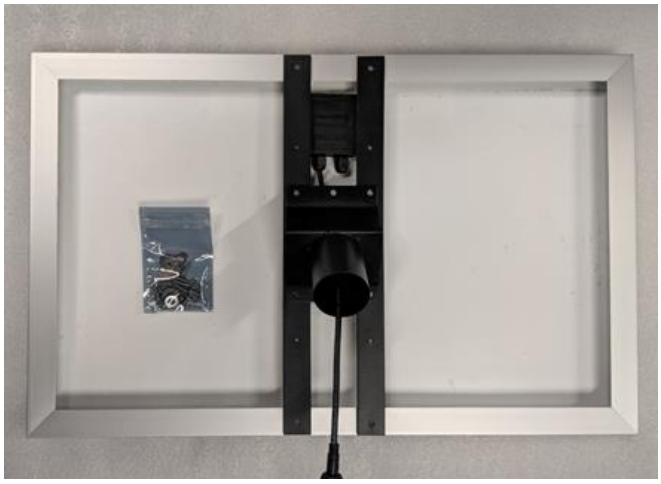
LED SOLAR SIGN ASSEMBLY INSTRUCTIONS

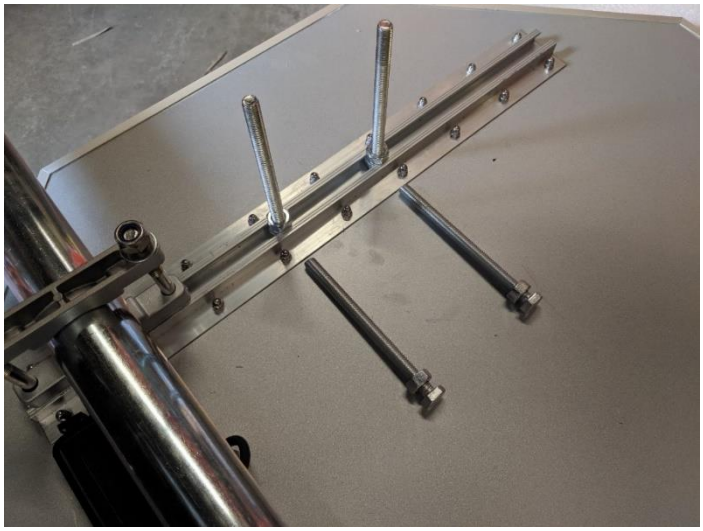
STOP SIGN: Part# SLS-30STOP-8R

PEDESTRIAN SIGN: Part # SLS-30PED-8A

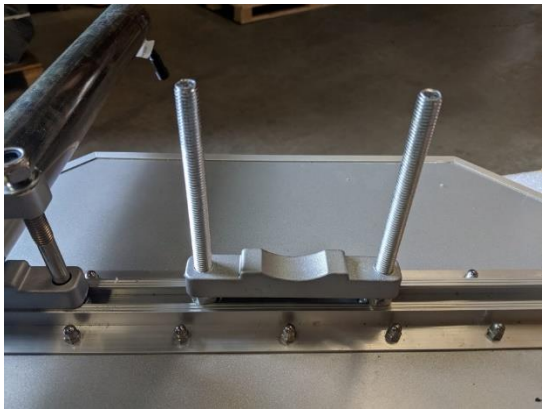
Miscellaneous Parts: Lay out all parts as shown on a flat surface.
Please note: 2020 models contain <u>6 pcs only</u> of silver pole brackets.
4 pcs used to secure solar panel to sign and
2 pcs are used to attach to Sign Post.

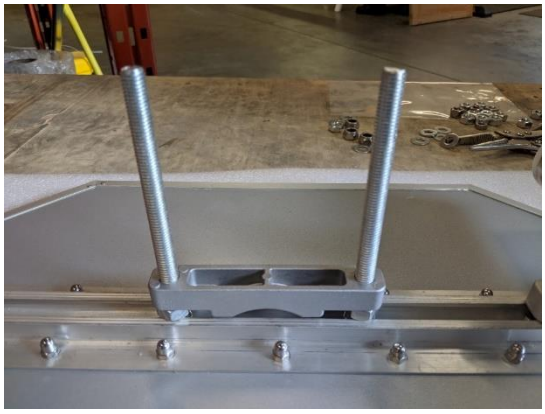


Step #1: Lay solar panel side onto a protected work surface.
Step #2: On backside, mount 2 black brackets to back as shown – with power block sitting between hardware as shown.
Step #3: Mount black angle fixture to black brackets. Slip power cord through center.
Step #4: Silver solar panel pole is shown inserted – but will not be secured until Step #9.



Step #5: Attach 4 nuts to 4 long bolts. Slide all into rails on back of sign 4 sets on each rail.
Step #6: Slip 1 pole bracket (round side facing up) to 2 bolts at left side of sign, Install solar panel and attached pole on top of bracket, place second pole bracket to top of pole and secure with bolts.
Step #7: The second set of bolts will house brackets used for the Sign Post. Need to install bracket to flat side or round side to accommodate the type of Sign Post being used (square or round). See images below for bracket install.





Views of bracket type for a round post or square post.

View of Pole Installed on back of sign

Step #8: lay the pole on top of the round brackets, install second set of brackets and secure with bolts.
Step #9: Install the solar panel to the top of the pole and secure with the short screws.
Step #10: The power …..

TRAFFIC SAFETY WAREHOUSE

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SOLAR LED STOP OR PEDESTRIAN SIGN
Control Box Switches

Built-in Functions

Switch 1. Flashing Mode Switch
UP/ON – Steady Light
DOWN – Flash

Switch 2. Photocell Switch
UP/ON – Auto Turn On Night Only
DOWN – Light Always On

Switch 3. Auto Dimming Switch
UP/ON – Auto Dims at Night
DOWN – Do Not Auto Dim

Recommended Settings

North of 49th Parallel Locations

Summer	Winter
#1 DOWN	#1 DOWN
#2 DOWN	#2 UP/ON
#3 UP/ON	#3 UP/ON

South of 49th Parallel Locations

All Seasons
#1 DOWN
#2 DOWN
#3 UP/ON

- We recommend at all times #3 should be in dimming mode UP/ON to lower light at night for drivers.
- Solar panels must be at an angle facing due south and not be shaded by trees, buildings etc.
- Panel needs full daylight in winter and dark periods.
- Snow and debris should be removed from panels when possible.
- If light stops working due to long hours in darkness, it may take 10 days or more of sunlight to fully recharge battery pack to normal operation. During recharging light will work intermittently.

Battery Replacement

1. To access the battery, remove the black solar panel bracket mount from the top of the pole. The battery is stored inside.

2. Remove the existing battery from the pole. There are two wires; note which connector goes to the sign and which connects to the solar panel.

3. Remove both connectors from the existing battery.

4. Connect the new battery to the solar panel connection only. Leave the new battery disconnected from the sign at this point.

5. Reattach the black solar panel bracket mount to the pole. Leave the panel in the sunlight for 3-4 days to fully charge the battery pack.

6. After 3-4 days, remove the black solar panel bracket mount from the pole and connect the battery to the sign connector.

Your sign should now function normally. If you are still experiencing issues, please contact our customer service team.

Note: It is best for the sign to flash at night only for installations above (North) or close to the 49th parallel due to the light being less in the fall and winter. For installation below (South) of the 49th parallel, 24/7 flashing should be okay unless the panel experiences significant cloud cover or is shaded by trees. If you plug in the battery before it is fully charged, it may have trouble working 24/7 or through a full night.