

Replacing the Side 3D Camera

The Side 3D Depth Sensor sensor 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 beneath the seat.

1. Use a 2.5 mm hex key to remove the five screws that secure the control panel and/or the five screws that secure the UI touch screen depending on which camera you are replacing.



2. Remove the 4 screws that hold on the black cover.
3. Disconnect the two M12 connectors.
4. Use a 7mm ratchet to remove the three locking nuts.



Left



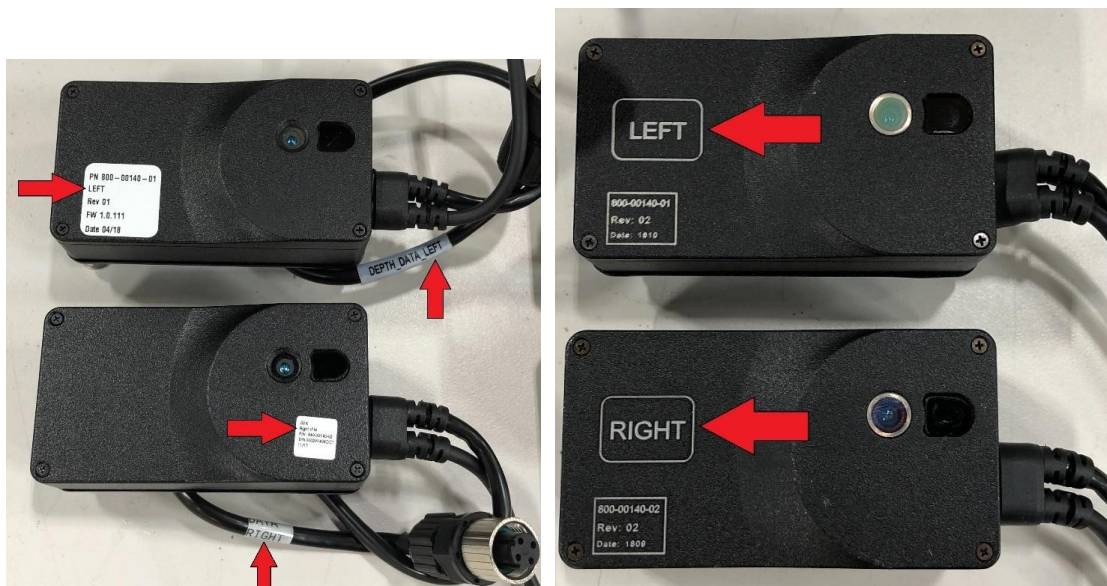
Right



6. Use a 2.5 mm hex key to remove the two screws that secure the mounting plate to the 3D Depth Sensor.



7. The Left and Right Side 3D Depth Sensor each have a unique IP address and may not be used interchangeably. Their designation may be found on the sensor itself or the label adhered to the cable. (The designation of Left and Right is from the perspective of an individual sitting in the driver's seat.)



8. Once the mounting plate is secured, place the spacing washers before installing the Side 3D Depth Sensor.



9.  After replacement, please perform 3D camera Calibration.

