Robot positions incorrectly

Description

If the robot does not position correctly during washing it could be due to a number of reasons:

- Memory lost after restart
- Moved or faulty zero position sensors
- Faulty magnetic switch
- Setting boom zero position not in bottom (ie. accidentally set zero position when it is stuck)
- Wheels slipping, markers incorrectly mounted etc. making the wheels position incorrectly
- Guidance wheels have too big obstacles to climb in the aisle.
- Insufficient margins during programming so the robot run in to things in boxes which the program was not created in
- Incorrectly fastened nozzle coupling
- Tower or arm friction clutch released

Lost positions will show when robot parks incorrectly between washing programs or when it does not wash where expected.

Troubleshooting

- Redo the homing
- Contact service and check parking positions
- Check tower parking position
- Check arm and nozzle parking positions
- Check function of zero position sensors for tower, telescope, arm and nozzle at Manual screen. The black dot should be visible when the position is zero.
- Check function of magnetic switch. The blue dot should be visible on the Start screen when a magnet is present.
- Follow the robot when it moves along the aisle to make sure the wheels do not slip or get caught on for example hinges

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