



SlatePlate™ Installation & Specifications Guide

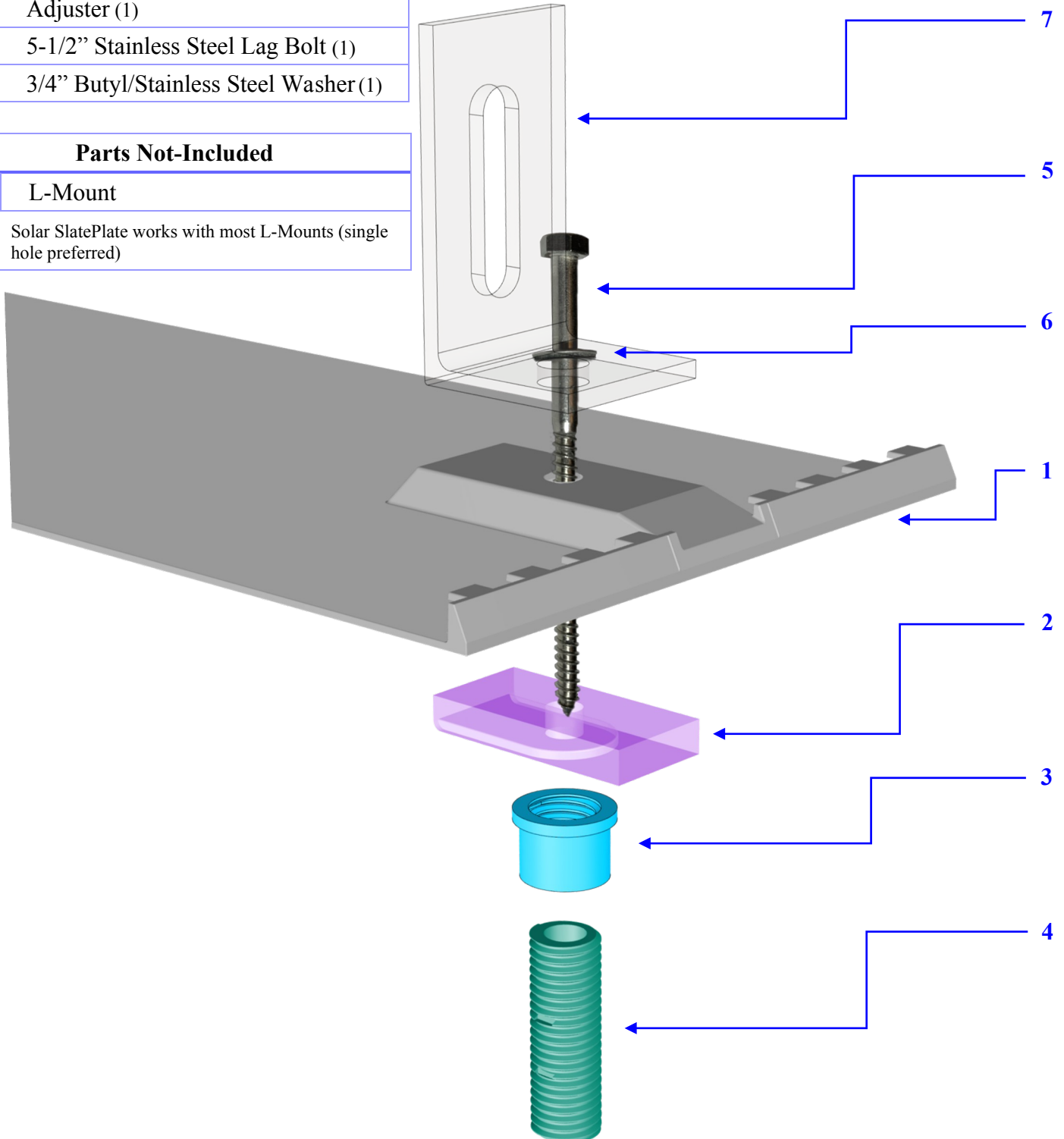
For Customer Service: (781) 838-0789

Parts Included

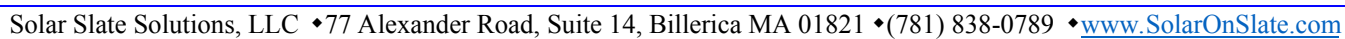
1	SlatePlate (1)
2	Base w/Notch (1)
3	Spacer (1)
4	Adjuster (1)
5	5-1/2" Stainless Steel Lag Bolt (1)
6	3/4" Butyl/Stainless Steel Washer (1)

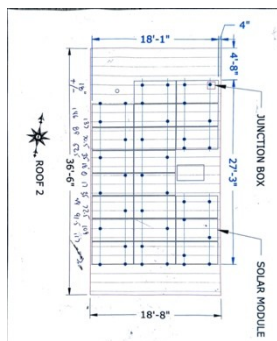
Parts Not-Included

7	L-Mount
Note: Solar SlatePlate works with most L-Mounts (single hole preferred)	



The SlatePlate™ System is protected under U.S. Patent No's. 10,541,641 & 10,601,361 and other patents pending and in Europe under Patent No. EP3704791





Once the rafters have been found, identify mounting locations. Be sure to follow all engineering, local, and state ICC Codes.

Use template to scratch drill points and outline of area to be notched.

Note: Measure up 3" (76 mm) from the bottom of the slate when drilling test holes. This will avoid damage to the rafter where the lag bolt is to be secured.



Using a 3/16" (4.5 mm) bit, drill the center pilot hole all the way into the structural member. This is where the 5/16" (8 mm) lag bolt and L-Mount is to be secured.



Slide a flat bar under the slate. Using a 5/16" (8 mm) bit, drill the two relief holes at the top corners of the notch. Then, using a diamond wheel, carefully grind out the notch on the top slate.

Notes: Don't grind past the 2 drill points to avoid fracturing the slate.

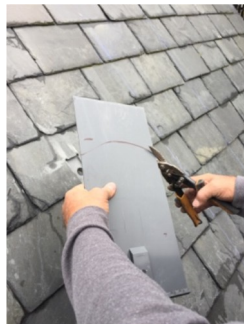


With the three sides of the notch ground out ... a slight tap of the hammer should break the notch free.



Using a 1" (25 mm) masonry hole saw, preferably with a pilot bit, drill the hole thru the slate and down to the roof's sheathing, exposing the wood deck.





Test fit the **SlatePlate** to determine the correct length needed. This is done by sliding the **SlatePlate** up until you hit the nails of the slate above. Mark the **SlatePlate** and cut to fit.

Dry fit the **Spacer** and the **Adjustor** to determine where it needs to be cut. The **Spacer** will always be needed to lock into the Base with notch.

Note: The 1/8" rim of the **Spacer** rests on top of the slate tile (above flush).



Remove the **Spacer** and fill the cavity with a preferred sealant.

Note: Fill the cavity slightly below flush. This will avoid waste and mess.

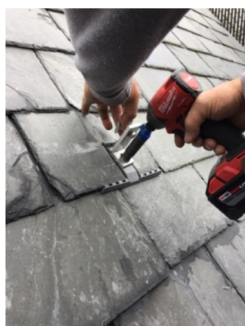


Insert the **Spacer** into the cavity.



Slide the now-cut **SlatePlate** up and into position, locking the **Spacer** into place. The natural slate should sit tight to the bottom of the **SlatePlate**.

Before attaching your desired L-Mount, insert more sealant into the pilot hole cavity until sealant oozes out.



Secure your desired L-Mount with its supplied butyl washer and lag bolt.

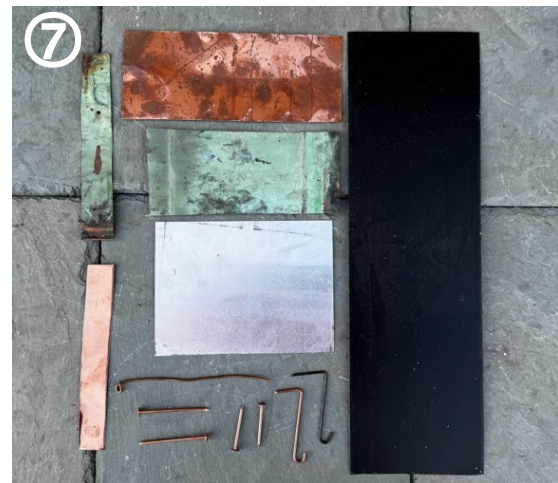
Note: A single hole L-Mount is recommended.



1. Measure the width (11")
2. Measure the exposure of 1 slate (8")
3. Measure the exposure of 2 combined (16") plus 2".



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- A collection of various tools including a hand saw, a reciprocating saw, a circular saw, a hammer, a pry bar, a wrench, a screwdriver, and a metal box, arranged on a wooden surface.





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The SlatePlate™ System is protected under U.S. Patent No's. 10,541,641 & 10,601,361 and other patents pending.

SlatePlate™ has successfully passed rigorous TAS 100(A) wind-driven rain testing at speeds up to 110 MPH, certified by Intertek.

The SlatePlate™ System is protected in Europe under Patent No. EP3704791.

UK (MCS 010 & MCS 012) & Europe Certifications are in progress.