Junction Box XL with Comp Kit Installation Manual
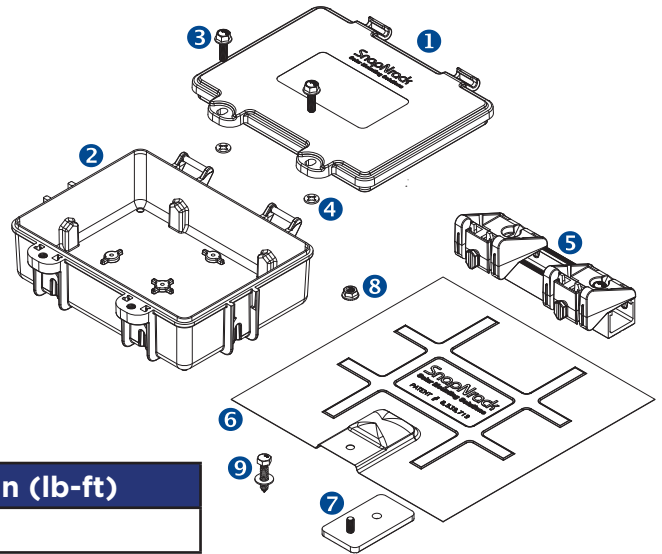
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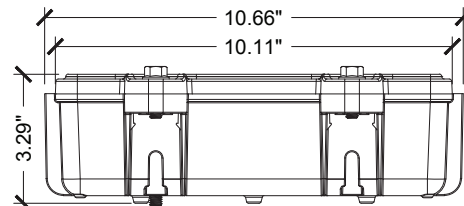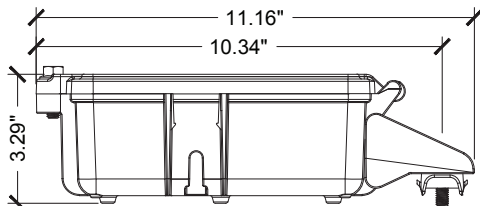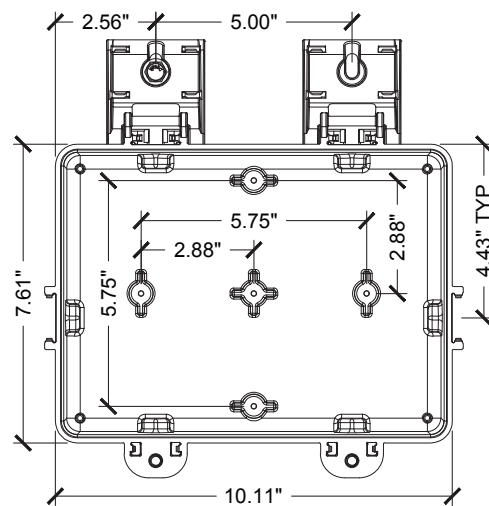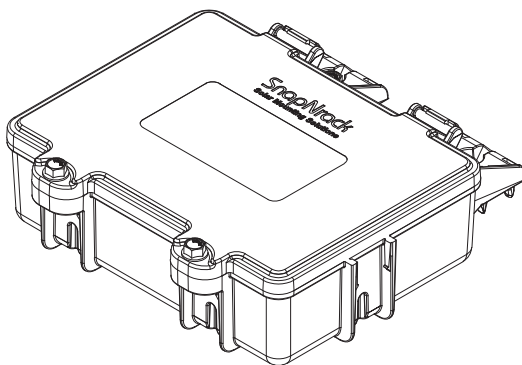
Materials Included

❶ (1) SnapNrack Junction Box XL Lid w/ Gasket
❷ (1) SnapNrack Junction Box XL Body
❸ (2) 5/16"-18 X 1" HCS Bolts
❹ (2) Self Retaining Washers
❺ (1) SnapNrack Track with Mounting Brackets
❻ (1) SnapNrack L Foot Flashing
❼ SnapNrack L Foot Base
❽ (1) 5/16" SS Flange Nut
❾ (1) Lag Screw, 5/16" X 1-1/2"

Hardware Description	Torque Specification (lb-ft)
Junction Box XL Lid	3 lb-ft (36 lb-in)

Technical Specifications	
Internal Dimensions	8.8" x 6.3" x 2.5" (inner box area)
Material	Flashing: Black Galvanized Steel Track: Black Anodized Aluminum Lag Screw: Stainless Steel Box: Polycarbonate Gasket: Closed-Cell Foam
UL Environmental Rating	Type 4X
Certifications	UL50/UL50E
Compatibility	Box Mount: Comp Shingle Roof

Required Tools

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

Step-by-Step Instructions

1. Locate the Junction Box XL nearest 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 track.

3. Mount Track onto L Foot Base and Flashing with the flange nut, then torque to 10 lb-ft (120 lb-in) minimum.

4. Slide rear of Junction Box XL onto Mounting Brackets and snap into place.

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 bonding bushings and bonding jumpers.*

6. Once wiring is complete, close lid and tighten bolts until the front lid tabs make contact with the tab on the box, then torque to 3 lb-ft (36 lb-in) minimum.

SNAP

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