



FIELD SERVICE CAMPAIGN – 22118

10 November 2022

SUBJECT:

Reprogram Engine Control Module (ECM) Parameter

MODELS INVOLVED:

International® HV™, HX®, LT®, and RH™ Series trucks with International® A26 EPA 2021 engines

DEFECT DESCRIPTION:

Certain International® HV™, HX®, LT®, and RH™ Series trucks may have contained incorrect programming in make and model programmable parameter.

ELIGIBILITY:

This procedure applies ONLY to vehicles marked in the International® Service PortalSM with FSC 22118. Also complete any other open campaigns listed on the Service Portal at this time.

TOOLS REQUIRED:

Description	Tool Number
Battery Charger 55 Amp	PSC550CC
EZ-Tech® or EST with Service Diagnostics Solutions (SDS) Software	N/A

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.

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.

NOTE: If Make and Model template has been already downloaded to the computer, go to Step 7.

6. Download and save **Make Model Template**:

[IK5000115 - Reprogram ECM Parameter - SDS](#)

NOTE: Only use NEXIQ USB-Link or NEXIQ USB-LINK™ 2 interface cables. Other varieties of cable may increase programming time or may be incompatible.

7. Using NEXIQ USB-Link or NEXIQ USB-LINK™ 2 interface cables, connect to vehicle.
8. Turn vehicle ignition to Key ON, Engine OFF.
9. Launch Service Diagnostics Solutions (SDS) software.

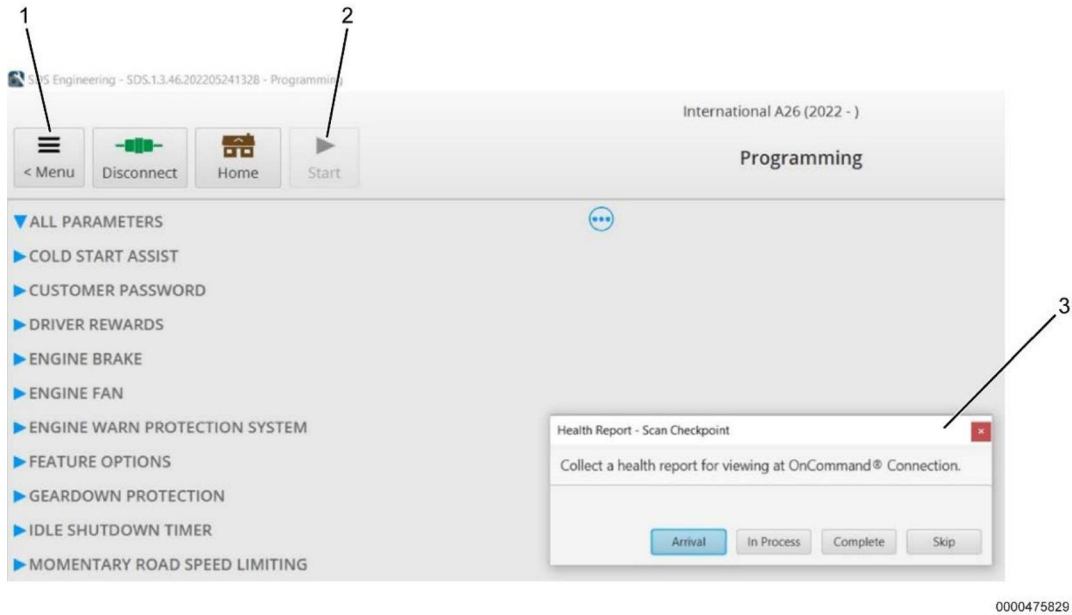


Figure 1. SDS Programming Screen

1. Menu button
 2. Start / Program button
 3. Health Report – Scan Checkpoint box
10. Collect a health report by selecting **ARRIVAL** in **HEALTH REPORT – SCAN CHECKPOINT** box (Figure 1, Item 3).
 11. Clear any inactive / **PREVIOUSLY ACTIVE** fault codes by selecting **FAULTS** button in action bar.
 12. Select **MENU** button (Figure 1, Item 1).

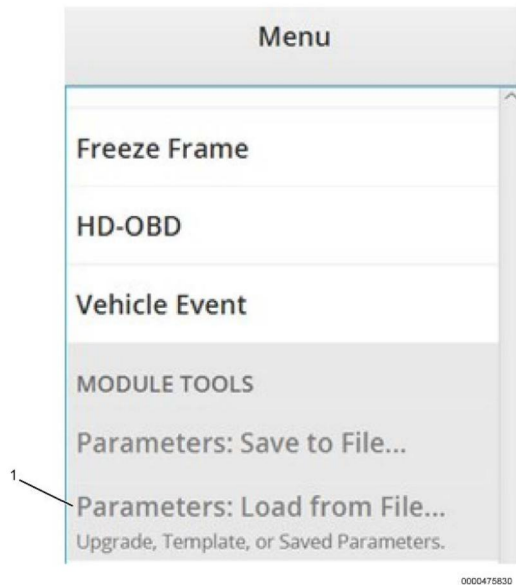


Figure 2. Menu Selection

1. Parameters: Load from File

13. Select **PARAMETERS: LOAD FROM FILE** (Figure 2, Item 1).

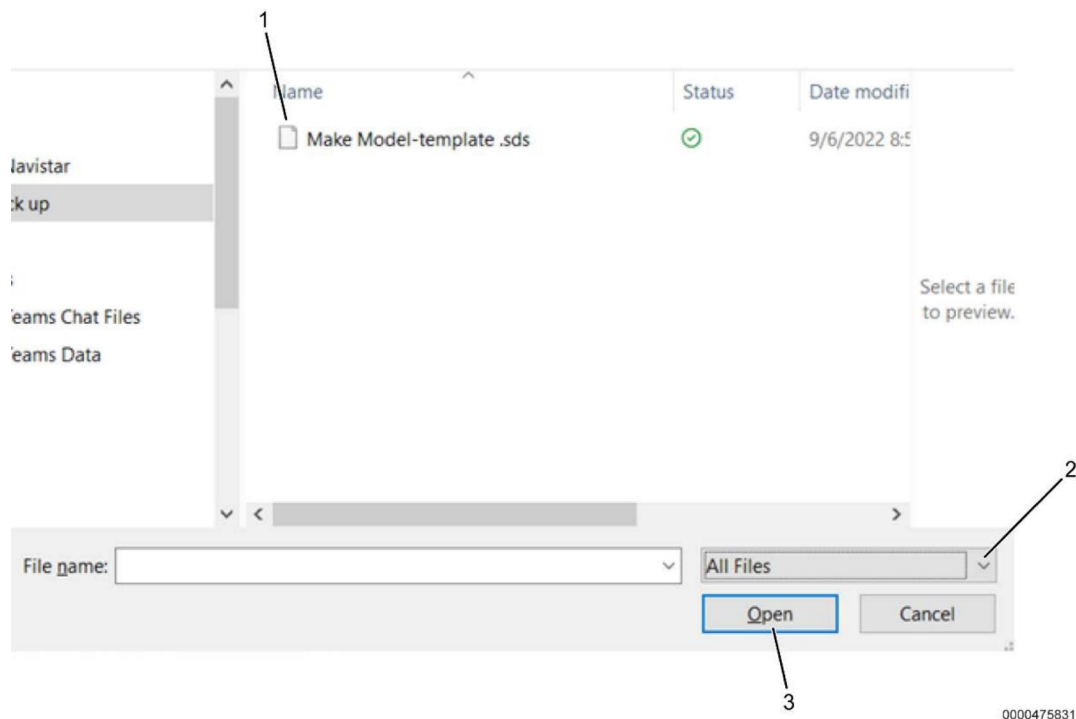


Figure 3. Load Template Screen

1. Make Model – Template file
2. All Files
3. Open button

14. Ensure **ALL FILES** is selected (Figure 3, Item 2).

15. Select **Make Model Template** (Figure 3, Item 1).

16. Select **OPEN** button (Figure 3, Item 3).

NOTE: Modules may be prepopulated / checked when you select OPEN in template screen.

17. Add a check mark next to modules you want to load parameters into.

NOTE: The SUCCESS window will pop up when load is complete and successful.

18. Select **LOAD SELECTED MODULES** tab in the **Select File** window.

19. Select **START / PROGRAM** button (Figure 1, Item 2).

20. Follow the on-screen instructions.

21. Turn vehicle ignition to Key OFF position.

22. Turn vehicle ignition to Key ON, Engine OFF.

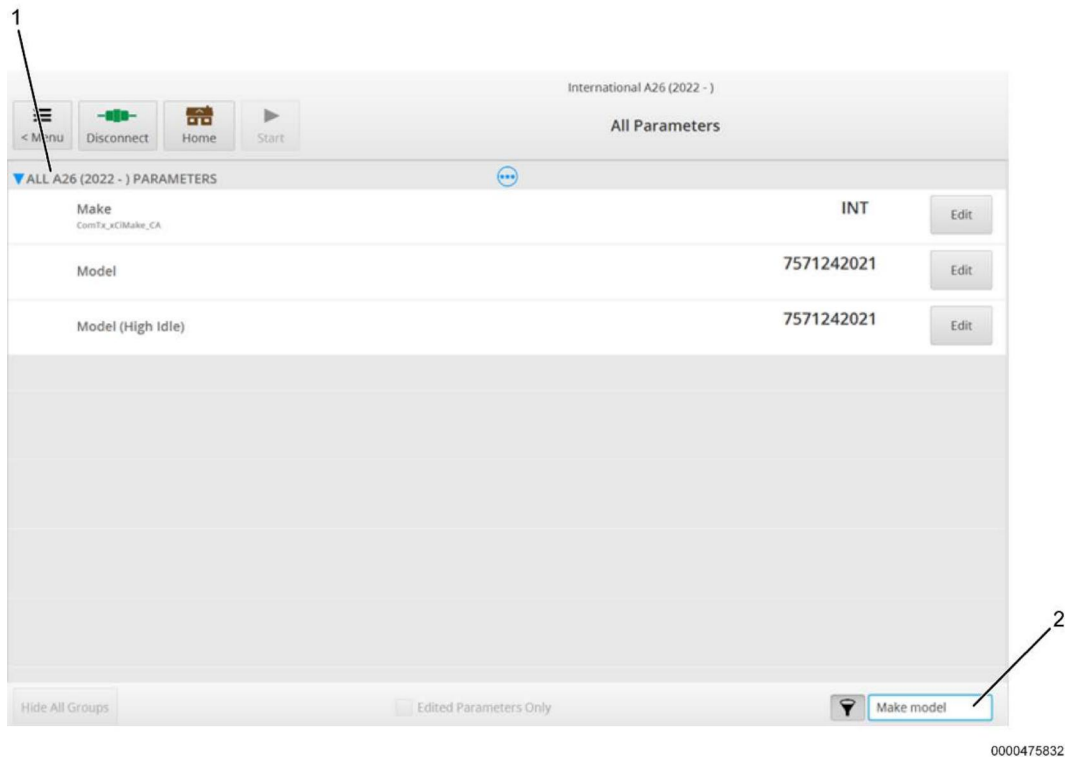


Figure 4. Correct Make and Model Parameter

1. All Parameter tab
2. Search / filter box

NOTE: The correct Make and Model parameter will display INT and 27571242021.

23. Select **ALL PARAMETERS** tab (Figure 4, Item 1) under **MENU** and type make model into **Search / Filter** box (Figure 4, Item 2) to confirm parameter change has been successfully updated.
24. Turn ignition to Key OFF position.
28. Disconnect interface connector from diagnostic port.
29. Disconnect battery charger / maintainer from vehicle battery.
30. Remove wheel chocks.

LABOR INFORMATION

Operation number must appear on all claims.

Operation Number	Description	Time
A40-22118-1	Reprogram ECM Parameter	0.5 hrs

Table 2 Labor Information

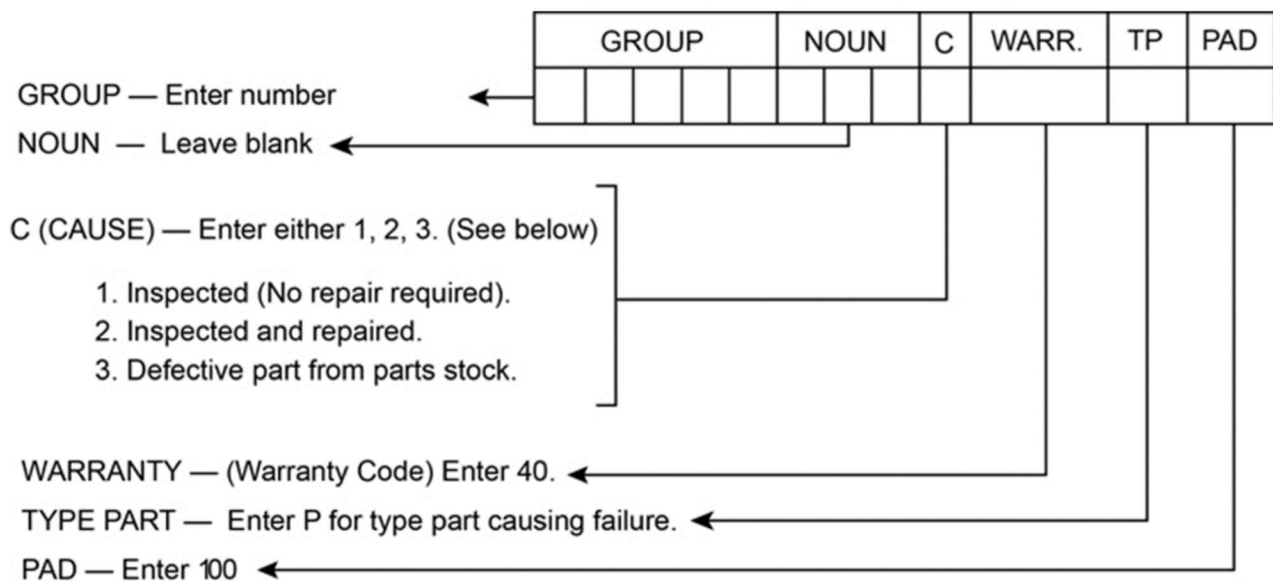
WARRANTY CLAIMS

Warranty claim expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Field Service Campaign 22118.

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 that this important improvement is made in a timely manner, all claims for 22118 activity must be submitted by 10 November 2023 or within the normal warranty period for the component, if after 10 November 2023.



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