



FIELD SERVICE CAMPAIGN – 23111

19 December 2023

SUBJECT:

Lane Keep Assist Software Update

MODELS INVOLVED:

International® LT® and RH™ Series trucks

DEFECT DESCRIPTION:

International® LT® and RH™ Series trucks with Lane Keep Assist (LKA) may have outdated software in the LKA Electronic Control Unit (ECU), resulting in false positive fault codes. A software update will resolve this issue.

ELIGIBILITY:

This procedure applies ONLY to vehicles marked in the International® Service PortalSM with FSC 23111. Also complete any other open campaigns listed on the Service Portal at this time.

TOOLS REQUIRED:

Description	Tool Number
EZ-Tech® or EST with Bendix® Utility Software ASC_AF18a or Greater	N/A
EZ-Tech® or EST with Diamond Logic® Builder Software	N/A
NEXIQ (USB-Link 2™ Series or USB-Link 3™ Series) Interface Cable	N/A
Battery Charger 55 amp	PSC550CC

Table 1 Tools Information

PARTS REQUIRED:

No parts required

WORK INSTRUCTIONS

WARNING! To prevent personal injury and / or death, or damage to property, park vehicle on hard flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in both directions.

WARNING! To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.

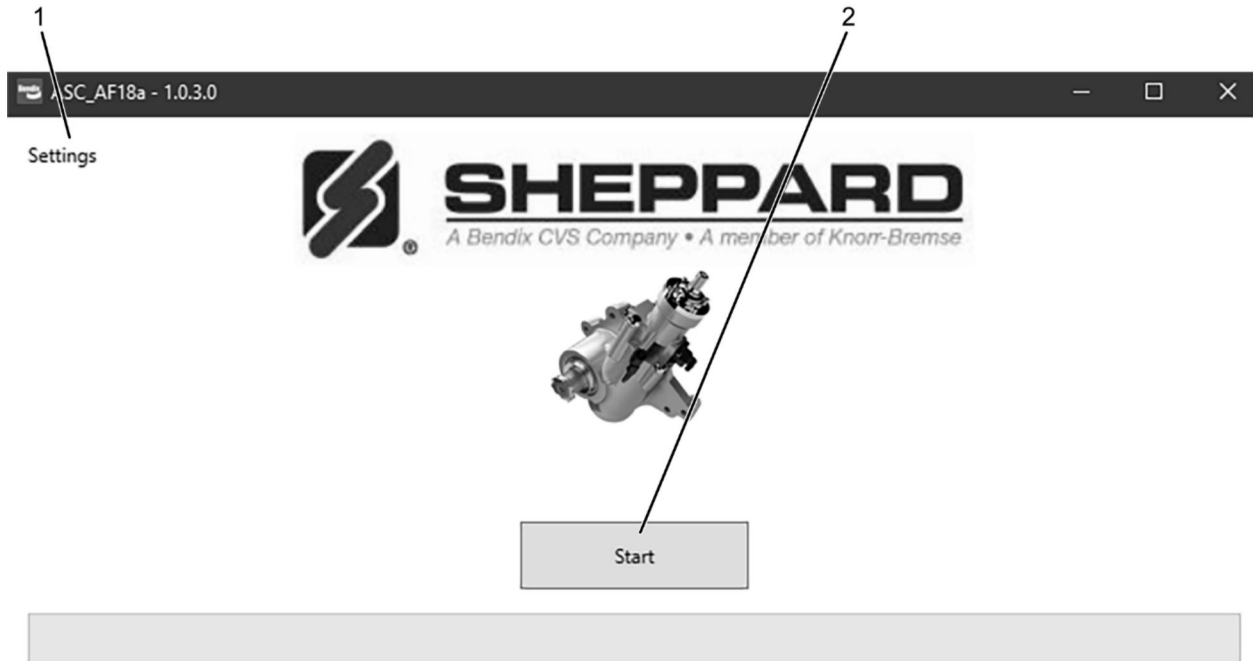
WARNING! To prevent personal injury and / or death, or damage to property, keep flames or sparks away from vehicle and do not smoke while servicing the vehicle's batteries. Batteries expel explosive gases.

NOTE: To ensure a complete software update, park vehicle in an area that offers reliable internet connectivity.

1. Park vehicle on a level surface.
2. Shift transmission into Park or Neutral and set parking brake.
3. Turn ignition to Key OFF position.
4. Install wheel chocks.
5. Connect battery charger / maintainer to vehicle battery.
6. Open driver-side door.
7. Using only NEXIQ USB-Link 2™ or NEXIQ USB-Link 3™ interface cables, connect EZ Tech® or EST to vehicle.

NOTE: EZ-Tech® Support Group has the Bendix® Utility Software ASC_AF18a software on EZ-Tech® Download Center. Please go to the EZ-Tech® Download Center and add the program to the desktop.

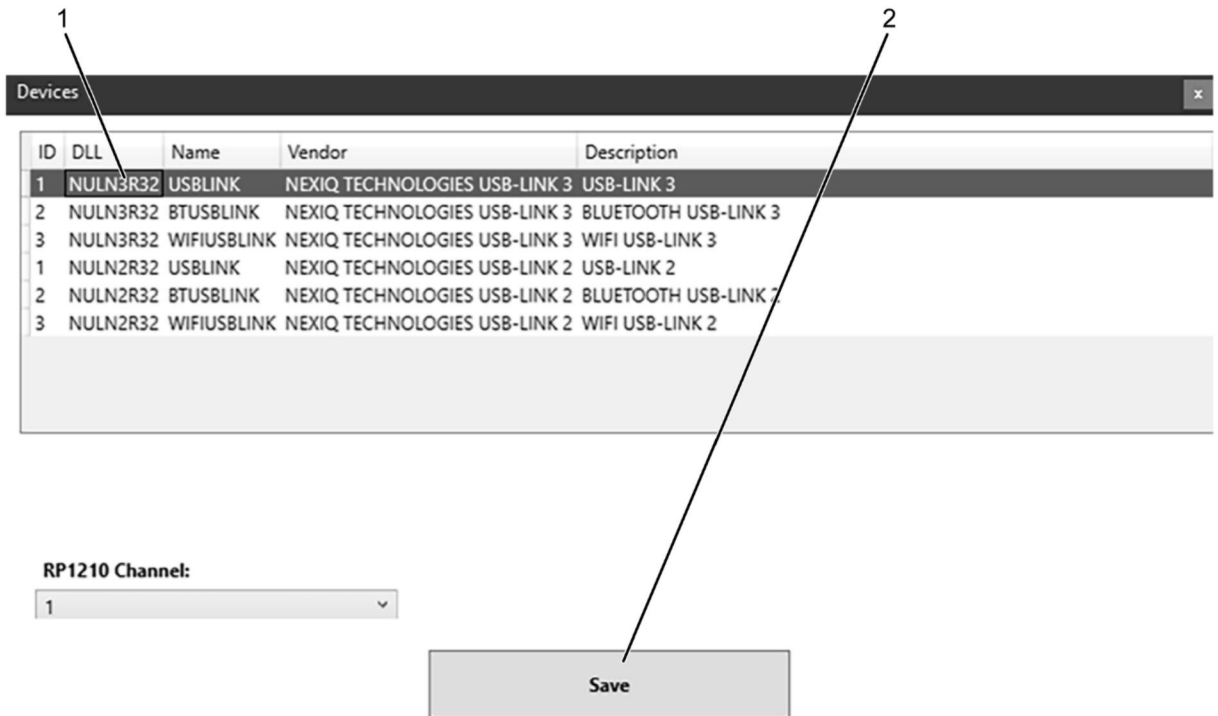
8. Turn ignition to Key ON, Engine OFF position. Launch Bendix® Utility Software ASC_AF18a.



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Figure 1. Bendix® Utility Software ACS_AF18a

1. Settings button
2. Start button



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Figure 2. Settings Menu

1. USB-Link settings
 2. Save button
9. Click the **Settings** button (Figure 1, Item 1) and then select the correct USB-link used to connect to the vehicle (Figure 2, Item 1).
 10. Click the **Save** button to save the correct setting (Figure 2, Item 2).



Figure 3. Bendix® Utility Software ASC_AF18a Completion

1. Update complete

NOTE: If a red bar with an error code appears at the bottom of the screen, run the program again. If an error code continues to display, keep the screen active, make note of any error code, and contact 1-800-AIR-BRAKE for support on the error.

11. Click the **Start** button (Figure 1, Item 2).
12. Once the update status is complete (Figure 3, Item 1), the utility software displays a green bar at the bottom of the window.
13. Close utility software.
14. Launch Diamond Logic® Builder (DLB) software.

NOTE: Refer to Diamond Logic® Builder software (Basic Programming and Diagnostics Only) Diagnosing and Clearing Fault Codes section for instructions.

15. Enter **Diagnostic** mode and select **Faults** tab. Clear any listed diagnostic trouble codes.
16. Close Diamond Logic® Builder software.
17. Turn ignition to Key OFF position.
18. Disconnect interface connector from diagnostic port.
19. Disconnect battery charger / maintainer from vehicle battery.
20. Remove wheel chocks.

LABOR INFORMATION

Operation number must appear on all claims.

Operation Number	Description	Time
A40-23111-1	Lane Keep Assist Software Update	0.5 hrs

Table 2 Labor Information

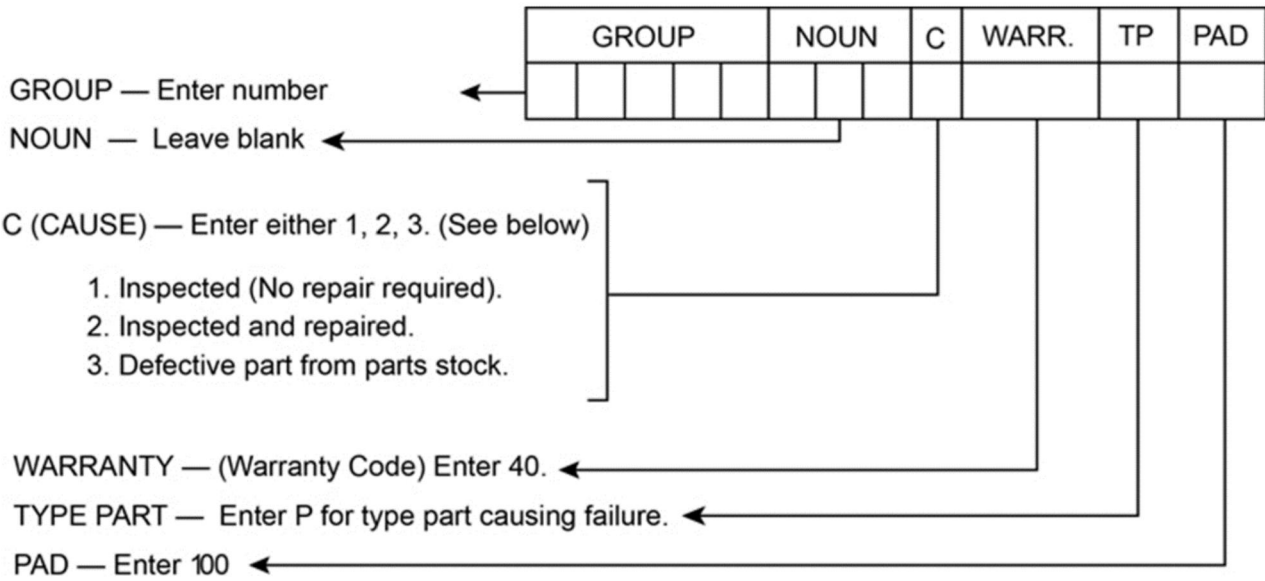
WARRANTY CLAIMS

Warranty claim expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Field Service Campaign 23111.

Section 7 of the Warranty Policy and Procedures Manual contains further information related to the submission and processing of AFC / Recall claims.

As with all claim submissions, items acquired locally must be submitted in the “Other Charges” tab. The cost of any bulk items (such as a bag of cable tie straps, roll of wire, barrel of oil, or tube of silicone) should be prorated for the cost of the individual pieces / amount used during each repair.

To make sure this important improvement is made in a timely manner, all claims for 23111 activity must be submitted by 19 December 2024 or within the normal warranty period for the component repaired, if after 19 December 2024.



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