SOLAR LED TRAFFIC SIGN INSTALL GUIDE
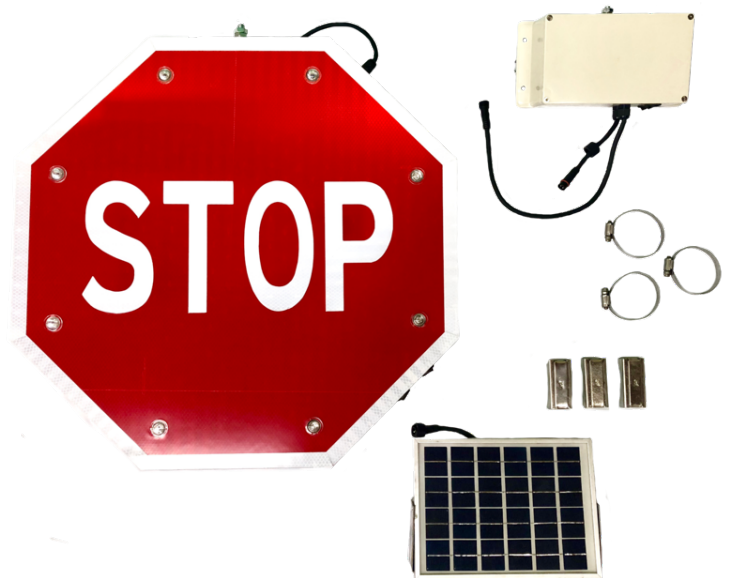
Required Tools & Items:
- Flat head screw driver
- Pole (to mount sign on)

What your order includes:
- 1) Sign
- 1) Junction box
- 3) Metal band ties
- 3) Slider brackets
- 1) Solar panel

For back to back, timer, push button and upgraded; accessories & tools same as above with additional:
- 1) Metal band tie
- 1) Slider bracket

Step 1:
Slide metal band through both slots on the metal slider. Repeat this for all bands & sliders. (Do not thread through to complete the circle, leave open for install onto pole).

Note: Please make sure the curve of the band matches with the curve of the slider below threading through. The curved side will face the pole to create a tighter grip.

Step 2:
Slide 1 metal band & slider bracket into the channels on the back of the sign (1 for the top channel & 1 for the bottom channel)

Note: For back-to-back signs, put 2 slider brackets per metal band. Slide into channels on back of both signs. Continue to next steps.
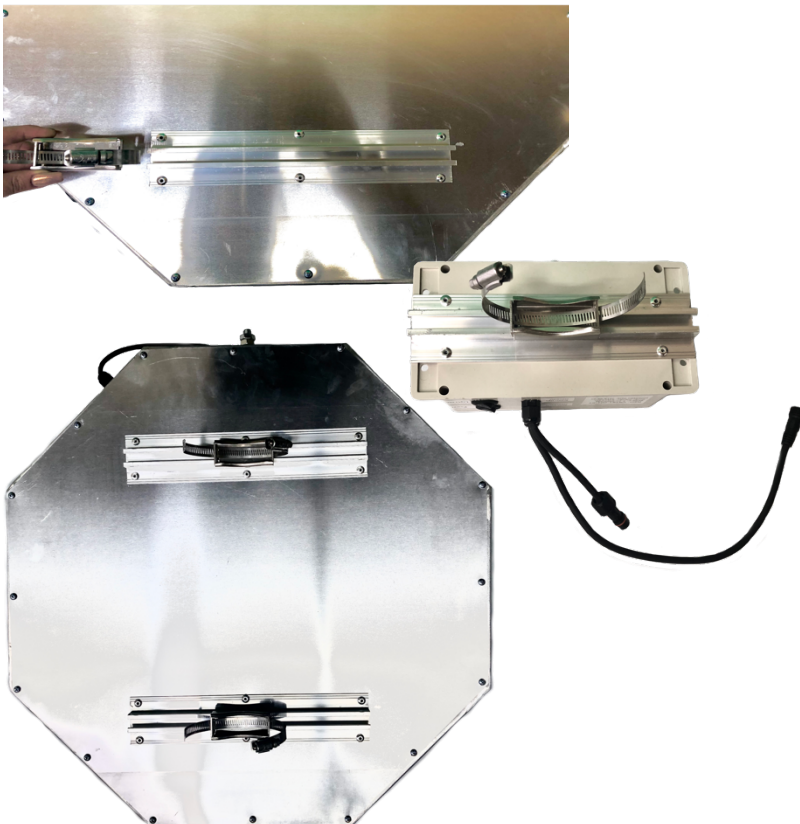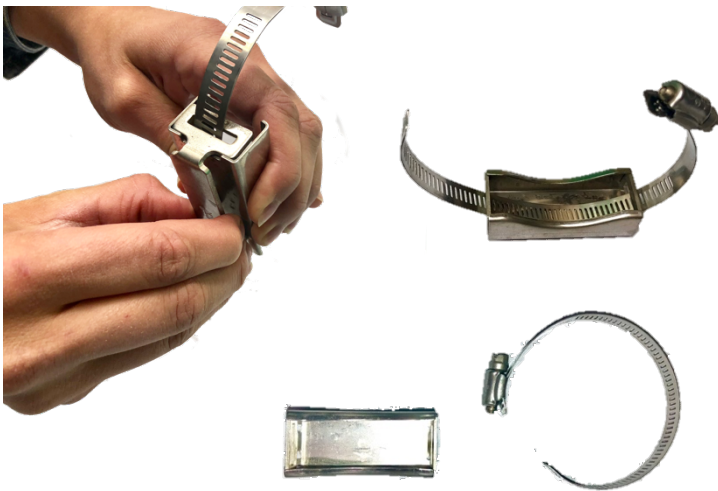
Step 3:
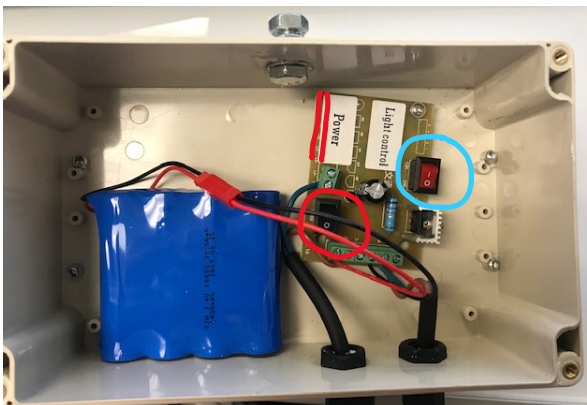Slide the remaining metal band & slider combo into channel on the back of the junction box.

Step 4:
Take the sign (with bands & sliders on the back) and line up with the pole it will be installed on. Take the top metal band and thread it through itself to gain grip before tightening. Proceed to tighten the top band with a flat head screw driver so it is flush with the pole—does not need to be fully tight so adjustments can be made after the bottom band is tightened.
Note: This step is easier with extra hands!

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NOTE: SIGN LEDS ARE MADE FOR FORWARD LIGHT PROJECTION TO LOWER AMBIENT LIGHT POLLUTION ON SIGN'S PERIPHERY—TEST LEDs IN DARK ROOM

Step 5:
While supporting the sign in position, tighten the bottom metal band with the flat head screwdriver. Tighten until just shy of maximum hold (this allows for adjustments).

Adjust the sign so it sits straight—tighten to max capacity to ensure the sign's weight is supported properly.

Note: IF INSTALLING BACK TO BACK JUNCTION BOX, TIMER JUNCTION, PUSH BUTTON, RADAR OR GENERAL UPGRADED ACCESSORIES PLEASE **SKIP TO STEP 9**

Step 6:
Place the junction box above/ behind the sign (can be on same side as the sign or on the back of the pole)—tighten the metal band around the pole to secure in place.

Note: Please make sure the cords from the sign are able to reach the junction box.

Step 7:
Connect the solar panel to junction box cord and mount on top junction box (where screw is located). Make sure it's in the direction of optimal sunlight.

Step 8:
Keep the sign off for the first day to establish initial charge.

Once complete, with the provided Allen wrench/ Hex Key, open up the junction box. Locate the On/ Off switch on the PCB board, turn "On" to begin using. Switch the "Lighting Control" in the "On" position if Dusk to Dawn (night functions) is the desired working mode— leave "Off" for 24/7 operation.

Lastly, close the junction box and re-lock with tool. The sign is ready to use!

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FOR UPGRADED JUNCTION BOXES ONLY - [BACK TO BACK WITH TIMER, TIMER, PUSH BUTTON, RADAR & SOLAR PANEL UPGRADE]**:**

Step 9:
Follow steps as normal except the solar panel and junction boxes have separate mounts. Mount junction box behind sign (towards the top). Connect the cords. Continue to **Step 10**.

*Please Note: For **radar activation** junction boxes, mount on the front side above the sign for the radar to activate by oncoming traffic (microchip on junction box facing to same direction as the front of the sign).

Step 10:
Take nut, bolt and small "u" shaped bracket and attach to solar panel (where hole is on bracket). Mount above junction box with the separate metal mounting band provided.

Step 11:
Keep the sign off for the first day to establish initial charge (ALL SIGNS).

Once initial charge is complete, with the provided Allen wrench/ Hex Key, open up the junction box(s) then determine the box style you have from the below:

> **FOR UPGRADED BATTERY, BACK TO BACK & RADAR & PUSH BUTTON BOXES:** Locate the On/ Off switch on the PCB board, turn "On" to begin using sign.

> **FOR TIMER BOXES:** Locate the On/ Off switch on the PCB board, turn "On"—program it to the desired operation time pattern.

Close the junction box and re-lock with Hex tool. The sign(s) can now be put to use!

If you have any questions during the installation process, please call customer service at the following number for further assistance: (888) 925-1966