

# First marker not found within 500 pulses

This is a [hard](#) alarm.

## Description

No marker was detected when searching for the first marker during automatic cleaning, location creation or teach-in. The marker needs to be detected within about 1.2 meters from the starting position of the robot.

## Troubleshooting

- Check that the magnetic switch arm is in the correct position (both height and length)
- Check that the marker is mounted properly
- Check that the magnetic switch is working
- Check that the robot was placed within 1 m of the first marker
- Check that the distance from the magnetic switch to the marker is less than 10 cm

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