

Reference	SSM71971
Models	Range Rover / L405 Range Rover Sport / L494
Title	Powered Tailgate Diagnostic`s
Category	Body
Last modified	08-Sep-2014 00:00:00
Symptom	112000 Latches/Locks & Security
Attachments	140914_JLR_Diagnostic_Handbook (1).pdf
Content	<p>Concern Customers may report that the Powered Tailgate is intermittent in operation, cannot be opened, or fails to close on request. This can be either intermittent or permanent fault.</p> <p>Action An extensive Diagnostic flowchart is attached to guide the Technician through Diagnosing the correct symptom, cause and resolution. It is important that this is followed correctly in order to resolve the concern. Any relevant DTCs should be logged and reported on the warranty report. If possible, also report the "Feedback ID" number as well. This will aid Engineering to focus on the correct areas for development.</p> <p>These primary Diagnostics are issued ahead of a planned update to the pinpoint Diagnostic's which are currently under development for Topix.</p>

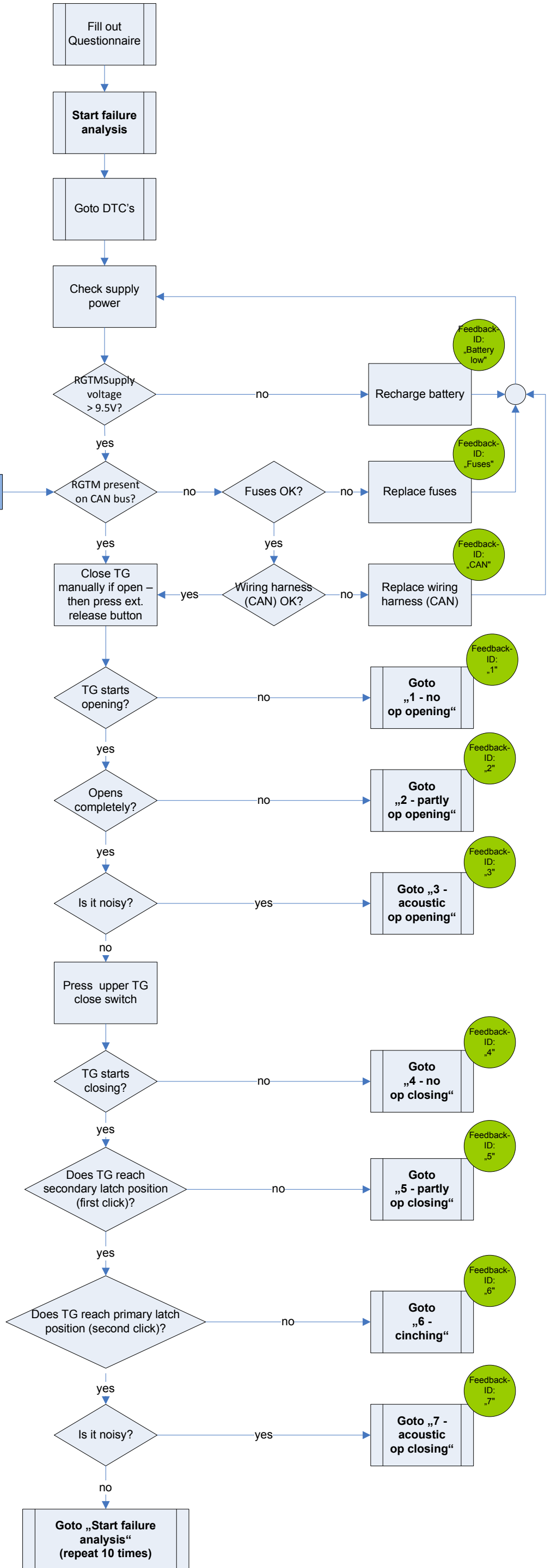
Power Tailgate Diagnostic

Initial

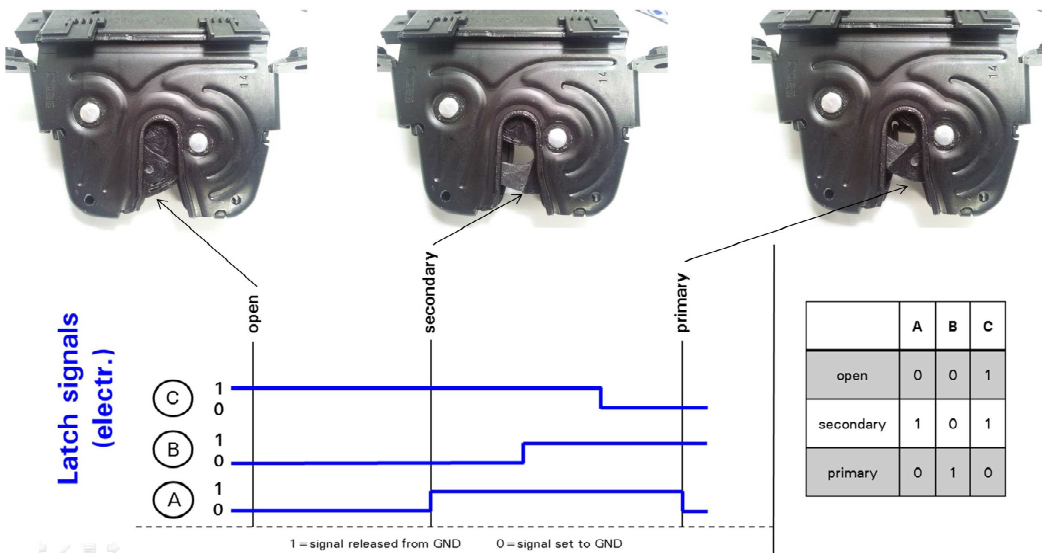
Works fine with:

- L405 (Upper Tailgate)
- L494

Power tailgate feature has to be fitted

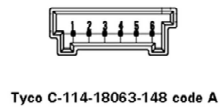


Latch state and signaling



Powered latch version

Pinning	Tyco C-114-18063-148 code A
1	M+
2	n/c
3	GND
4	Signal C (Ajar)
5	Signal B
6	Signal A



Questionnaire

The following information must be gathered from the customer and fed back to JLR:

Q: Does the problem only occur when car is parked in inclination?

A:

Q: Does the problem only occur under extreme temperature conditions?

A:

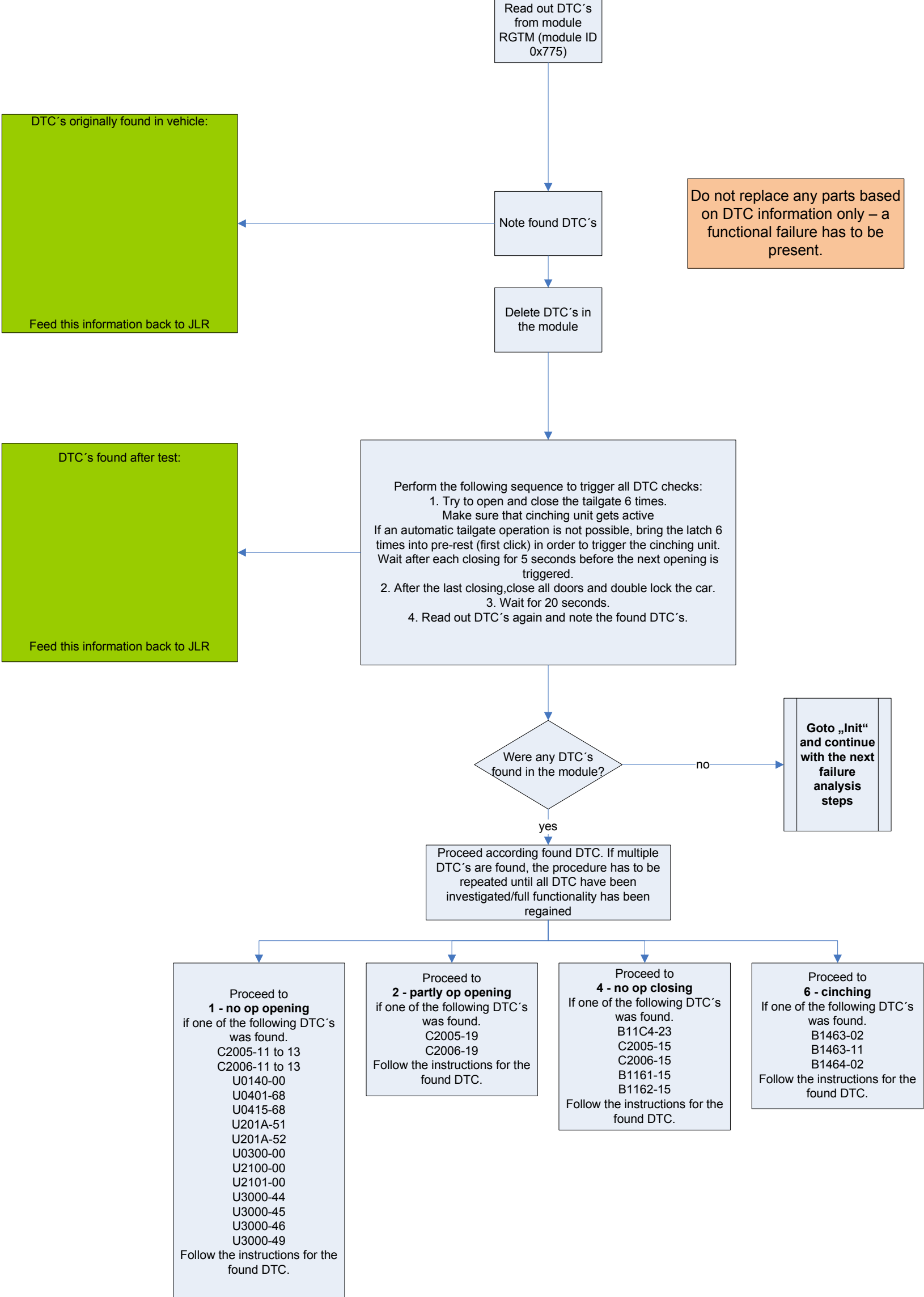
Q: Does the problem occur in a certain special context (other than above)?

A:

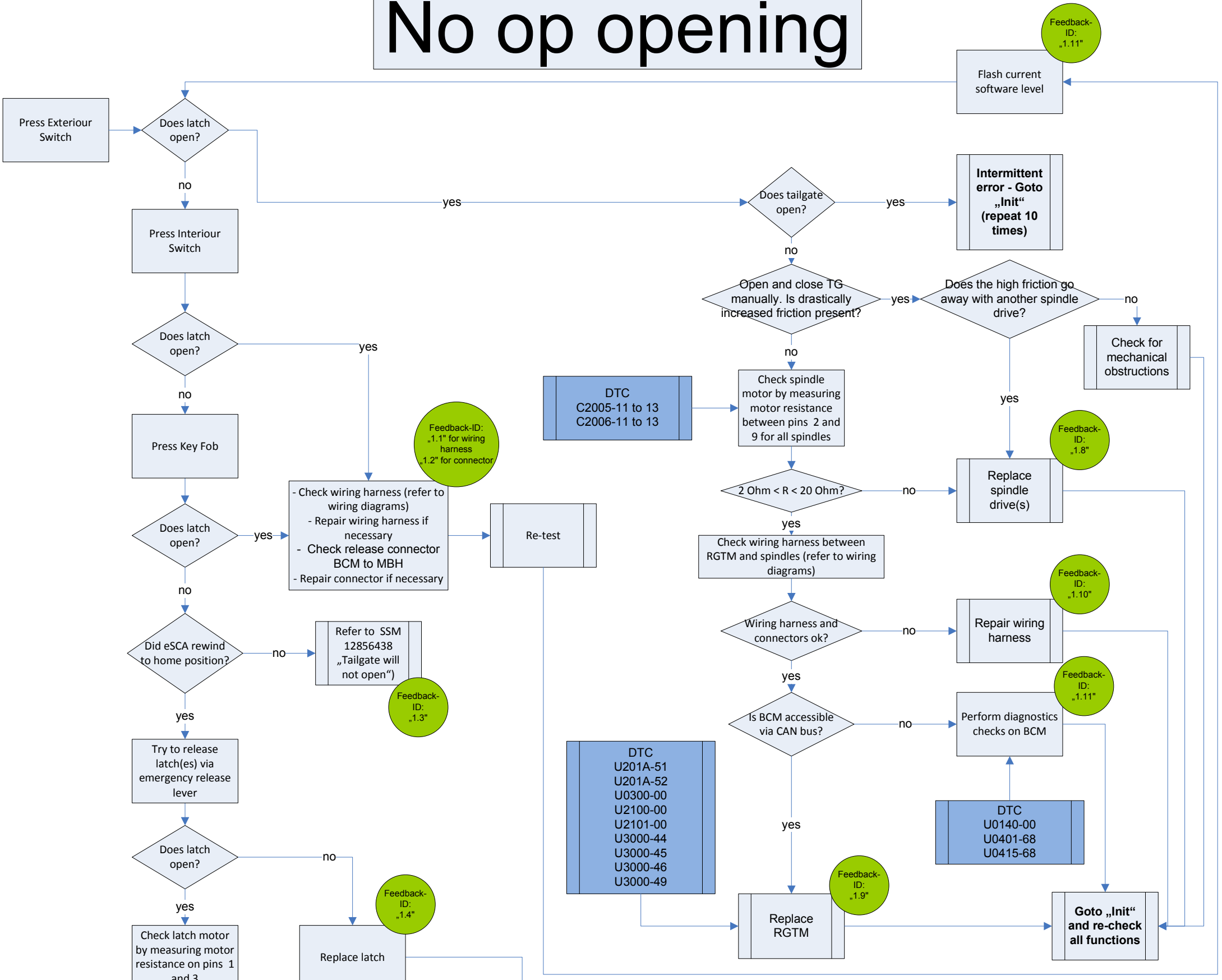
Q: Does the problem have an intermittent character?

A:

DTC's



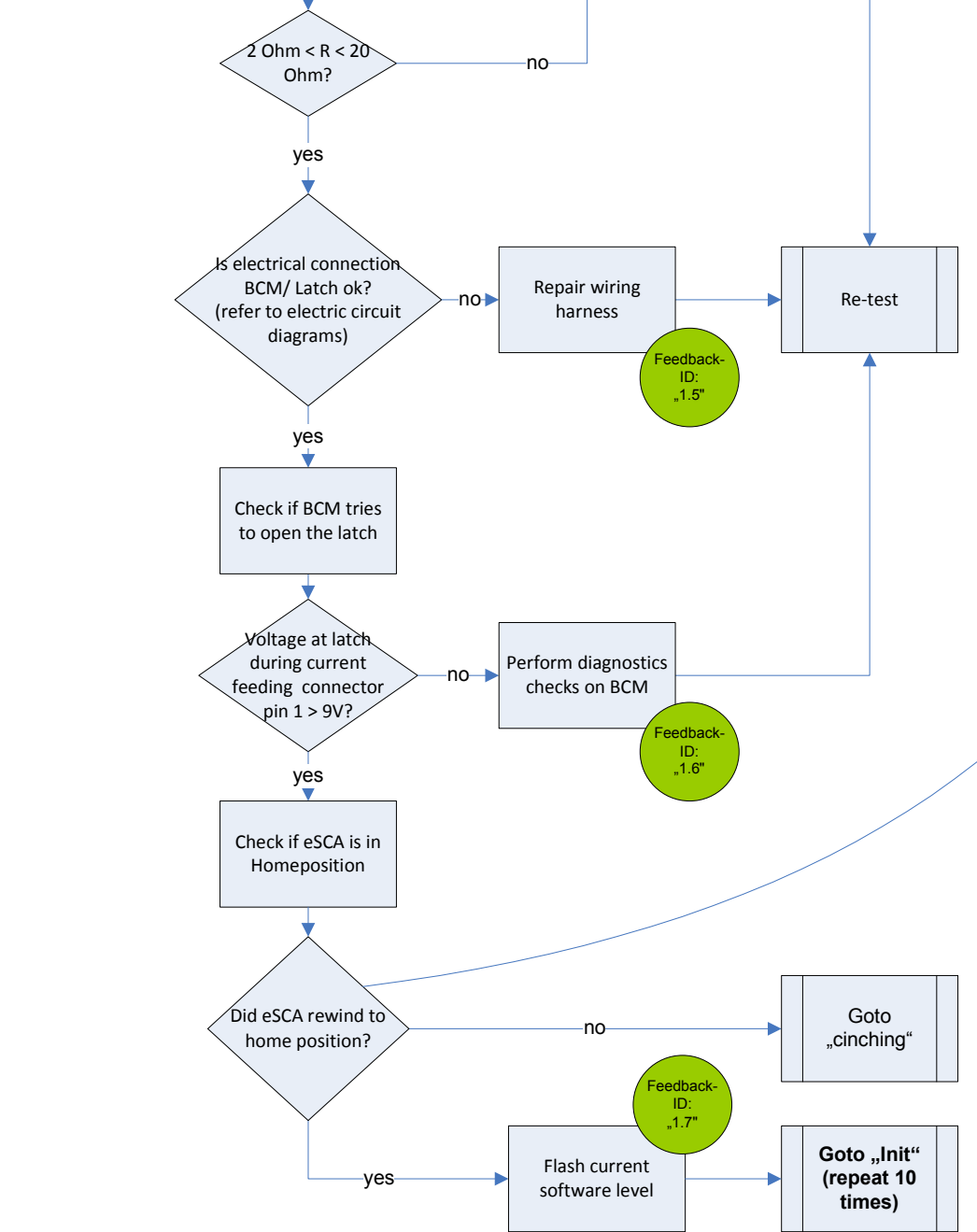
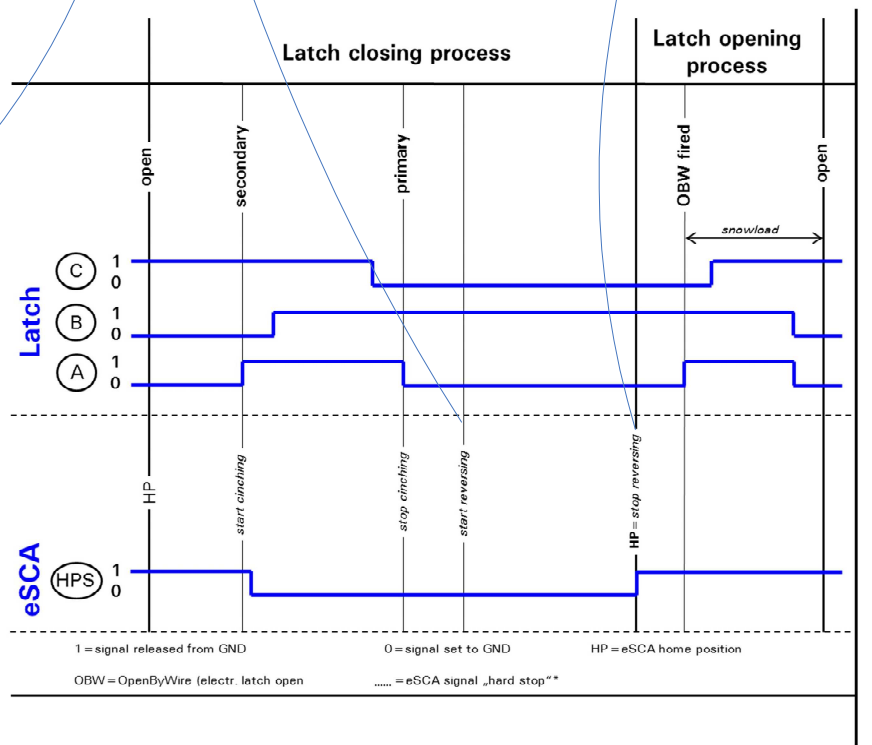
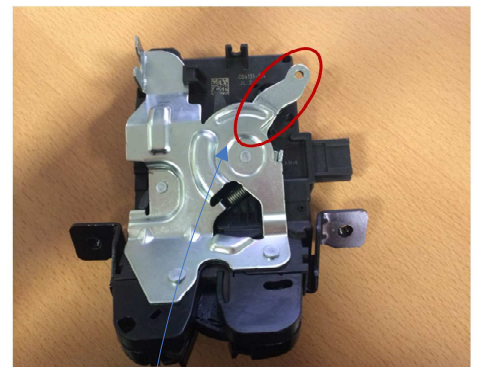
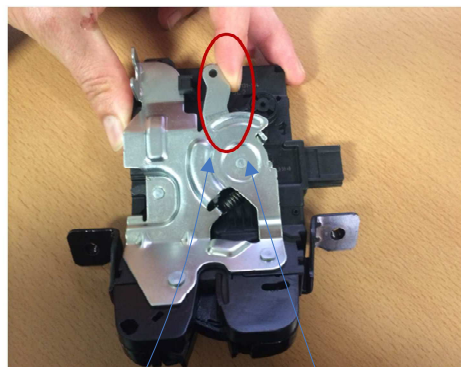
No op opening



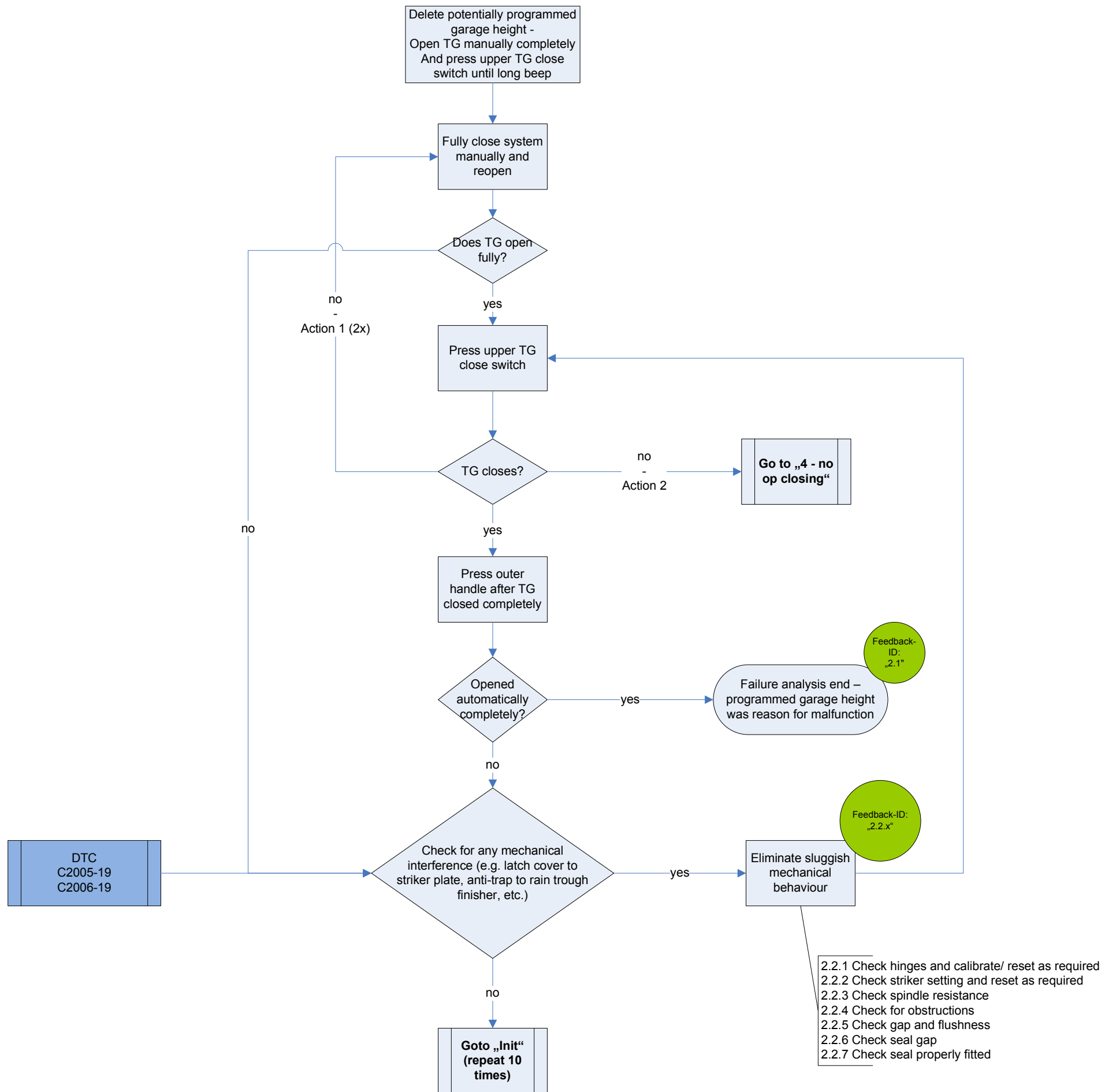
Latch state during cinch operation

Latch cinch lever in actuated position
-> eSCA is cinched (not rewound)

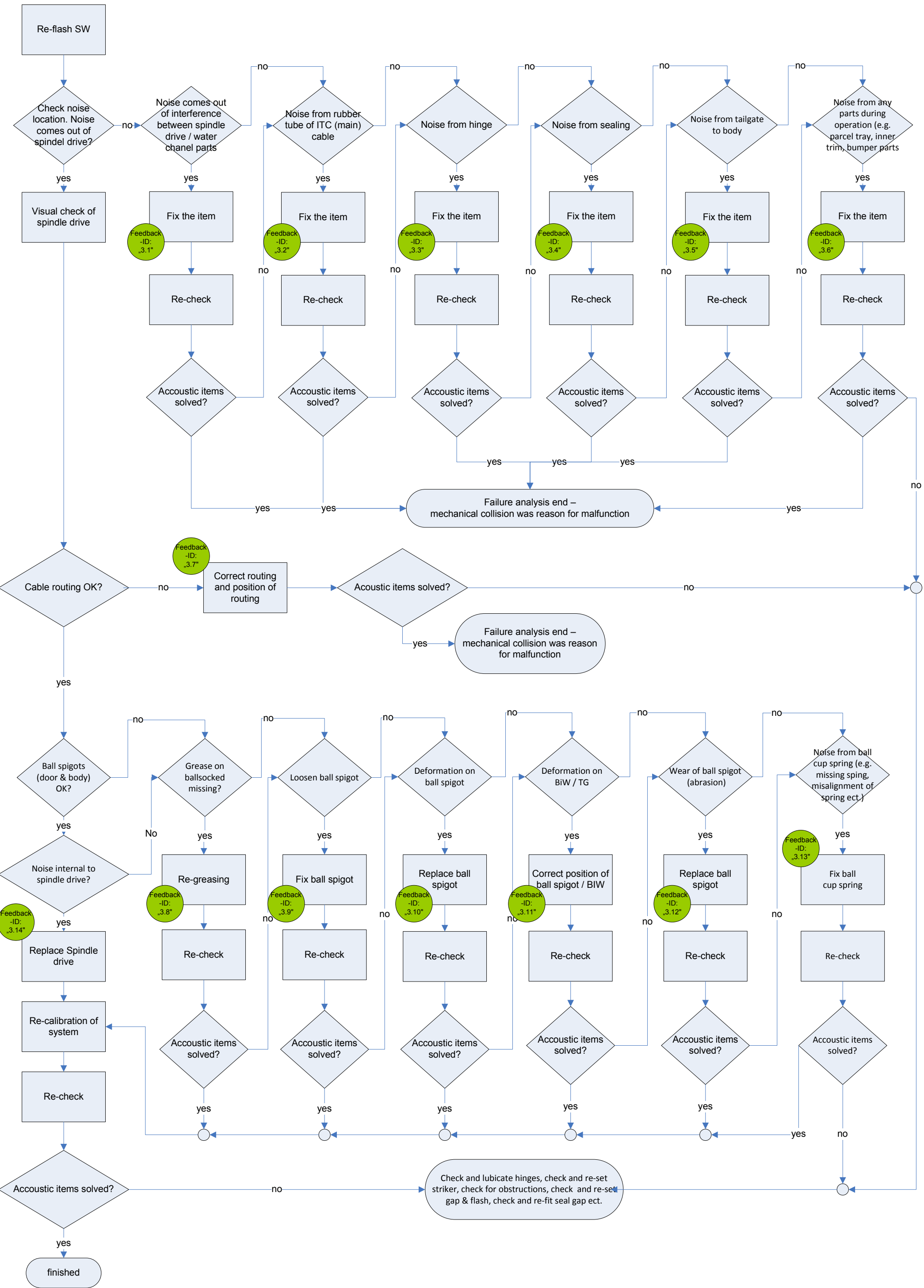
Latch cinch lever in relaxed position
-> eSCA is in home position (rewound)



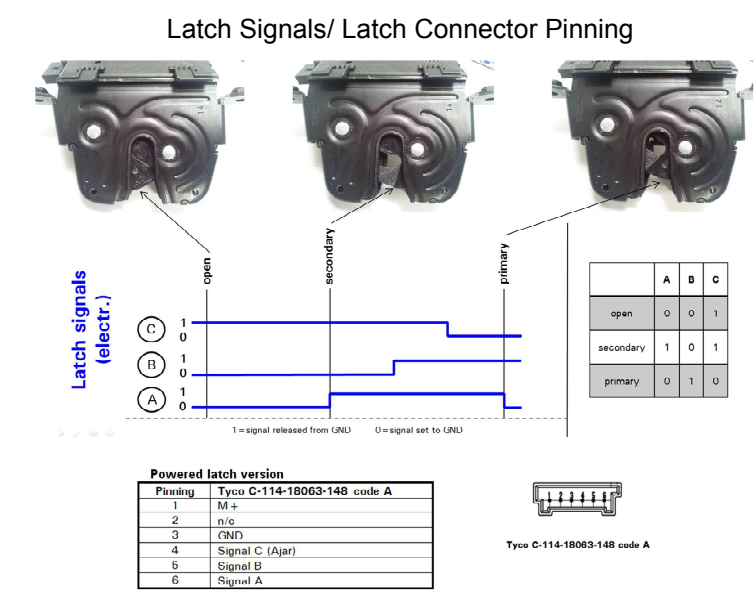
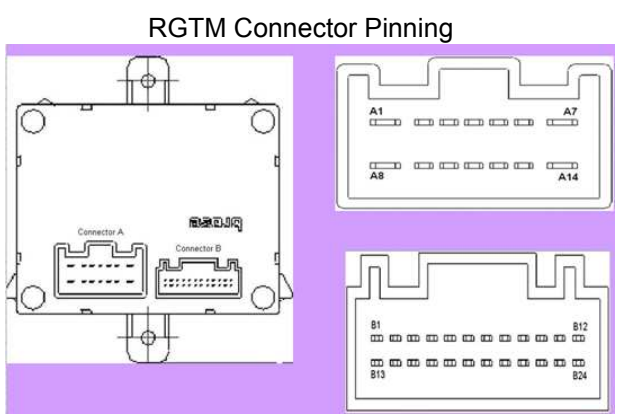
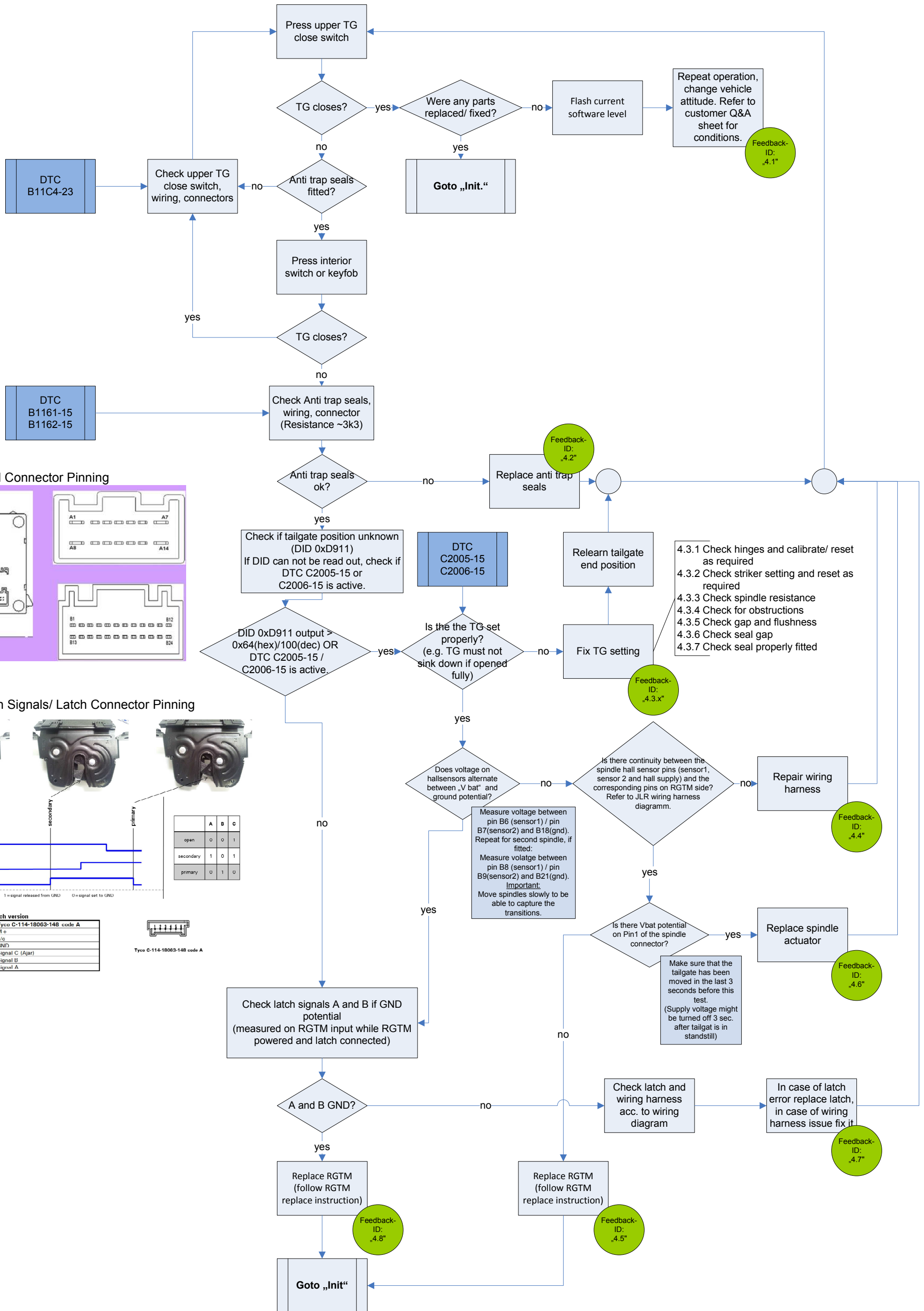
Partly op opening



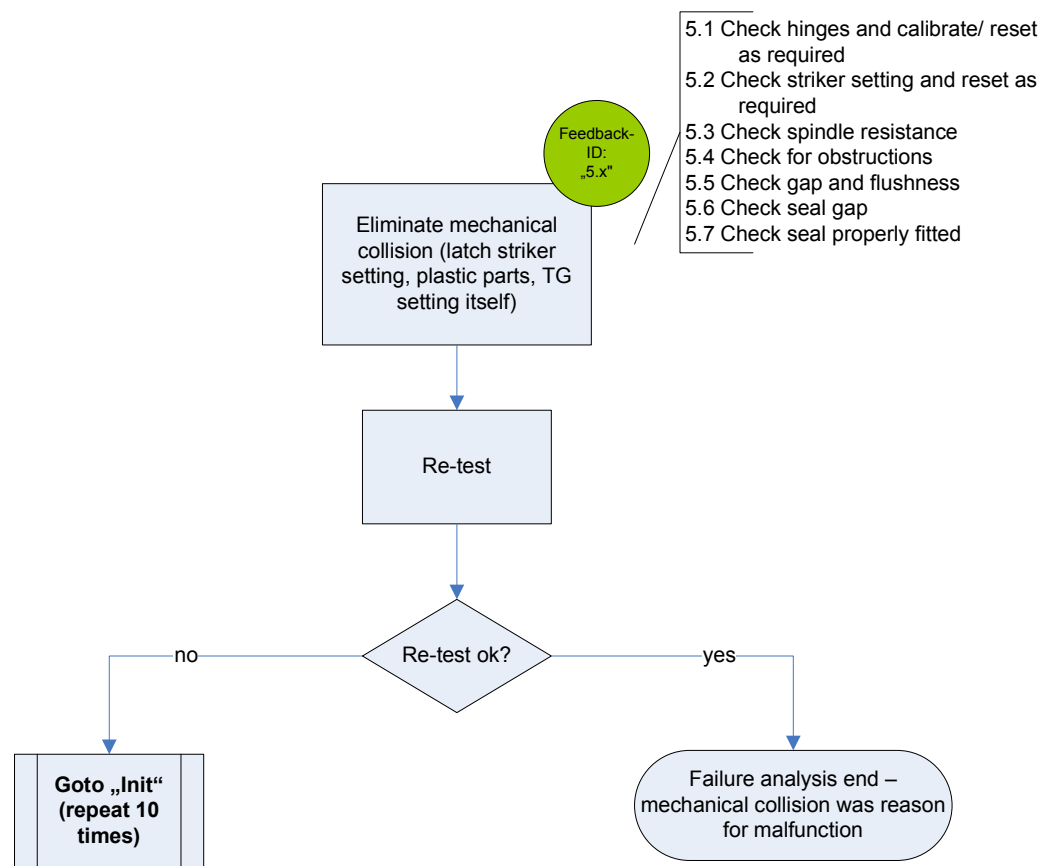
Acoustic op opening



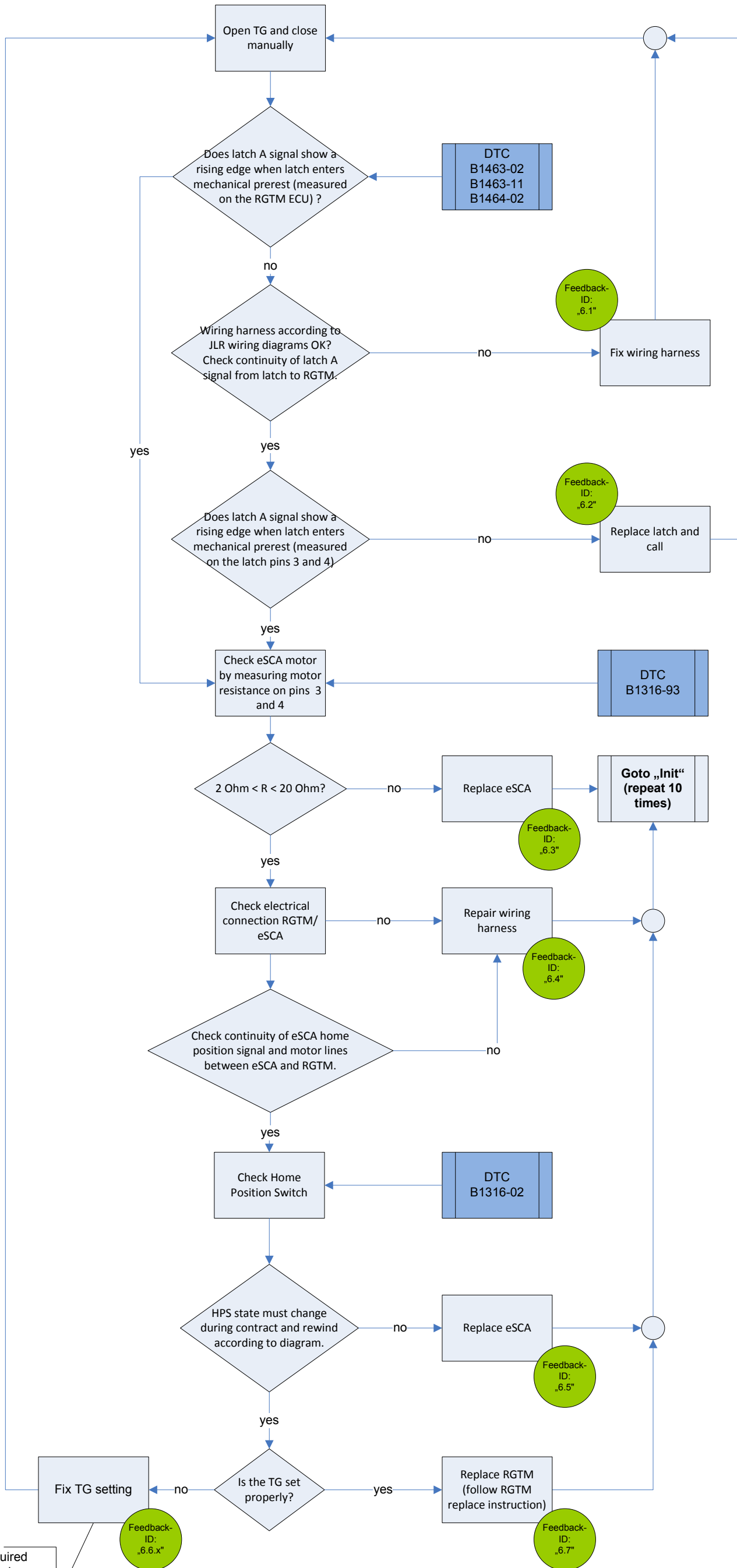
No op closing



Partly op closing



Cinching



- 6.6.1 Check hinges and calibrate/ reset as required
- 6.6.2 Check striker setting and reset as required
- 6.6.3 Check spindle resistance
- 6.6.4 Check for obstructions
- 6.6.5 Check gap and flushness
- 6.6.6 Check seal gap
- 6.6.7 Check seal properly fitted

Acoustic op closing

