

# The Mahali Space Weather Monitoring Project

## Mahali Box Disassembly / Assembly Instructions

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 @mithaystack

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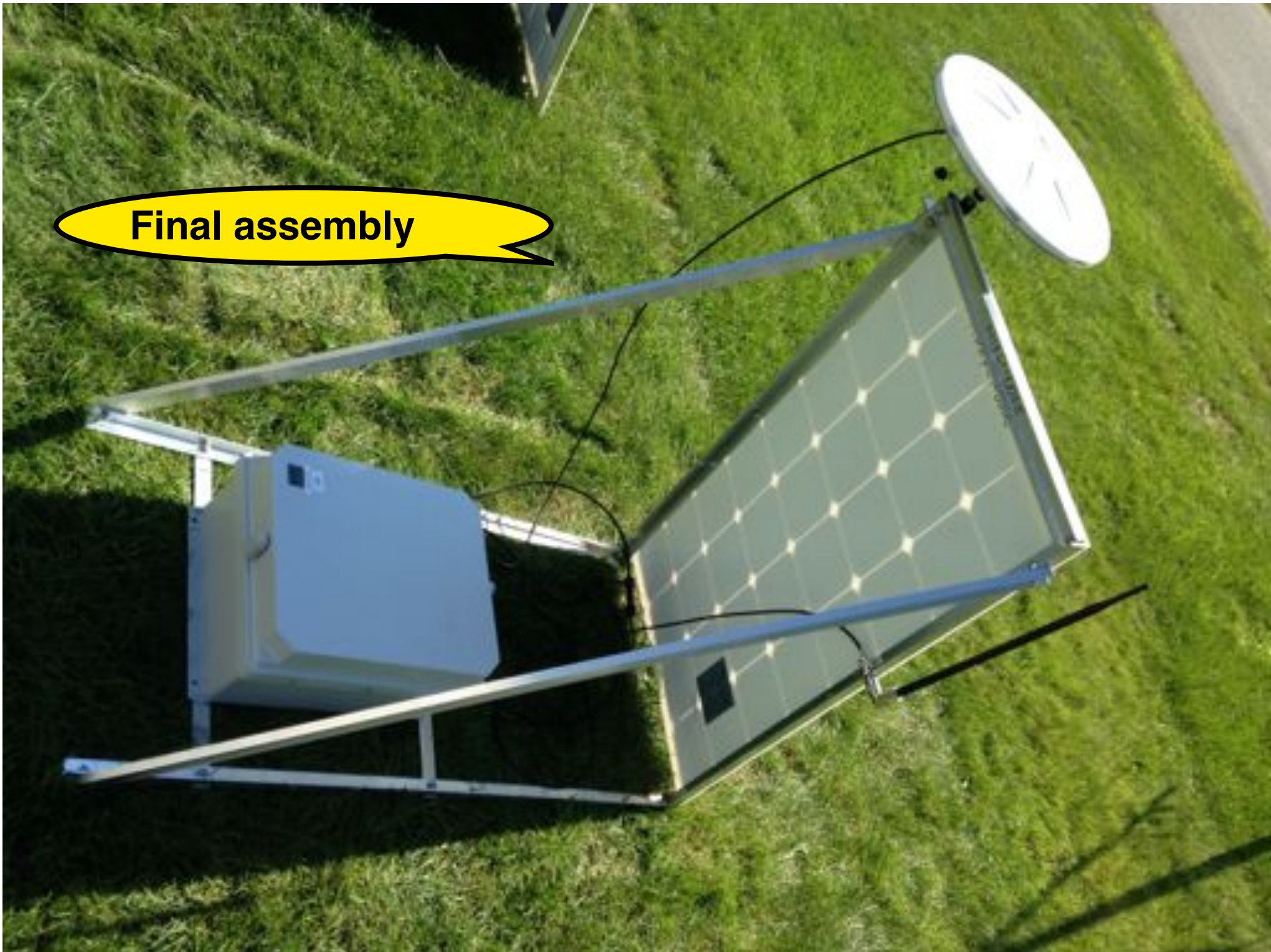
INSPIRE AGS 1343967  
Pankratius (PI), Lind, Coster,  
Erickson, Semeter

**Time needed: approx. 30 min**

**Tools needed:**




**Final assembly**



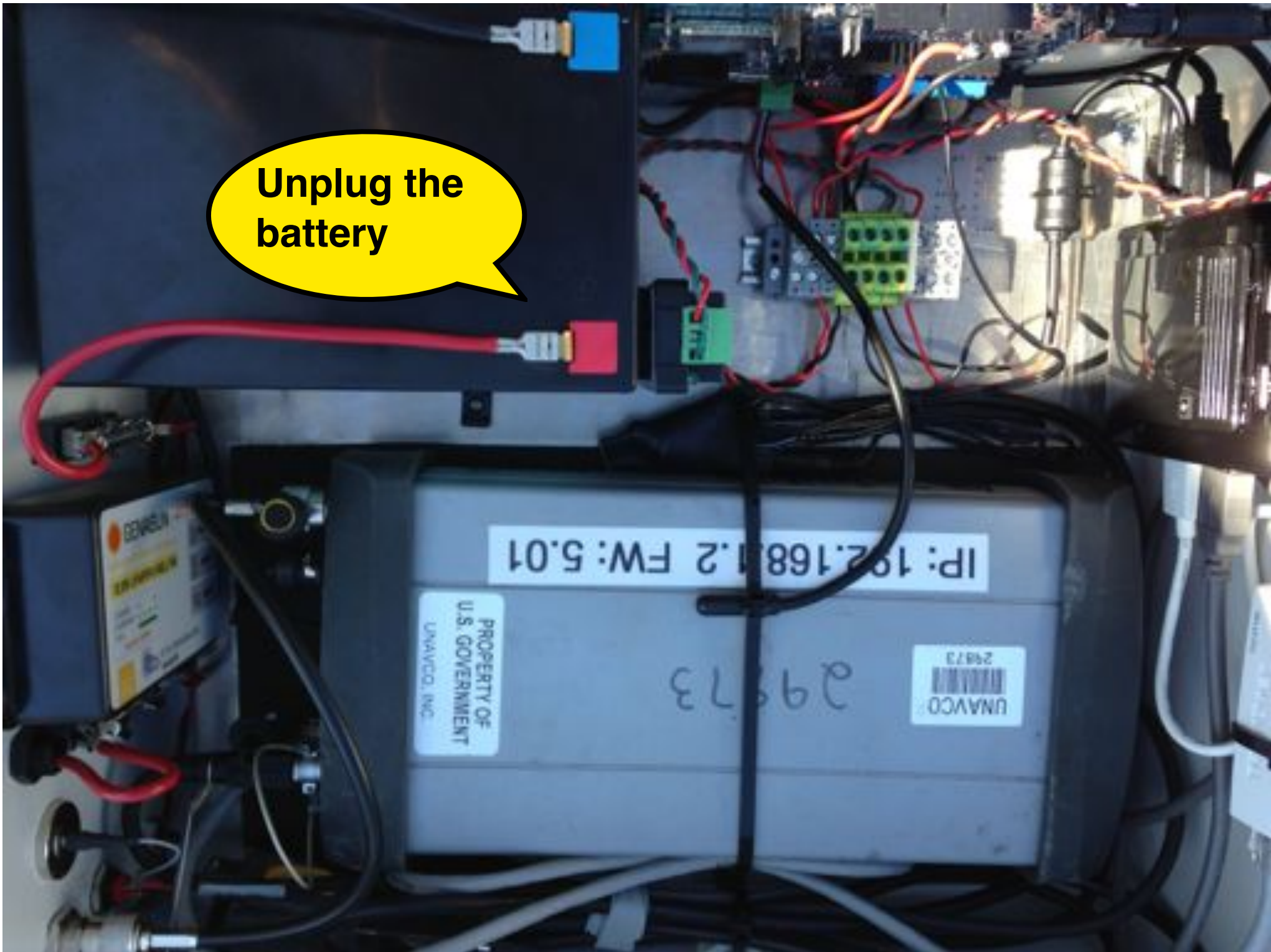


**Unplug  
the cables**





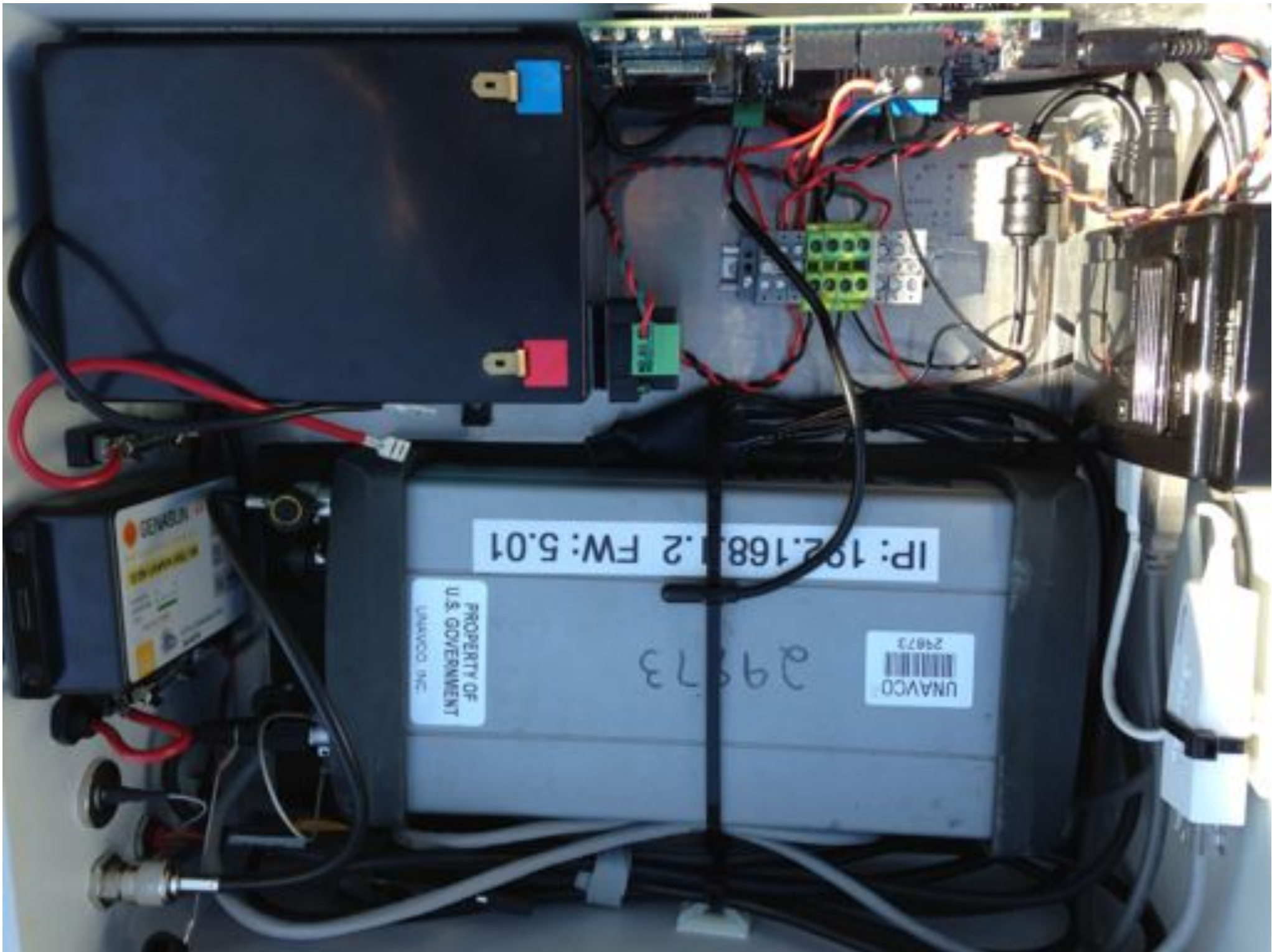
**Detach  
the box**

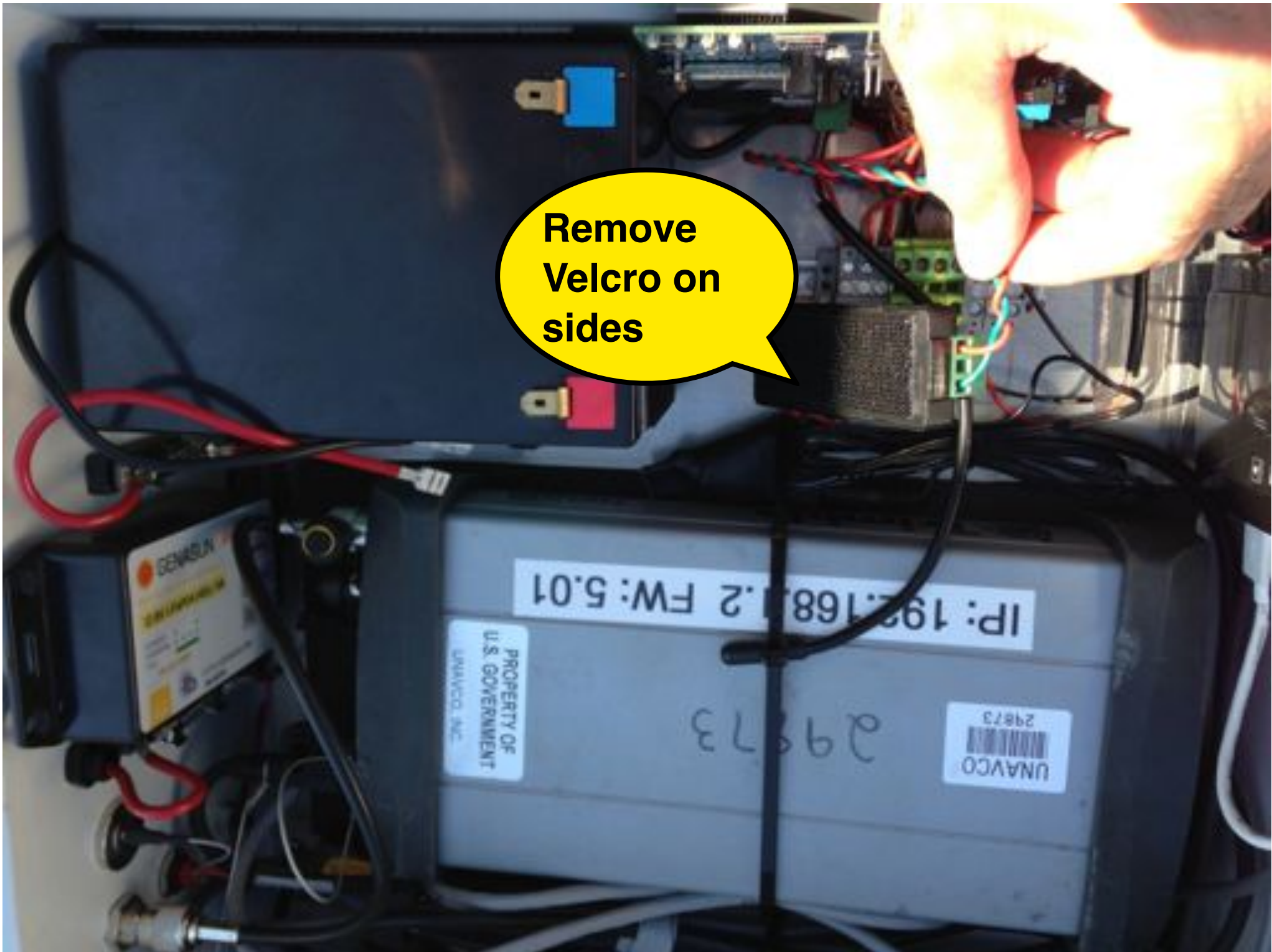


**Unplug the battery**







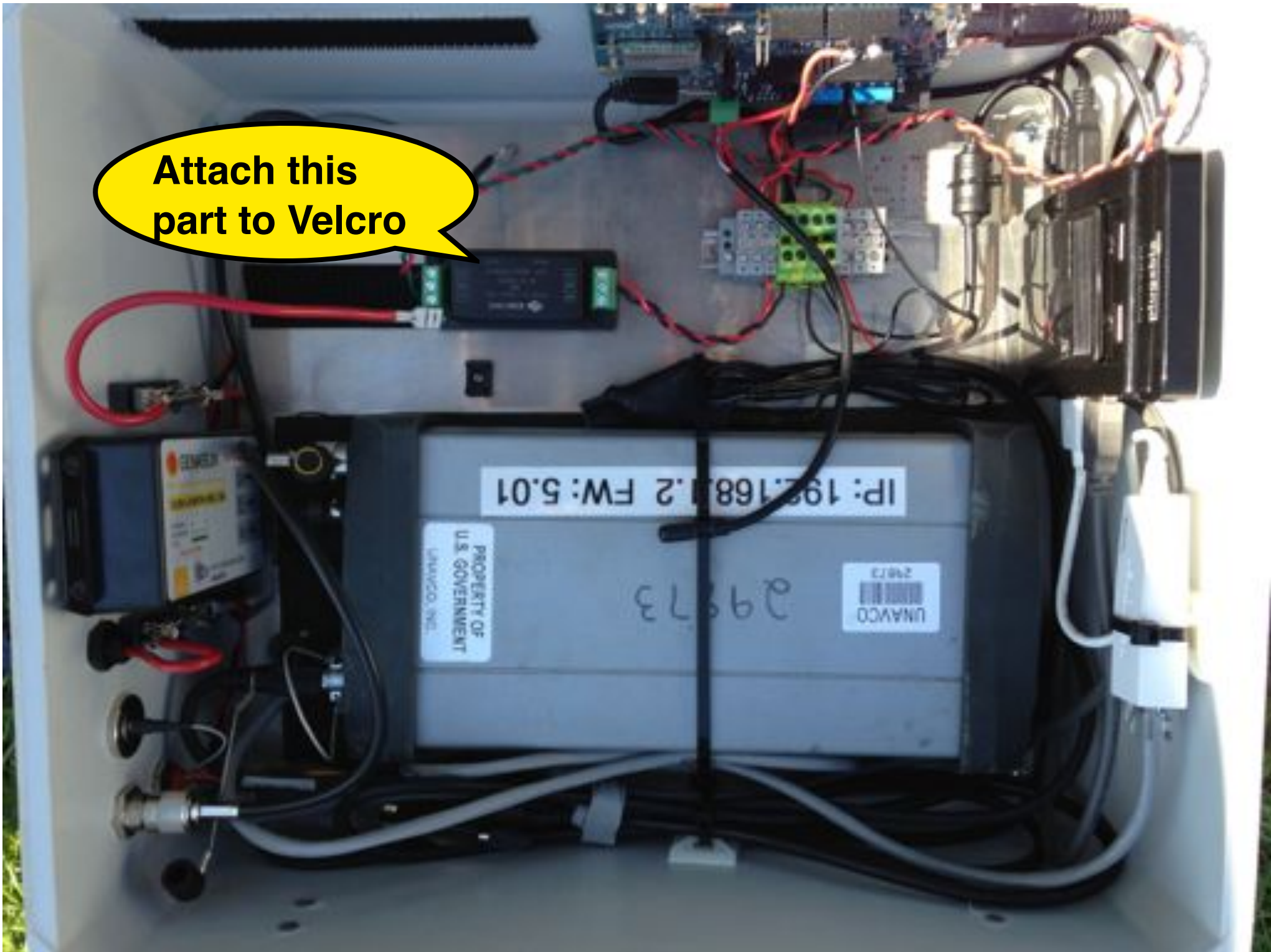


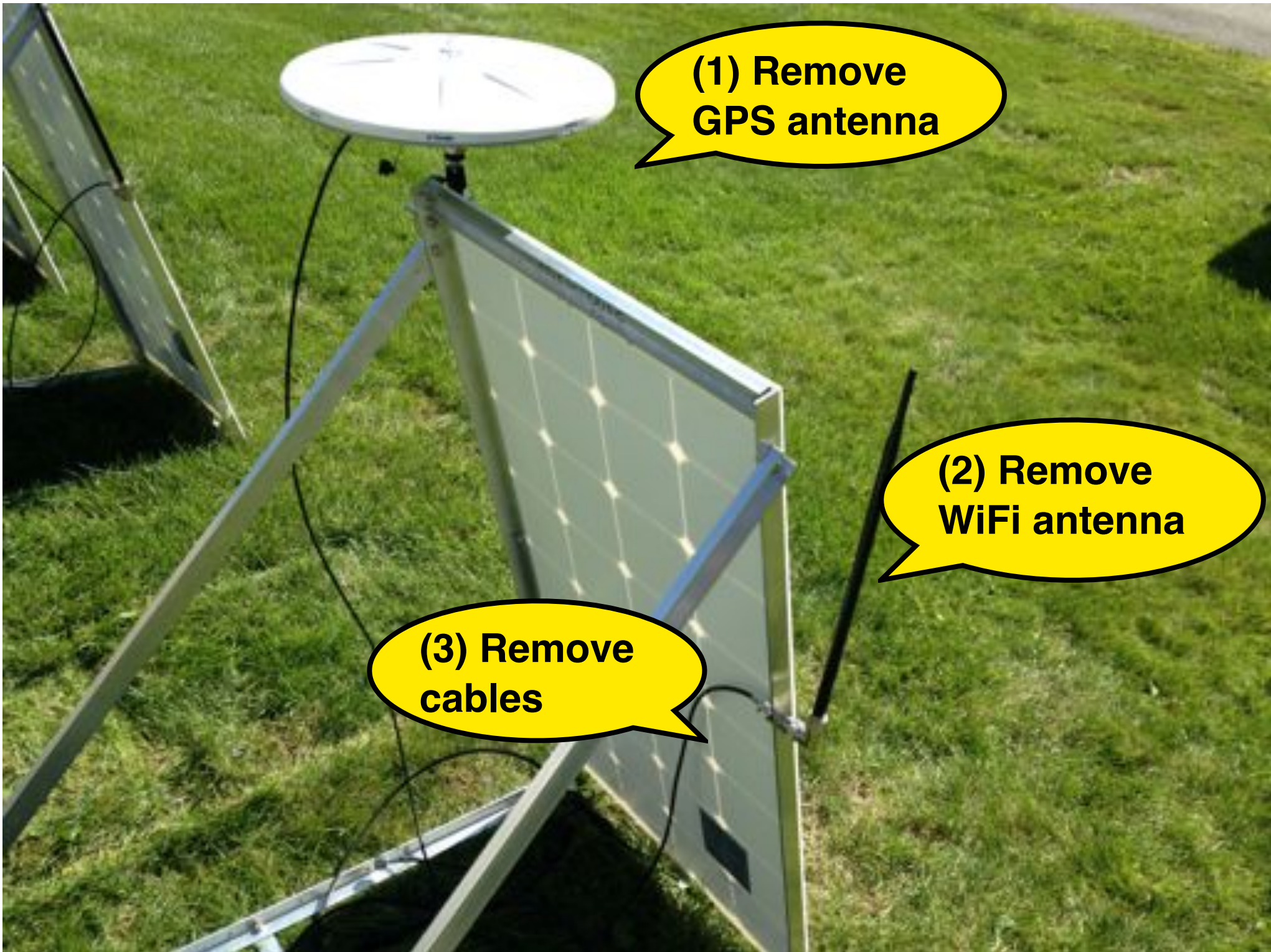


**(1) Detach  
battery from side  
Velcro**

**(2) Ship battery  
separately**

**Attach this  
part to Velcro**





**(1) Remove  
GPS antenna**

**(2) Remove  
WiFi antenna**

**(3) Remove  
cables**







**Remove screws  
to detach solar  
panel. Start with  
top.**



A yellow speech bubble with a black border is positioned in the upper center of the image. It contains the text "Detach bar and screws at the top." in a bold, black, sans-serif font. The background of the entire image is a dense field of green grass. A horizontal metal bar is visible in the lower half of the image, with the handwritten text "MAHALI-0008" on it.

**Detach bar  
and screws at  
the top.**





**Remove  
solar panel**



**Collect solar panels for separate packaging**



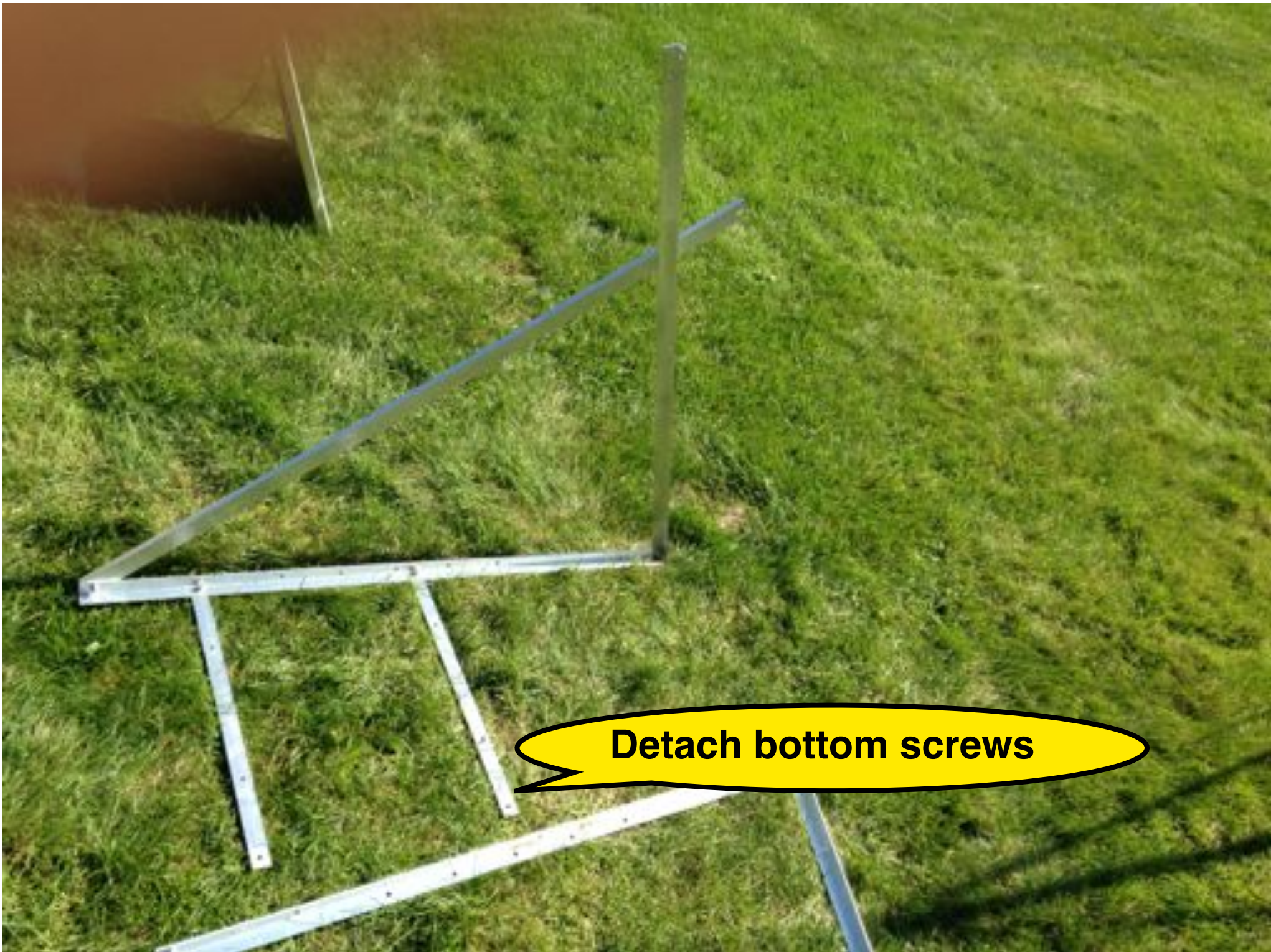


**Remove  
antenna support**





**Collect  
antenna  
support**









**Fold**

**Fold**





**Collect for tube  
packaging**





A close-up photograph of a person's hands holding a large, cylindrical cardboard tube. The tube is filled with clear, inflated bubble wrap. The person is wearing a blue t-shirt and khaki pants. The background is a green lawn. A yellow speech bubble with a black outline is positioned to the left of the tube, containing the text "Bottom of tube".

**Bottom of  
tube**












**Add bubble wrap**

A close-up photograph shows a person's hands using a hole punch tool to create a hole in a cardboard tube. The tube is held vertically, and the punch is positioned to make a hole near the top. The background is a grassy area with some cardboard boxes. A yellow speech bubble with a black border is overlaid on the left side of the image, containing the text 'Add antenna support'.

**Add  
antenna  
support**



**Add bag with  
all the screws**



A hand is holding a brown cardboard tube. The top of the tube is open, revealing a layer of white bubble wrap inside. A yellow speech bubble with a black border points to the bubble wrap. The background is a green lawn.

**Add bubble wrap**





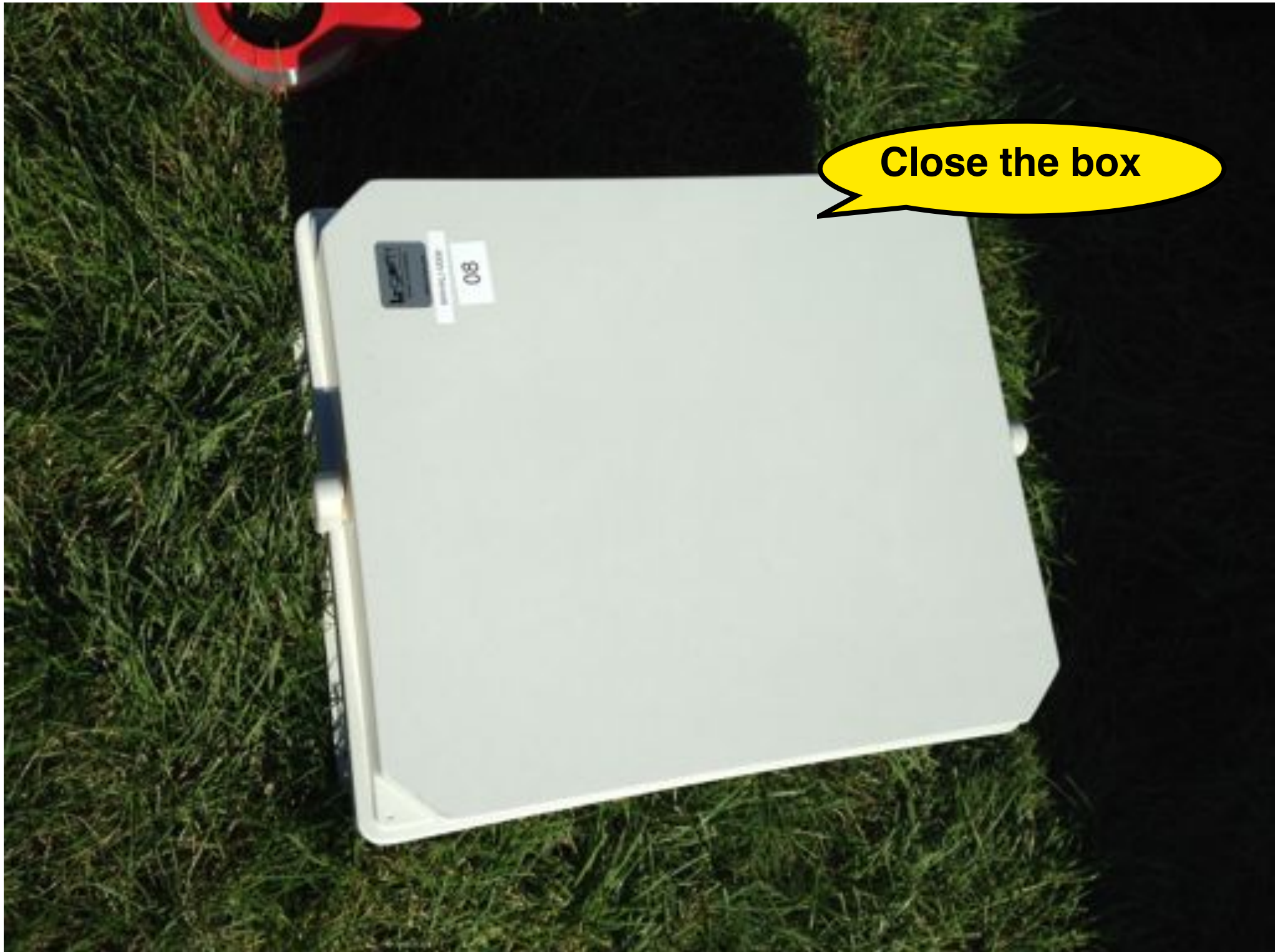






**Add bubble wrap to box to stabilize components for shipment**

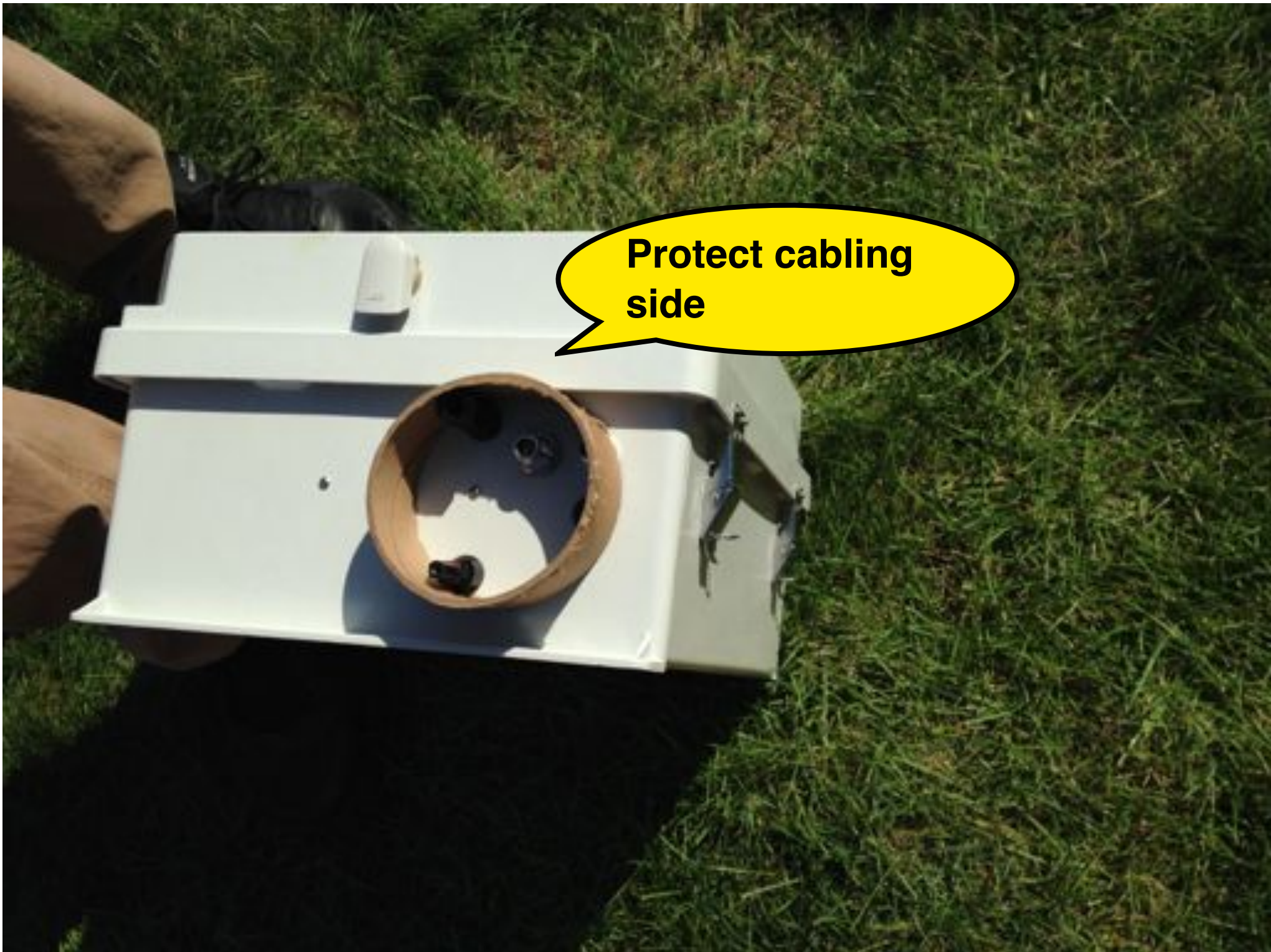




**Close the box**

An open cardboard box is shown on a grassy surface. The box is filled with bubble wrap. A person's leg in khaki pants and a black boot is visible in the upper right corner. A yellow speech bubble with a black outline is positioned on the left side of the box, containing the text "Put Mahali box in here".

**Put Mahali  
box in here**



**Protect cabling  
side**









**Add bubble wrap**



**Add GPS+WiFi  
antennas**

MAHALI  
0008

**Finished  
Mahali box**