

EZSpeed

INSTALLATION/SOFTWARE/USAGE

Q: Question

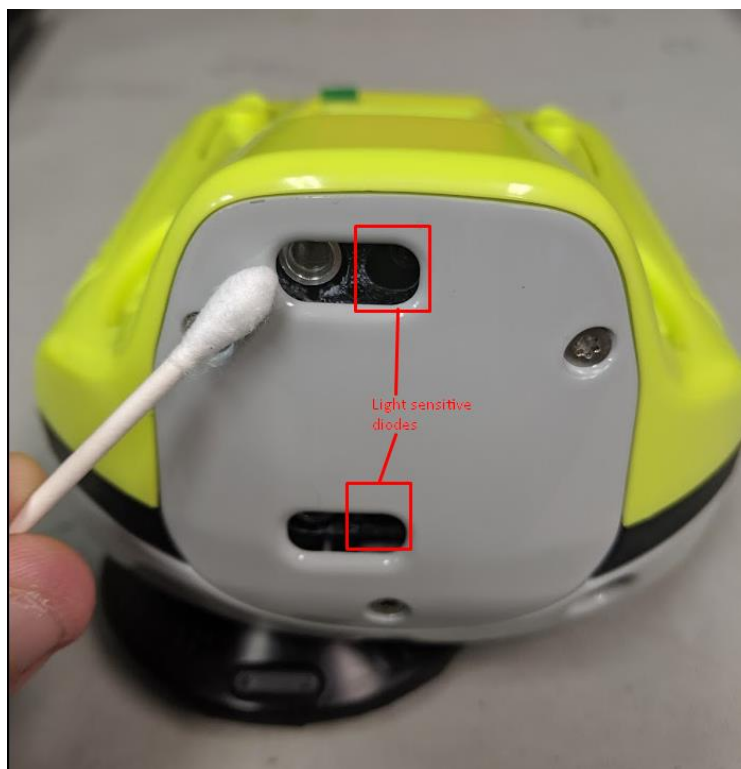
How can I improve the EZSpeed's laser detection?

A: Answer

If trying to measure on a vehicle without using the reflective target, please make sure:

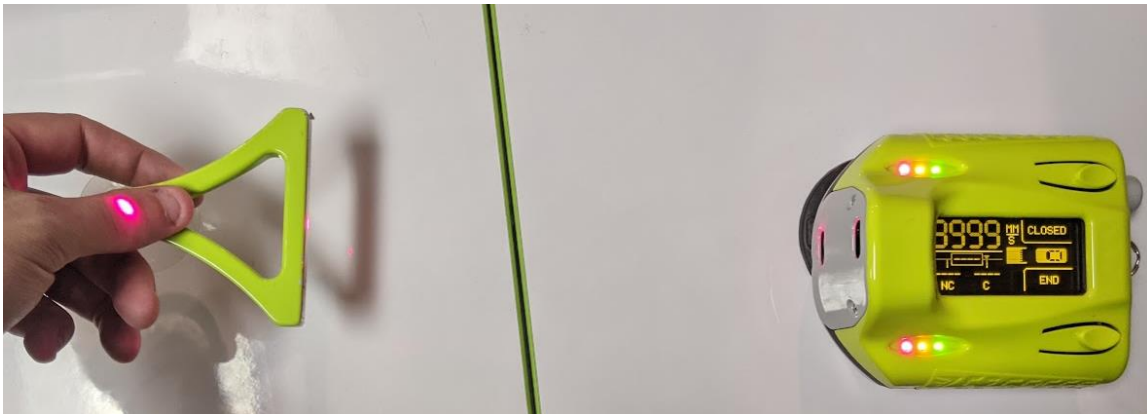
- Lasers do not hit any reflective surfaces including mirrors, door handles, chrome plating, shiny stickers.
- Use on light painted vehicles only. Dark vehicles may not reflect enough laser light to properly trigger device.
- Try starting the measurement after opening the door.

The lasers and diodes of EZSpeed can be cleaned with cotton swabs and isopropyl alcohol.



It is possible the glue used to set the lasers in the housing continued to cure during shipping. This sometimes causes the light receiver diode to cloud slightly reducing the light sensitivity.

- A Cotton swab and 90%+ isopropyl alcohol (70% if it's the only strength available) rubbed on the diode can be sufficient to clear it off enough. Give sufficient time for the alcohol to flash off before starting the device again.
- This process could be done a couple of times if the clouded layer is stubborn.



Test the device in open air, not mounted on a vehicle. Hold the device ready to measure in one hand and the target in the other.

Hold the target >30cm away from the device and slowly bring it through the laser paths while holding the target perpendicular to the laser path.

The 3 LEDs on the top of the device should light up when it detects the top laser, and all the LEDs should light up when the bottom laser is detected.

If the device does detect at this distance, try further back until it stops detecting. This would be the maximum distance the device could detect a closing action when installed optimally on a vehicle.

At longer distances any difference in angle where the lasers may point in towards the vehicle or away from it will more greatly affect the outcome of the measurement.