Height Sensor Bracket

Before You Begin			
You will need these tools:	▪ Two adjustable/open end wrenches ▪ Hex key wrench set ▪ Anti-tamper paint	**You will need these parts:**	▪ Height sensor bracket kit ▪ Over-height standoff tool

Step	Task Description	Additional Notes
1	Make sure the robot is in a Maint 1 position the EOAT height sensor assembly is accessible.	Follow in-house procedures to LOTO the machine.
2	Disconnect and remove the height check sensor from the current mount bracket.	
3	Use a hex key wrench to remove current SHCS from the height sensor mount.	
4	Remove the height sensor mount.	
5	Use a hex key wrench to assemble sensor bracket and base.	
6	Use a hex key wrench to secure height sensor bracket with two M6x35 SHCS.	Apply anti-tamper paint to the socket head cap screws.
7	Combine washer and nut on prox sensor, twisting halfway onto prox sensor.	
8	Place prox sensor in bracket position and combine remaining washer and nut on the open end.	
9	Place the over-height sensor tool.	Make sure the flat edge faces sensor.
10	Adjust prox sensor position to rest flush against the over-height sensor tool.	
11	Use two adjustable/open end wrenches to secure prox sensor.	
12	Remove the over-height sensor tool.	
13	Attach sensor cable and confirm connection.	Verify sensor cable faces down at a 90 degree angle.