

# Unexpected large position change detected for given function

This is a [soft](#) alarm.

## Description

An unexpectedly large position adjustment was done for the motor indicated by the alarm: boom, tower, wheels, telescope, arm or nozzle. The detection limits are different for the different motors.

## Troubleshooting

- All
  - Check that the function has been initialized correctly before starting
- Tower and arm
  - Check that the clutch has not slipped
- Wheels
  - Check that the wheels have not slipped
  - Check that the markers have been correctly mounted
  - Check that no other magnetic objects affect the magnetic marker switch

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