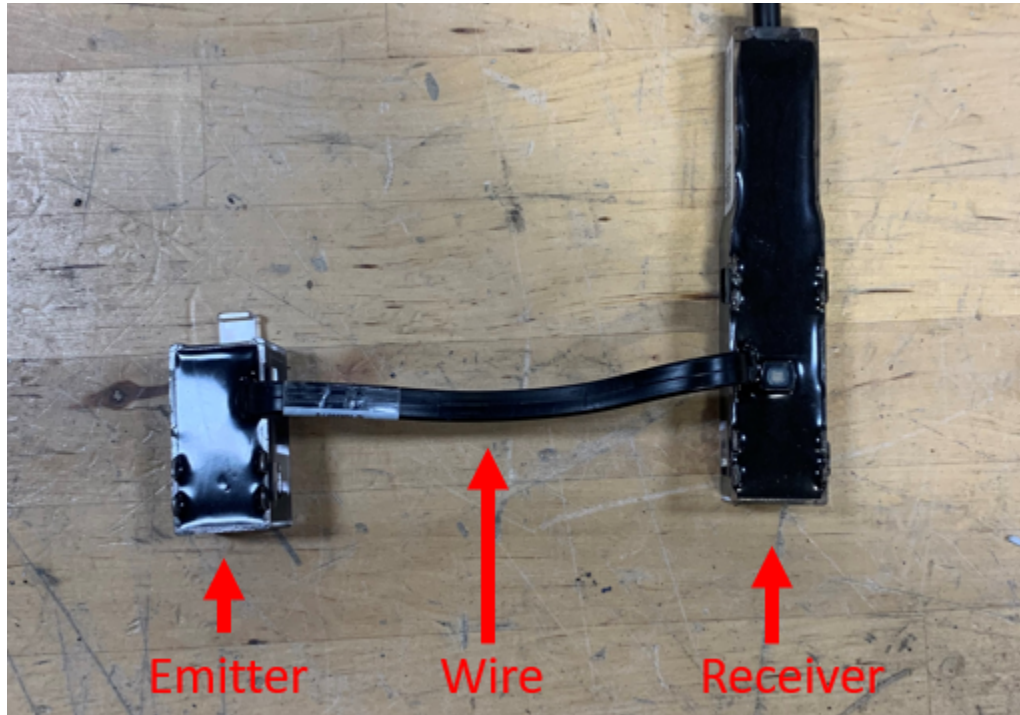




700309 - Seed Sensor Installation Guide

Seed Sensor Components



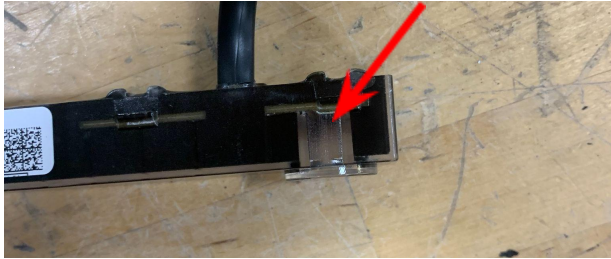
Step 1 - Assemble the Wire Protection Plate (700307) to the Seed Sensor (700299)

Slide the wire protection plate onto the wire via the slots cut into the plate. The wire should sit within the plate's grooves and the word 'TOP' should be right side up.

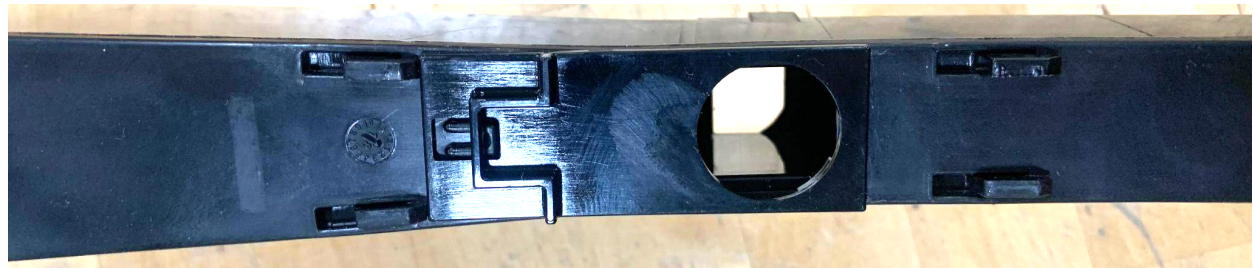


Step 2 - Assemble the Light Blocking Sticker (700308) to the Seed Sensor (700299)

Apply the sticker such that the clear portions on either side of the receiver are completely covered.

**Step 3 - Assemble the Adapter Plate (700298) to the Seed Tube**

Seat the adapter plate in the seed tube such that the extrusions on the back of the plate fit into the circular opening of the seed tube and the upper cutout of the adapter plate fits over the extruded portion of the seed tube.

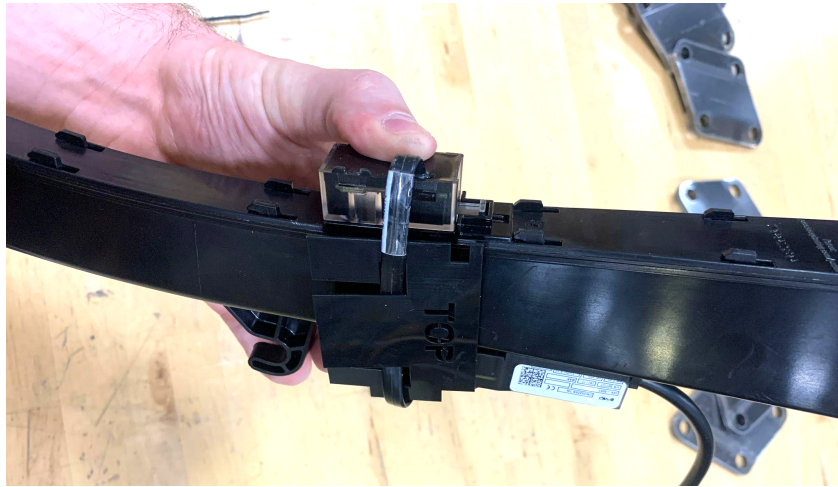
**Step 4 - Prepare Zip Ties**

Start the zip ties, but do not tighten them beyond the first couple of clicks.



Step 5 - Align the Sensor to the Seed Tube

Use your thumb and fingers to secure the seed sensor in its respective position on the seed tube. There will be cavities on either side of the seed tube that will fit together with the sensor.



Step 6 - Secure the Sensor to the Seed Tube Using the Zip Ties

Slide the zip ties over the sensor and seed tube assembly. There should be slots at the top and bottom of the either side of the sensor to accommodate the zip ties. Once the zip ties are in their proper position, tighten them fully. Clip off the extra length.



Step 7- Inspect the Assembly

At this point the emitter and receiver end of the seed sensor should be securely assembled to the seed tube. The seed sensor wire should also be secured in place with the wire protection plate such that it hugs the side of the seed tube and does not come in contact with any other components on the row unit. The receiver portion of the sensor should not have any large clear portions exposed. If excess sunlight is allowed to enter the receiver, this will cause the sensor to fail. Validate that the sensor is properly installed by running seed through the tube and ensuring that there are no obvious issues.

