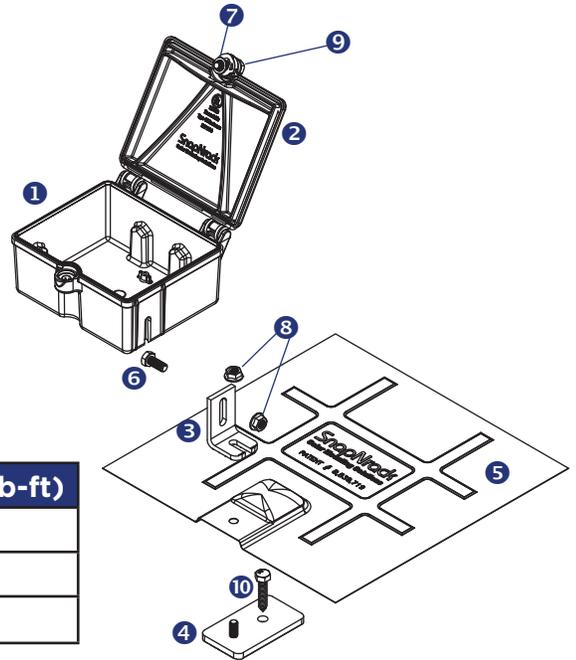


Junction Box S with Comp Kit Installation Manual

Part No. 242-01113

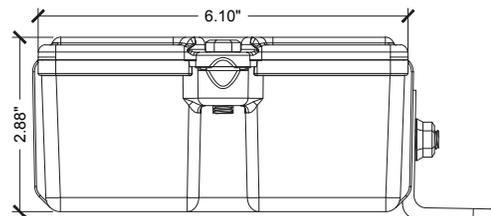
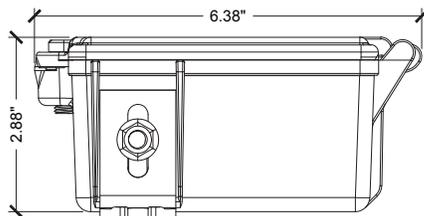
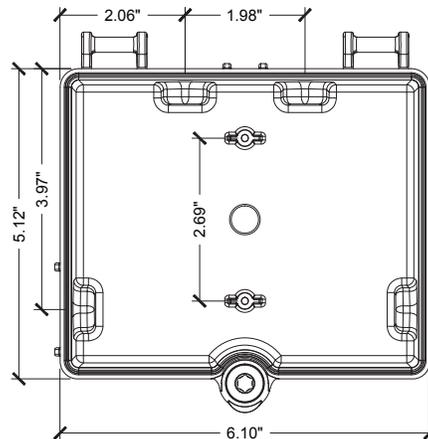
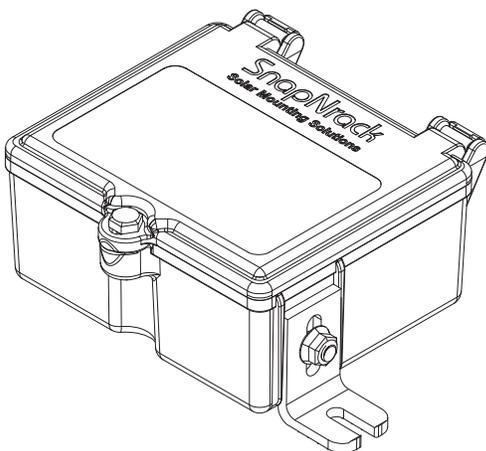
Materials Included

- ① (1) SnapNrack Junction Box Body
- ② (1) SnapNrack Junction Box Lid w/ Gasket
- ③ (1) SnapNrack Wire Management L Foot
- ④ (1) SnapNrack L Foot Base
- ⑤ (1) SnapNrack L Foot Flashing
- ⑥ (1) 5/16"-18 X 1" HCS Bolt
- ⑦ (1) Self Retaining Washer
- ⑧ (2) 5/16" SS Flange Nuts
- ⑨ (1) 5/16"-18 X 3/4" SS HCS Bolt
- ⑩ (1) Lag Screw, 5/16" X 1-1/2"



Hardware Description	Torque Specification (lb-ft)
L Foot Base Flange Nut	12 lb-ft (144 lb-in)
L Foot to Box Mounting Hardware	5 lb-ft (60 lb-in)
Junction Box Lid	3 lb-ft (36 lb-in)

Technical Specifications	
Internal Dimensions	5.5" x 4.5" x 2.6" (inner box area)
Material	Box: Polycarbonate Gasket: Rubber
UL Environmental Rating	Type 4X (NEMA 4X)
Certifications	UL50
Temperature Range	-40°F - 185°F (-40°C - 85°C)
Compatibility	Box Mount: Comp Shingle Roof, Internal Mount: Type O DIN Rail

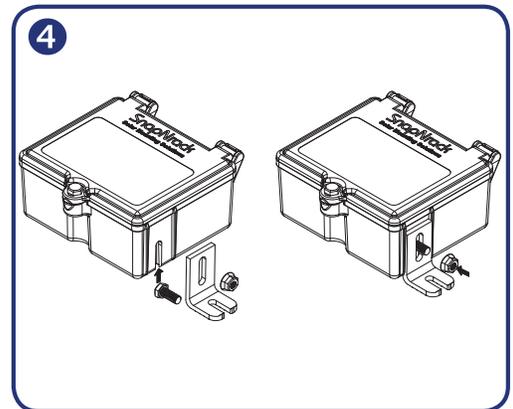
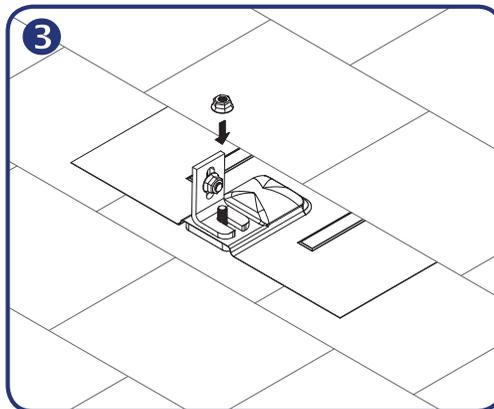
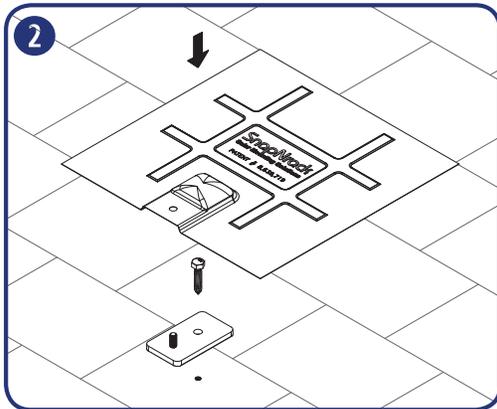


Required Tools

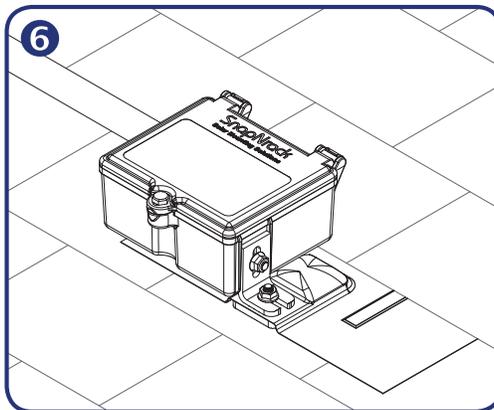
- Socket Wrench
- Torque Wrench
- 1/2" Socket

Step-by-Step Instructions

1. Locate the junction box at the edge of the array where the conduit will terminate. Junction box access after installation should not require the removal of more than one module.
2. Mount L Foot Base and Flashing into a rafter or roof decking using the 1-1/2" lag screw, so that the Flashing goes under the course of shingles directly above the Base.
3. Position mounting L Foot so it seats on stud and torque flange nut to 12 lb-ft (144 lb-in).
Best Practice: Keep Junction Box square to edge of array.
4. Attach junction box to L Foot by sliding bolt head into available molded slot in box, then tightening flange nut to 5 lb-ft (60 lb-in).
Install Note: Pay attention to Junction Box orientation when choosing mounting slot.



5. Install outdoor-rated, sealed conduit fitting or sealed strain relief to side wall of junction box and complete wiring installation.
CAUTION: Nonmetallic enclosure does not provide grounding between conduit connections. Use grounding bushings and jumper wires.
6. Once wiring is complete, close lid and tighten bolt until the front lid tab makes contact with the tab on the box, then torque to 3 lb-ft (36 lb-in) minimum.



Installation Note:

To avoid the accumulation of water as a result of condensation inside junction boxes it is acceptable to add drainage openings with a minimum diameter of 1/8 inch and a maximum diameter of 1/4 inch. (Per NEC, 314.15)