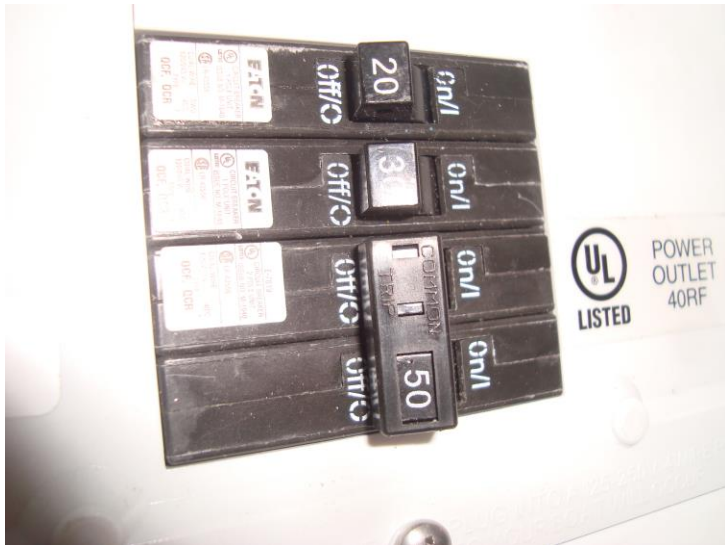


Installation Instructions for Installing a SmartPlug Shore Power Receptacle And Weather Cover To An Exterior or Weather-Exposed Dock Pedestal/Standard Electrical Box:



1. Before beginning the install process, remove all shore power cables from all receptacles, and make sure all breakers are flipped to “off” position. (Picture A)
2. Start by removing the existing twist-lock receptacle from pedestal or power box and detaching all of the wires from the receptacle wire terminals. (Picture B and C)
3. Pull all wires out as far as possible for ease of installation. (Picture D)
4. Remove the pedestal hood or box cover if needed for access to internal wiring.
5. Cut back the wire jacketing if corrosion is present of all pedestal connector wires until you see clean bright copper. Strip all the wire jackets back 7/8 inch and twist the copper wires tightly. Solder the fiber bundles if possible.

A



B



C

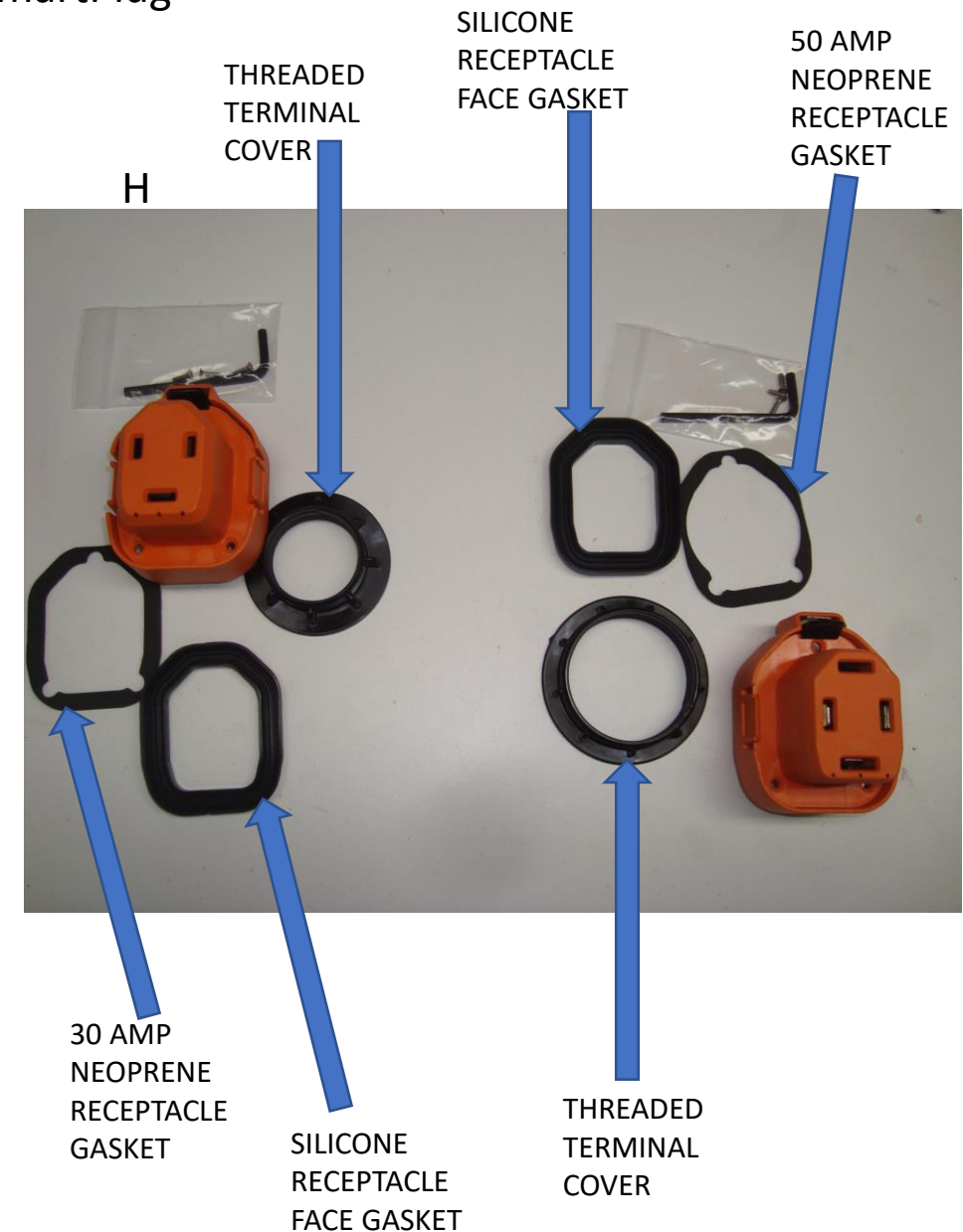
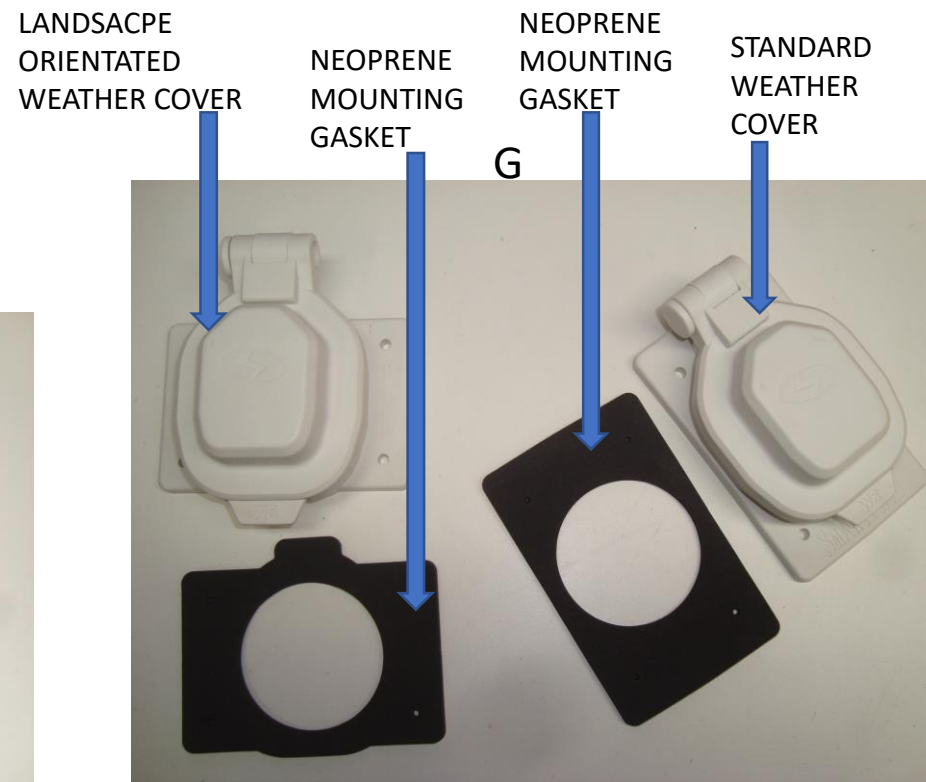
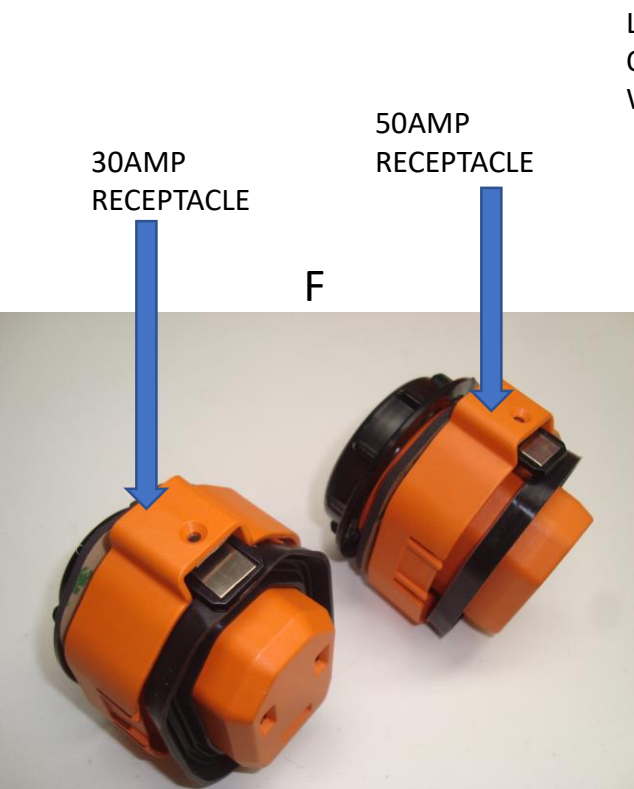


D



6. Prepare the Weather Resistant Receptacle Assembly by unpackaging the SmartPlug receptacle unit and the Weather Cover.

7. Separate the threaded terminal cover, the neoprene receptacle gasket, and the silicon receptacle face gasket from the packaged unit and set everything down together.





8. Feed the wires through the appropriate threaded terminal cover  
(see photo H for size difference between 30A and 50A).  
Important: Make sure the flat surface of the threaded terminal cover is facing away from the pedestal towards you. (Picture I)
9. Slip the threaded terminal cover through the opening of the pedestal wall or box  
and leave it for later. (Photo J and M)

FLAT SURFACE OF  
THREADED  
TERMINAL  
COVER

I



30 AMP  
TERMINAL COVER  
SLIPPED THROUGH  
PEDESTAL MOUNT  
OPENING

J



INTERIOR VIEW  
OF 30 AMP  
TERMINAL  
COVER IN WAITING  
POSITION

K



SLIP LARGE 50 AMP  
TERMINAL COVER  
THROUGH  
PEDESTAL MOUNT  
OPENING

L



INTERIOR VIEW  
OF 50 AMP  
TERMINAL  
COVER IN WAITING  
POSITION

M



10. Remove the adhesive from the back of the receptacle gasket, and adhere it to the back of the receptacle as shown. (Picture N shows the 30A receptacle gasket attached correctly to rear of receptacle assembly.)

11. Now, take the receptacle assembly and place it into the weather cover by lifting the door and inserting the 30amp receptacle completely into the weather door assembly. (Picture O and P).

NOTE\*\* Remove the breakaway ring from the weather door mount to fit the larger 50A receptacle assembly. (Picture S)



S

12. Install the three provided 3/8" Plastite T8 torx screws through the receptacle assembly into the weather door mount with the provided screw driver to 12ft/lb torque by **hand only**. Do not over torque and strip the plastic. (Picture Q and R)

N

50MP  
RECEPTACLE  
GASKET



O



P



Q



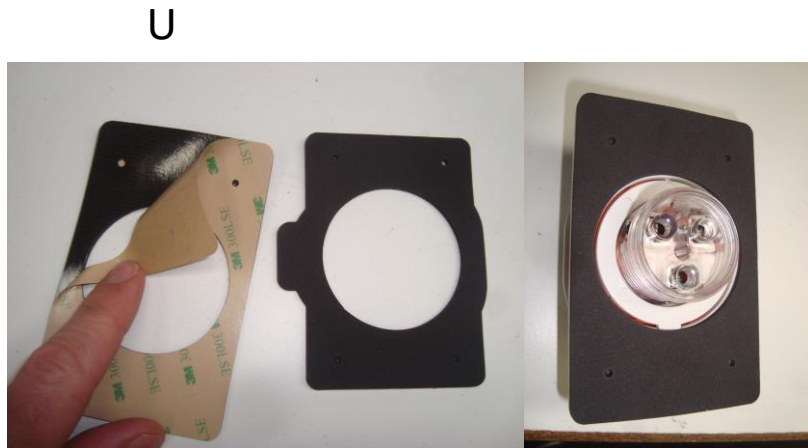
R



13. Remove the adhesive backing from the receptacle face seal, and gently push it into place with your finger or a blunt instrument until it is fully seated and clear from any kinks or folds. (Picture T)
14. Peel the adhesive backing off the weather door mounting gasket, correctly align the gasket to the back of the weather door mount, and carefully adhere the gasket. (Picture U)
15. Use the provided Allen wrench to partially unscrew the three(30amp receptacle) or four(50Amp receptacle) threaded terminal set screws in the back of the assembly to allow plenty of clearance for inserting the copper fibers.  
If possible, attach plug into receptacle to assist with aligning the inner electrical contacts while preparing to tighten the terminal screws. (Picture W)



T



U



V



W

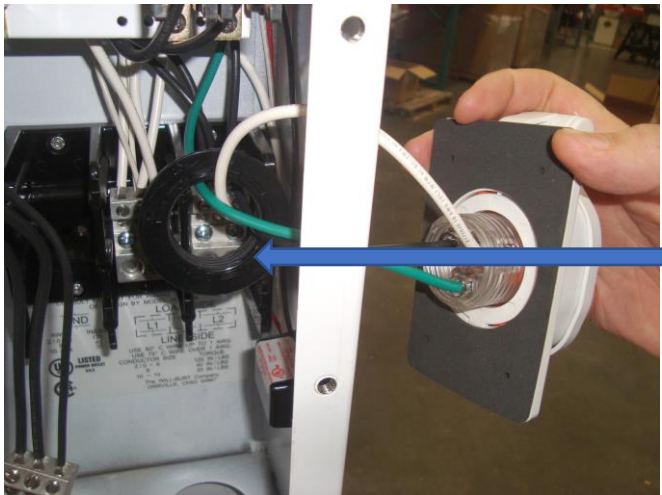


16. Now that there is sufficient room to slip the copper fibers into each terminal, carefully insert each color coded wire into it's corresponding color coded terminal inlet and tighten the screw to 14-20ft/lbs torque. **DO NOT OVERTIGHTEN.** Then, disconnect plug from assembly. (Picture X and Y).
17. Push the wires through the pedestal wall or box cover and align the 4 weather door mount holes. Thread the terminal cover and hand tighten, so it holds the entire assembly in place. (Picture Z)



X

USE ALLEN KEY AND  
TIGHTEN TO  
14-20 ft/lbs ONLY.



Y

THREADED TERMINAL  
COVER IS INSIDE THE  
PEDESTAL BOX BEFORE  
TIGHTENING THE  
TERMINAL SCREWS.



Z



18. Re-install the mounting screws and snap the door shut.

