

New 3D Camera Side Cover Modification

NOTE: example shown is an ICE RS26 Gen2, but same steps will apply to different machines.

Tools Needed:



A. Dremel

Or

Sharp box cutter

B. Flex head
socket wrench
with extension and
7mm socket

C. 2.5mm Allen
wrench



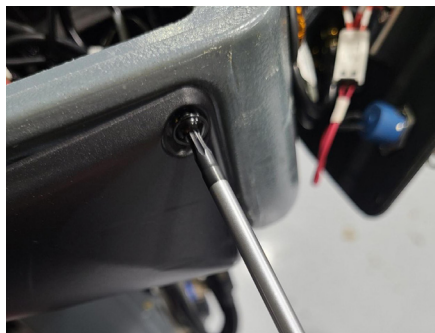
3. Remove cover
from machine.



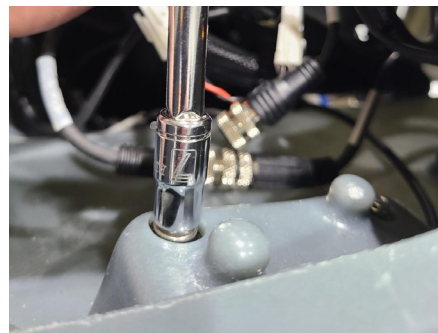
1. Locate 3D
camera.



4. Disconnect
the 2 trunk
connections.



2. Remove the
four 2.5mm
cover screws.



5. Remove the
three 7mm lock
nuts holding the
sensor in place.

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288-0179 & 288-0180



6. Remove the 3D camera from the machine. Remove the three 2.5mm screws and spacers from the mounting plate. Install mounting plate and spacers on new 3D camera.



9. Reinstall side cover and make sure lens is completely visible.



7. Install new 3D camera and replace side cover. Mark the side cover where you will need to cut to fit 3D camera lens.

10. Turn on the machine and recalibrate the 3D camera.

Instructions for calibration can be found here:

<https://usaclean.com/dropbox/Robots/3DCameraCalibration.pdf>



8. Remove the side cover and use a dremel or box cutter to cut where you marked it.