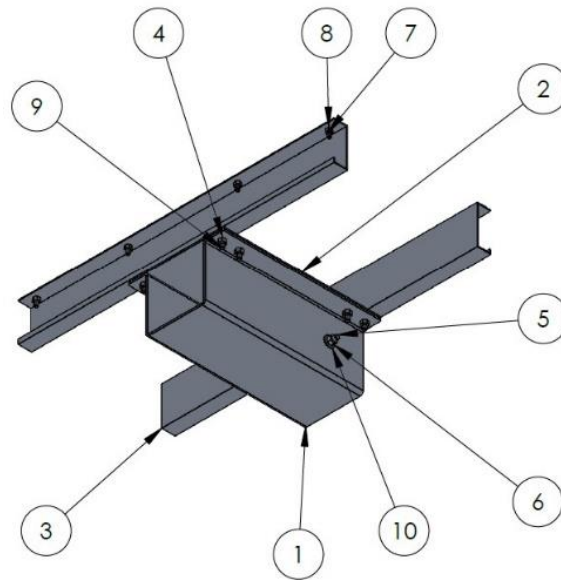




Array Mounted Soiling Kit #16110 | Square Torque Tube

Introduction

NRG Systems’ Array Mount for square torque tubes allows two matched 35W panels to be installed on the end of an array. The 35W match panels are sold separately in kit #15152.



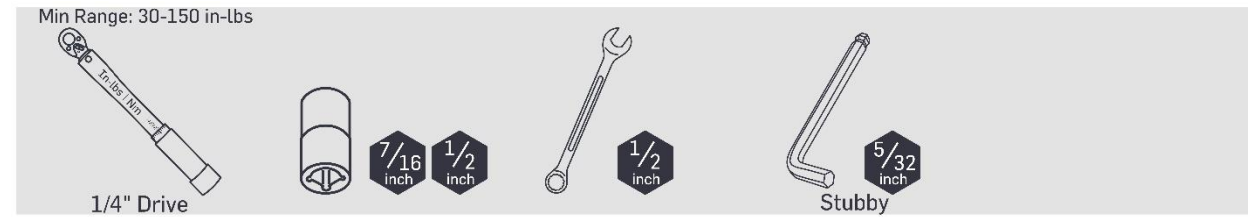
#16110: Parts/BOM

NRG Part Number	Part Description	Part Specification Notes	Qty	Diagram Key
15578	Torque Tube Clamp		1	1
15580	Torque Tube Plate		1	2
15301	35W Panel Support		2	3
14979	Nuts	5/16-18 Threaded Nylock Stainless steel	8	4
16100	Torque Tube Bolt	3/8-16 Threaded 6" Length Stainless steel	1	5
16101	Torque Tube Nut	3/8-16 Threaded Stainless steel	1	6
12022	Buttonhead Screw	1/4-20 3/4" length 18-8 stainless steel	8	7
10406	Nylock Nut	1/4-20 Nylon insert 18-8 stainless steel	8	8
16195	Bolts	5/16-18 Threaded 1" Length Stainless steel	8	9
12095	Torque Tube Washer	3/8" ID Stainless steel	2	10



Tools

Required for Assembly

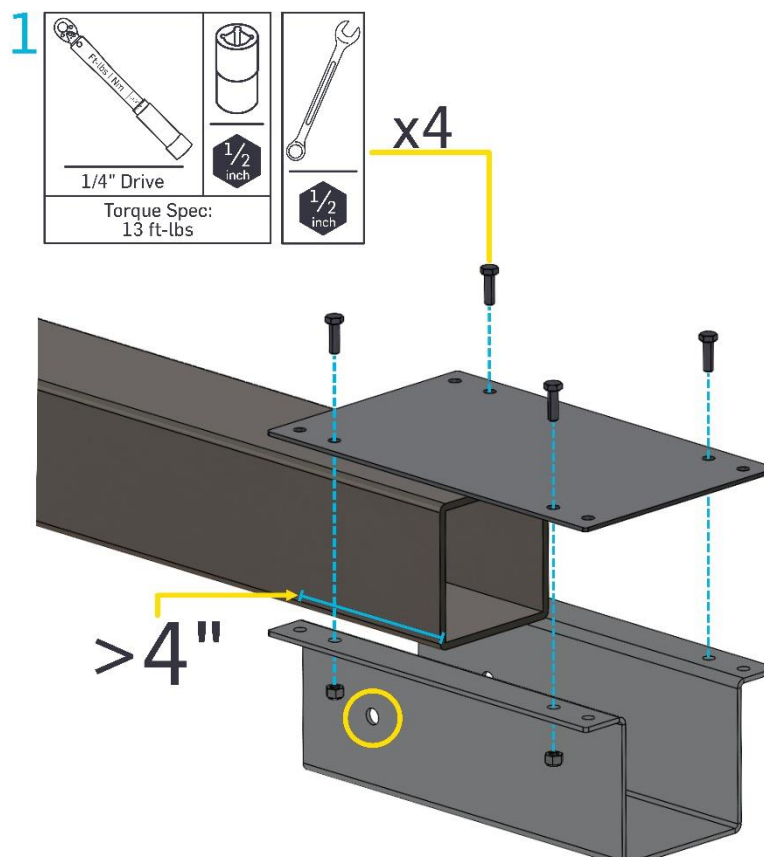


Apply a small amount of anti-seize to the bolt threads.



Procedure

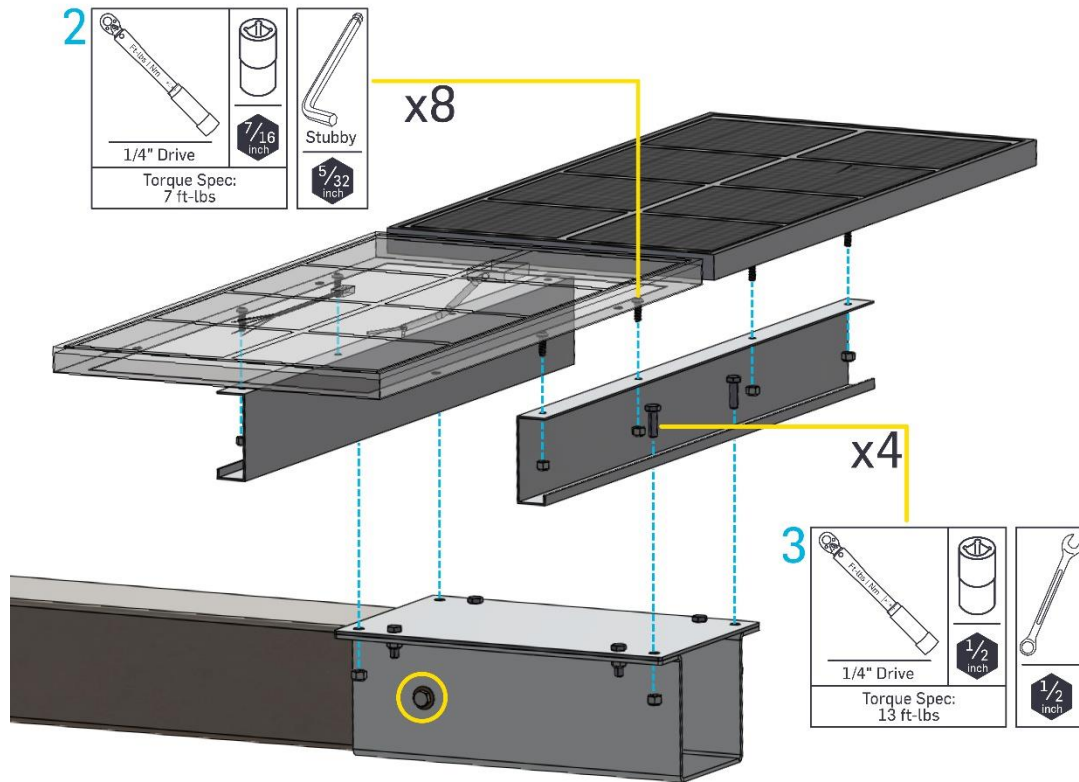
1. Bolt the torque tube clamp and plate around the end of the torque tube with supplied 5/16-18 stainless hardware.
Ensure that a minimum of 4" of torque tube is inside the clamping assembly.



**If the assembly is being bolted to the torque tube, mark and drill out the holes prior to attaching the clamping assembly. Mark the location of the hole circled in the diagrams on the torque tube.*



2. Attach the matched pair of 35W PV panels to the support brackets with the 1/4-20 hardware.
3. Mount the PV panel assembly to the torque tube clamp.



Bolting to the Torque Tube

Kit #16110 includes a full-threaded 3/8-16x6" bolt, washers, and nut for securing the PV panel assembly to the torque tube. Refer to the tool list below. Torque hardware to **25 ft-lbs**.

