

Release Notes C401

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Change Control

version	date	author	comment
1.0	11.11.2016	Daniel Keller	Release H / ECN 716685
1.1	21.04.2017	Daniel Keller	Release I / ECN 717079
1.2	05.02.2018	Daniel Keller	Release J / ECN 717892
1.3	26.11.2018	Daniel Keller	Release K / ECN 718795
1.4	08.08.2019	Daniel Keller	Release L / ECN 719610

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1 About this document

1.1 Reason

This document keeps records about all the software changes of the NGS4.
This makes it possible to see what changes were made from one to the next release.

2 Overview of changes

Date	Software	Note
11.11.2016	7042072-H	<ul style="list-style-type: none"> - Activate mechanical ALB configuration on RC12 when installing on a blank screen. Keep electrical ALB configuration if updating an existing machine. - Improved anti-stiction function for brush lift / lower - Corrected anti-stiction for powathrust - Reworked nozzle parking - Fixed navigation in menus - Reworked diagnostic pages - Reworked error handling including pop-ups - Added missing error icons / pop-ups - Simplified brush deployment - Corrected button assignment for nozzle control according C201
21.04.2017	7042072-I	<ul style="list-style-type: none"> - Stop brush/fan/pump when oil level is low - Redefined lower setpoint for brush pressure (with manometer) - Reworked front brush code - Prepared for Tier3 engine and 80kph - Exchanged symbols for coolant level / temperature with standardized ones - Fixed intake flap to open only when sweep gear gets deployed - Unlock page 4.11.10 ParameterAdjustment only with JS code (level 500) - Reworked MIL appearance for Euro Vic: Use LED symbol on display as MIL (was used as amber warning before!). Amber warning shows up on display as graphic icon. - Allow setup of camera mirroring (page 4.13.3 SetCameraBrightness) - Completed CAN gateway messages (mainly error codes) - Several bug fixes
05.02.2018	7042072-J	<ul style="list-style-type: none"> - Bugfix: Oil pressure is required to lower nozzle - Bugfix: Brushes did not lower when moving while reverse (if option "lift brushes for reversing" selected) - Bugfix: Very inaccurate calculation of average values for RPM / Fuel rate and speed → Restart calculation at zero when updating software! - Bugfix: Update ECU communication state - Implemented DPF burn-off function (Euro 6 only) - Increased after-run period (ShutdownDelay) to 330s for Euro6c - Implemented tracker deployment confirmation page (similar to TMS/C201) - Implemented new user level 223 to enter parameter setting page

26.11.2018	7042072-K	<ul style="list-style-type: none"> - New OS 4.06.0.00 for JVM407B: Improved stability of camera driver - Show pop-ups on camera masks - Added infos about installed software versions to error file on download - Added some tolerance time to fan speed signal to avoid false error detection - Track handbrake misuse for > 3km/h, > 6km/h and >10km/h, print counter values into error file - Do not set brake error 0x1241 until engine started and brake pressure loaded - Added new option for recuperation with pneumatic squeeze valve (V2) - Bugfix: Errors caused by shutdown were not suppressed on Menu4.02.6: ChassisNode2 (but were correctly suppressed on Menu4.02.5: ChassisNode1) - Bugfix: Calculation of total average fuel consumption was wrong → Restart calculation at zero (only for this specific value) when updating software! - Bugfix: wrote %s instead of real version number into Log file
08.08.2019	7042072-L	<ul style="list-style-type: none"> - Updated MFM for CMS Supatrak: <ul style="list-style-type: none"> o Added engine type o Remapped hopper frame lift / lower (share byte with engine type) o Added counter values (sweep / road hours and distance) - Added option 45kph - Bugfix: version number was not written into Log file