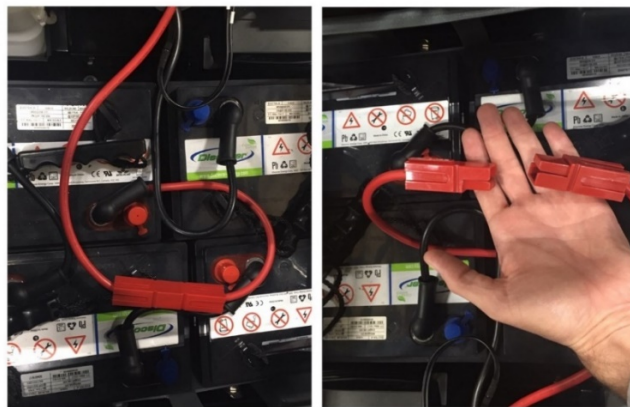


Replacing the Upper (Slanted) LIDAR Sensor

The Upper LIDAR is one of five sensors responsible for autonomous navigation. Once replaced, it must be calibrated.

Power down the unit and disconnect the red battery coupling.

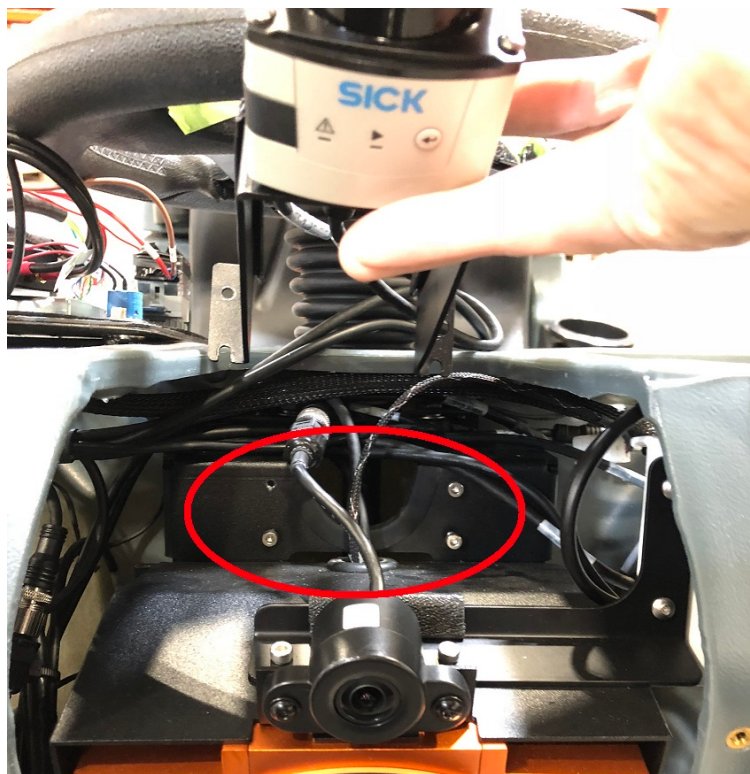


Remove the eight 2.5 mm hex screws that secure the top black cover.





Remove the top black cover. Remove the Slanted LIDAR top left screw completely, but only loosen the other three. Then lift out the Slanted LIDAR and decouple the two rear cables.



Remove the two silver screws to detach the Upper LIDAR from the mounting bracket.



Use care when handling the LIDAR sensor. It must not be scratched or damaged when reinstalling it onto the bracket or the scrubber unit. Avoid handling it by the lens.

If available, use a couple drops of blue Loctite thread lock on the screws that directly secure the LIDAR sensor.

Please ensure to return the old Upper (Slanted) LIDAR back to Brain using the provided return shipping label. Thank you!



The Upper and Lower LIDAR have different IP addresses assigned to the hardware. Ensure the Slanted sticker is present on the Upper LIDAR that indicates it is the correct hardware.

