



v51.NavKal.1.152 (10/24/2022)

- Internal Updates

v51.NavKal.1.136 (08/07/2020)

- Updates to dialog boxes webpage links
- Remove Miles/Hours/Fuel verification for engines 2007 and older (NETS Style Programming)
 - When programming older Engines, NavKal will no longer verify the values entered are higher than the database. If values are programmed in incorrectly, simply redo the Blank Programming Request and proceed normally.

NavKal Rules Version 08052020091436 (08/05/2020)

v51.NavKal.1.134 (05/13/2020)

- Automatic retry for A26 programming failure
- Add messaging to inform user of unexpected errors with dlcGet for NETS style programming (Click Enter **DO NOT** use keyboard)
- Additional 3 box support

NavKal Rules Version 06172020143526 (06/17/2020)

v51.NavKal.1.130 (4/27/2020)

- Correct Error 117 during i766 Blank Module Flashing

v51.NavKal.1.129 (04/20/20)

- Update to recognize vintage i6 engine
- Display detailed error messages
- Display error message when all modules not detected (2 box engines)
- Display warning to user when Bluetooth connection detected
- Check for module serial number(s) before attempting Process Request

NavKal Rules Version 03122020103445 (03/12/2020)

v51.NavKal.1.121 (03/12/20)

- 3 box Support
- VIN "MFG" programmed in after blank flash
- 2010 V8 DFC Programming Failure
- i766 Blank Module Programming
- Correct accumulators (Miles, Hours, Fuel) after blank programming i766
- Clean Process Requests tab for files older than 30 days
- Add ability to send in Parameter history (J1708 and J1939)
- V8 DFC Programming
- Import all NETS functions

NavKal Rules Version 02142020140921 (02/14/2020)





v50.NavKal.2.102 (02/11/20)

- Internal update to resolve Error 116

NavKal Rules Version 02042020141546 (02/04/2020)

v50.NavKal.2.100 (02/04/2020)

- Server address update

NavKal Rules Version 02042020141546 (02/04/2020)

v50.NavKal.2.99 (12/18/2019)

- Resolved Error 8 during blank programming
- Resolved WAC Error while processing PVC Request

NavKal Rules Version 0109111546 (01/09/2020)

NavKal v50.82 (10/31/2019)

- Server address update

NavKal Rules Version 11062019170734 (11/06/2019)

NavKal v50.81 (10/29/2019)

- Address DTC 664 on DLC II engine types
- Rules file takes priority of calibration update
- Remove customer password with Parameter Upgrade function
- Verify calibration exists before attempting flash
- Blank Module Request – Module selection box
- i766 programming enhancements (moves over to NETS style programming like J1708 engines)
- i326 programming enhancements (moves over to NETS style programming like J1708 engines)
- Recovery button available for J1708 programming
- Ability to program i6 engines without DCU attached (bench setup)
- Improved key cycle prompts
- Correct issue of cluster doubling mileage on A26 blank programming
- Force user to enable connection before enabling Save Request button

NavKal Rules Version 10252019112252 (10/25/2019)

NavKal v49.1.18 (10/09/2019)

- Server address update

NavKal Rules Version 0930201919144904 (09/30/2019)



NavKal v49.1.17 (10/02/2019)

- Update files to accommodate engine calibration release

NavKal Rules Version 0930201919144904 (09/30/2019)

NavKal v49.1.15 (09/18/2019)

- Update probing rules for export calibrations

NavKal Rules Version 09112019142031 (09/11/2019)

NavKal v49.1.11 (07/09/2019)

- Correct odometer issue associated with A26 blank engine programming

NavKal Rules Version 07032019152053 (07/03/2019)

NavKal v49.1.10 (07/01/2019)

- Correct collection of module information
- Correct connection issue with diagnostic interface cables
- Correct handling of engine accumulators for blank programming

NavKal v49.125 (04/15/2019)

- Incorporate NETS code into NavKal
- Updated Call Support message for Dealer and Customer facing User Interface
- Correct User Interface when multiple requests are pending
- Save Engine Parameters to History Database
- Save Engine Accumulators (Miles, Hours, etc.) to History Database
- Save Engine Calibration to History Database
- Correct parameter failures on various I6 engines
- Correct programming failures on various V8 engines
- Correct programming failures on various Big Bore engines
- Update all module calibrations in database after programming event

NavKal Rules Version 03292019132523 (03/29/2019)

NavKal V48.67 (03/12/2019)

- Correct error 100 Issue
- Correct Engine Serial Number programming on A26

NavKal Rules Version 03112019143742 (03/11/2019)

NavKal V48.61 (02/18/2019)

- Correct N9/N10 ACM programming to prevent 609-14 Fault Code

NavKal Rules Version 02122019185049 (02/12/2019)



NavKal V48.60 (09/26/2018)

Fixes:

- Identify when VIN/ESN/EFRC are incorrect (defaulted) and stop the programming process for J1939 engines
- Does not push defaulted parameters to history

NavKal V48.54 (09/05/2018)

- Correct i313 Programming errors

NavKal V48.53 (08/22/2018)

- Disabled J1708 history pushing
- Corrected issue where recovery button would appear after successful parameter upgrade programming on i313
- Corrected issue where process request would not generate a PVC after programming completed on i313

NavKal V48.43 (06/25/2018)

- A26 Database Update
- Correct A26 Blank Programming
- Correct 745 Parameter Stall
- Correct 746 Calibration Update

NavKal Rules Version 07172018151342 (07/17/2018)

NavKal V48.38 (06/12/2018)

- Correct issue with N9/N10 parameter programming

NavKal Rules Version 05302018105534 (05/30/2018)

NavKal V48.36 (05/24/2018)

- Correct issue while connecting to brand new module
- Upload log files on close of software
- Allow all dealer user IDs to set Dealer Account and Location
- Correct issue with DCU showing Null for calibration update
- Correct License Agreement
- Correct programming for 2007 – 2009 I6 engines
- Additional background fixes

NavKal Rules Version 05232018171930 (05/23/2018)

NavKal 47.44 (04/17/2018)

- Correct issue with N9/N10 parameter programming

NavKal Rules Version 04172018175234 (04/17/2018)



NavKal 47.43 (03/08/2018)

- Send DM13 (stop module broadcast) for A26 programming
- Inform user of Body Controller Kernel dependency for A26
- Send clear fault request for SCR engines
- Fix issue with parameters blanking out on Big Bore engines
- Advanced logging for parameter failures
- Update handling of miles, hours, and fuel during blank validation
- Correct parameter programming for A26
- Correct engine selection list
- Include message to clear SCR DTCs before programming
- Correct baud rate parameter for 745 engines
- Display error if module serial number does not match original request
- Update WAC service for updating Calibration Scorecard
- Inform user of incorrect VIN, ESN or EFRC parameters
- Adjust Vehicle Information panel to display ACM calibration

NavKal Rules Version 04092018163706 (04/09/2018)

NavKal Rules Version 03062018120927 (03/06/2018)

NavKal Rules Version 02132018120240 (02/13/2018)

NavKal 46.29 (01/30/2018)

- Addressed issue with AFC Parameter Programming

NavKal Rules Version 01262018174635 (01/26/2018)

NavKal Rules Version 01122018132724 (01/12/2018)

NavKal Rules Version 12082017163514 (12/08/2017)

NavKal v46.NavKal.26 (12/7/17)

- Addressed issue with network failure to calibration upgrade server

NavKal Rules Version 11212017125847 (11/21/17)



NavKal v46.NavKal.25

- Disable Programming if NavKal requires software update
- Correct Blank Module flashing on VT365
- Correct fault clearing
- Show faults for all Modules on datalink
- Add "Clear DTCs" message after successful programming
- Corrected J1708 Faults
- Correct Blank Module flashing on DLCII I6
- Add DLCII I6 IDM programming
- Rules and Version download occur before software opens
- User Interface change to match Navistar Engine Diagnostics
- Implement DM13 during programming

NavKal Rules Version 11132017155929 (11/13/2017)

NavKal Rules Version 11062017170955 (11/06/2017)

NavKal Rules Version 11032017211751 (11/03/2017)

NavKal Rules Version 10312017104356 (10/31/2017)

NavKal Rules Version 1009201717160547 (10/09/2017)

NavKal Rules Version 10022017164629 (10/02/2017)

NavKal Rules Version 09152017162114 (09/15/2017)

NavKal Rules Version 08282017101713 (08/28/2017)

NavKal Rules Version 08232017111018 (08/23/2017)

NavKal Rules Version 08162017144213 (08/16/2017)

NavKal Rules Version 07252017144408 (07/25/2017)

NavKal v45.NavKal.45

- Data update to support A26 blank programming

NavKal Rules Version: 06172017083257 (06/17/2017)

NavKal v45.NavKal.42 (06/15/2017)

- Bug fix for requesting Dealer information for non-dealer users
- Bug fix for features associated with Standard and Pro versions
- Enhancement for adding module history tab for Standard version



NavKal v45.NavKal.38 (05/22/2017)

- User interface enhancement to display error codes
- Remove multiple restarts during NavKal calibration file updates
- New splash screen at the launch of NavKal application
- Improved programming reliability
- Save parameters locally before programming operations
- A26 engine support
- Programming bug fixes for I6 engine family

NavKal Rules Version: 05052017103300 (05/05/2017)

NavKal Version: v44.NavKal.6.201603291145 (04/07/2017)

NavKal Rules Version: 04042017120449 (04/04/2017)

- Export engines added
- New probing rules for i746 calibration

NavKal Version: v44.NavKal.5.201702081542 (03/08/2017)

NavKal Rules Version: 03062017151221 (03/06/2017)

- New B745 (500K) calibration release
- Fixed probing for new B745 (500K) engine calibration

NavKal Version: v44.NavKal.4.201603291145 (02/13/2017)

- Fixed error with blank EIM programming on I766 Big Bore module
- Fixed error with NavKal launching when offline

NavKal Version: v44.NavKal.3.201603291145 (01/11/2017)

- Adds additional logging for reports that can be sent back to Navistar
- Includes User Instructions before starting programming
- Adds support for 2007-2009 I766 Big Bore Modules programming
- Adds support for ECM/IDM 1.1 modules

NavKal Rules Version: 01032017110509 (01/03/2017)

- New 745 calibration released (500K)
- Calibration released for QLS Update

NavKal Version: v43.3.NavKal.14.201603291145*

NavKal Rules Version: 11132016101101 (11/13/2016)

- New 745 calibration released (250K)
- New export engines included into rules.
- Pre 2010 Big Bore engines may still encounter errors during programming. Use NETS for these engines.



NavKal Version: v43.3. NavKal.14.201603291145*

NavKal Rules Version: 10122016094521 (10/12/2016)

- Overhaul of programming for ALL engine types
- Updates to 500K programming
- New registration process of software
- Ability to override key on/off prompt after 2-minute time out
- Auto retry once if programming fails (seamless)
- Additional logging included for diagnosing issues

* Pre 2010 Big Bore engines may still encounter errors during programming. Use NETS for these engines.

NavKal Rules Version: 07062016152903 (07/06/2016)

- New export engines included into rules.
- EMD engines now update to current calibrations.

NavKal Version: v43.2.NavKal.1.201510221609

- Bug Fix – Software to read ESN from rules file instead of ECM serial number. Fixes an issue where NavKal reported calibration up to date when outdated.

NavKal Rules Version: 05162016140818 (05/16/2016)

- Rules Update – Includes updates for vehicles converted from EGR to SCR

NavKal Rules Version: 02242016124641 (02/24/2016)

- With NavKal 43, there is a new format to the Rules Version: MM DD YYYY HH MM SS

NavKal Build v43.1.NavKal.23.201510221609 (03/08/2016)

Software Enhancements:

- Added support for N13 500K Engines

Software Fixes:

- Improved WAC code processing

NavKal Build v43.NavKal.12.201510221609 (11/19/2015)

Software Fixes:

- Change message to Contact Tech Services and added Phone Number
- Fix to Blank Request Errors
- NavKal Error Message Visibility
- Optional listed next to Case File for Blank Module Flashing
- Fixed parameter change issue with CARB and IST parameters
- Blank Programming fixed for 13L engine replacements
- Better success with Process Requests
- PVC/Calibration Change/Blank Programming Processes Automatically



NavKal Build v39.NavKal.1.4.201409111529 (07/16/2015)

Software Fixes:

- Added Export Calibration support for MaxxForce 13

NavKal Build v39.NavKal.1.2.201409111529 (07/14/2015)

Software Fixes:

- i334 DCU programming
- 2010 – 2012 I6 and 2013 I6 Engine detection corrected (now based off calibration, not ESN)

NavKal Build v39.NavKal.134.201409111529 (05/21/2015)

Software Fixes:

- Added support for 2015 N13 (B745)
- Disabled staging for Blank Module Flashing (CASE FILES NO LONGER REQUIRED)
- Although case files are no longer required, you will still have to enter in 123456 in the Case File Field
- Corrected WAC Error with missing ESN when Processing Requests

NavKal Build v39.NavKal.132.201409111529 (03/25/2015)

Software Fixes:

- Resolves error code 49
- Ensure ESN is included in PVC submission
- New path used for log files
- Ensure rules changes download consistently
- Download calibrations/rules from Amazon cloud server
- Allow NavKal to proceed to the next transaction if the PVC web service returns a failure
- Added support for CAT CT11/13 engines