

 Preview Solution CBR-2532-1

Automatic High Beam - VN (4) - PR (4) - AN (4)

Published 25 November 2025

Valid For

Volvo Chassis - VN (4)

Mack Chassis - PR (4) - AN (4)

Model Year - 2025 to current.

The purpose of this CBR is to address issues of Automatic High Beam functionality not working.

Overview

There are safety recalls that disables the automatic high beam feature. This could have been implemented by over-the-air programming, or by updating to the latest service pack. Inform the customer about this safety recall if they are not already aware. **DO NOT DIAGNOSE** this issue. Once a solution becomes available, the feature will be re-enabled.

This applies to:

Volvo Safety Recall - RVXX2511 Automatic High Beams

Mack Safety Recall - SC0488 Automatic High Beams

Related links and attachments

No links or attachments available



Share

to others that might find it helpful



Feedback

[Give feedback](#)

to help improve the content of this article

SAFETY RECALL

Volvo Trucks North America

Greensboro, NC USA

VOLVO

| Release Date | Number | Release | Page |
|--------------|----------|---------|------|
| 11.2025 | RVXX2511 | 01 | 1(6) |

**Automatic High Beam
VN(4)**

RECALL INFORMATION

(November 2025)

Certain VN(4) vehicles may be equipped with automatic high beams that do not meet the requirements of FMVSS 108 S14.9.3.11 Semiautomatic headlamp beam switching device tests. Due to errors in identifying certain oncoming vehicles, the headlamp may not switch to low beam lights as expected. High beams that do not automatically switch to low beams may create reduced visibility for other road users, increasing the risk of a crash.

Volvo Trucks has not received any complaints or reports of vehicle crashes because of this safety defect; therefore, Volvo considers this as a proactive measure to protect the public and Volvo's customers from the potential risk associated with this defect.

To correct this safety issue, follow the instructions below to disable the automatic high beam feature. Please advise the customer that once the identification error is resolved, a solution will be made available.

VEHICLES AFFECTED

Certain 2024 through 2026 Volvo VN(4) models manufactured from October 02, 2023, through November 13, 2025.

VEHICLE QUANTITY

There are 5,340 vehicles affected by this recall (4,887 U.S. and 453 Canada).

Repair Instructions

1. Disable the automatic high beam feature by programming the truck. Programming can be performed using Over the Air (OTA), Workshop Toolbox (WSTB), or Premium Tech Tool (PTT).

IMPORTANT NOTE

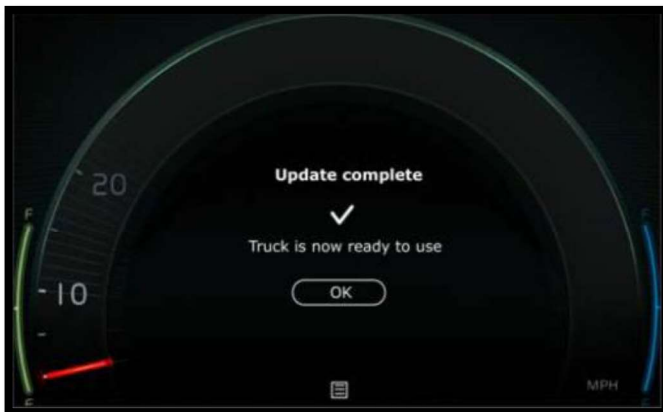
Once the accessory kit has been successfully installed, the auto high beam icon will no longer show nor illuminate on the dash. The option to turn on the auto high beam will be removed from the menu.

OTA Programming (Preferred)

1. Make sure the truck is outside, park on a level surface, key on engine off, battery sufficiently charged, and parking brake set.
2. Software available should appear in the instrument display.
3. Select to proceed.



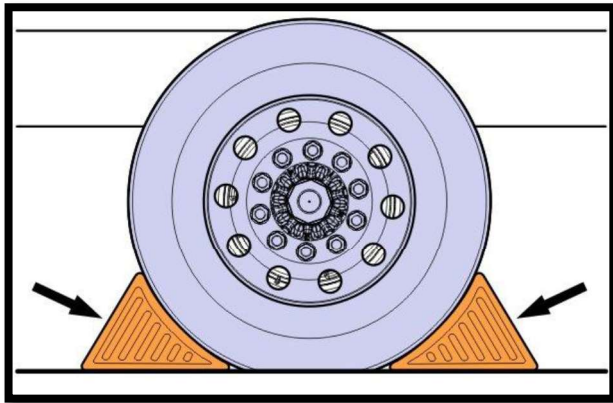
4. Software will start updating.
5. Once the software is updated, select ok.



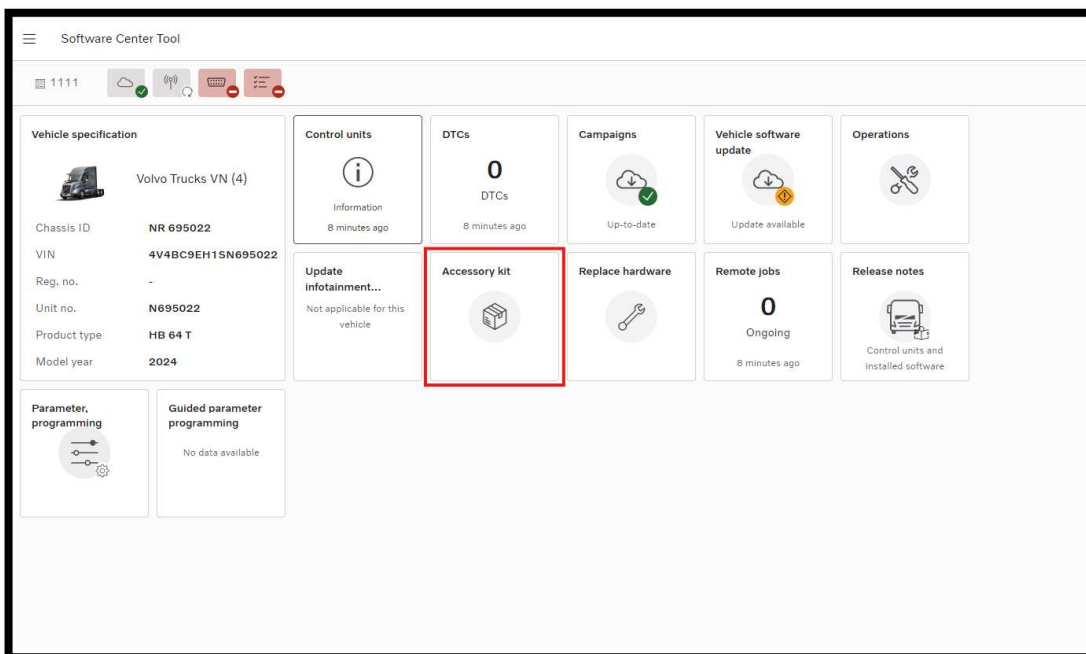
6. Return the truck back to service.

Workshop Toolbox (WSTB)

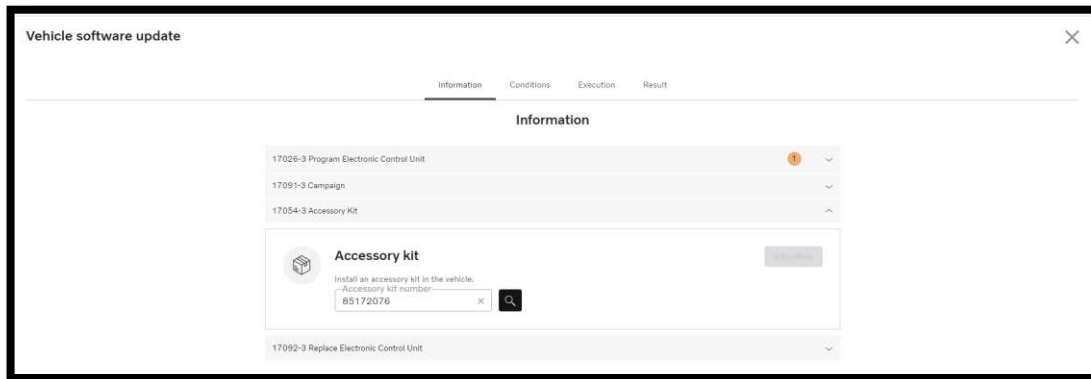
1. Park the vehicle on a level surface.
2. Apply the parking brake.
3. Place the gear lever in neutral.
4. Install wheel chocks.



5. Turn on the ignition.
6. Ensure the use of the approved Vocom II box, USB Cable, and 16 pin (Blue) Connector.
7. Log into workshop toolbox and connect to the vehicle. Ensure workshop toolbox is up to date with the latest version.
8. Once the vehicle has been identified, enter a work order number and select “start work”.
9. From the menu options, select the accessory kit widget.



10. Enter accessory kit number **85172076** and hit search.

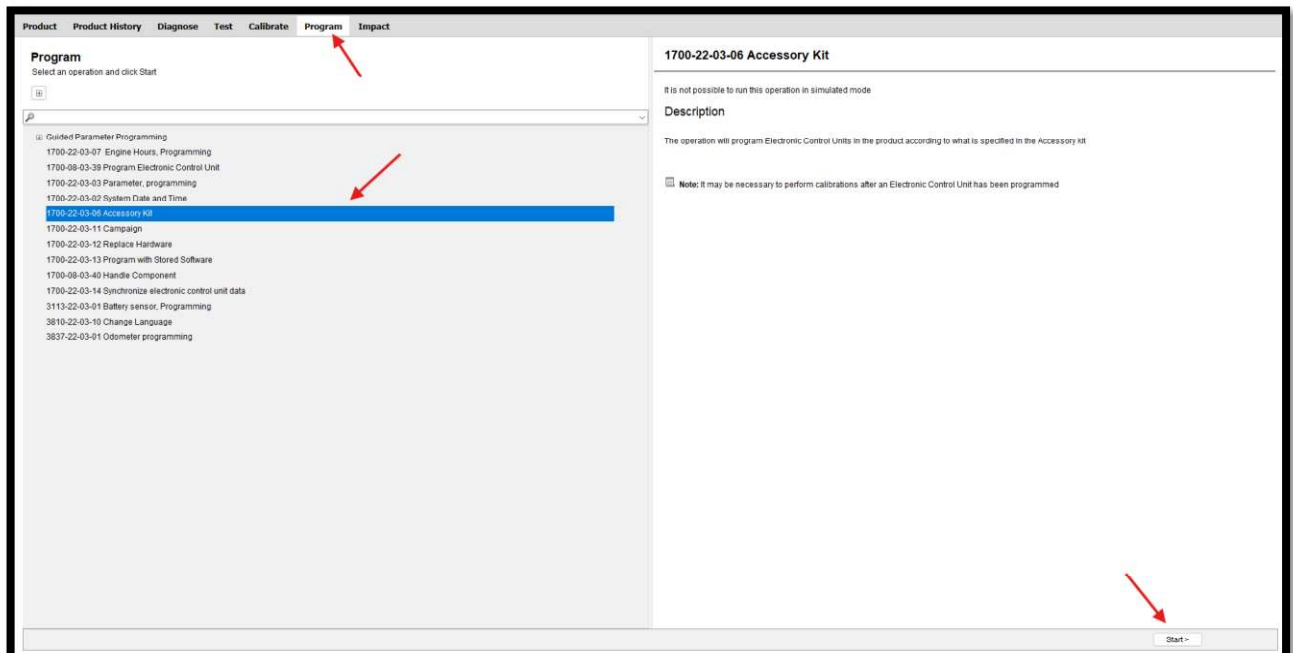


11. Start operation and allow truck to install accessory kit.

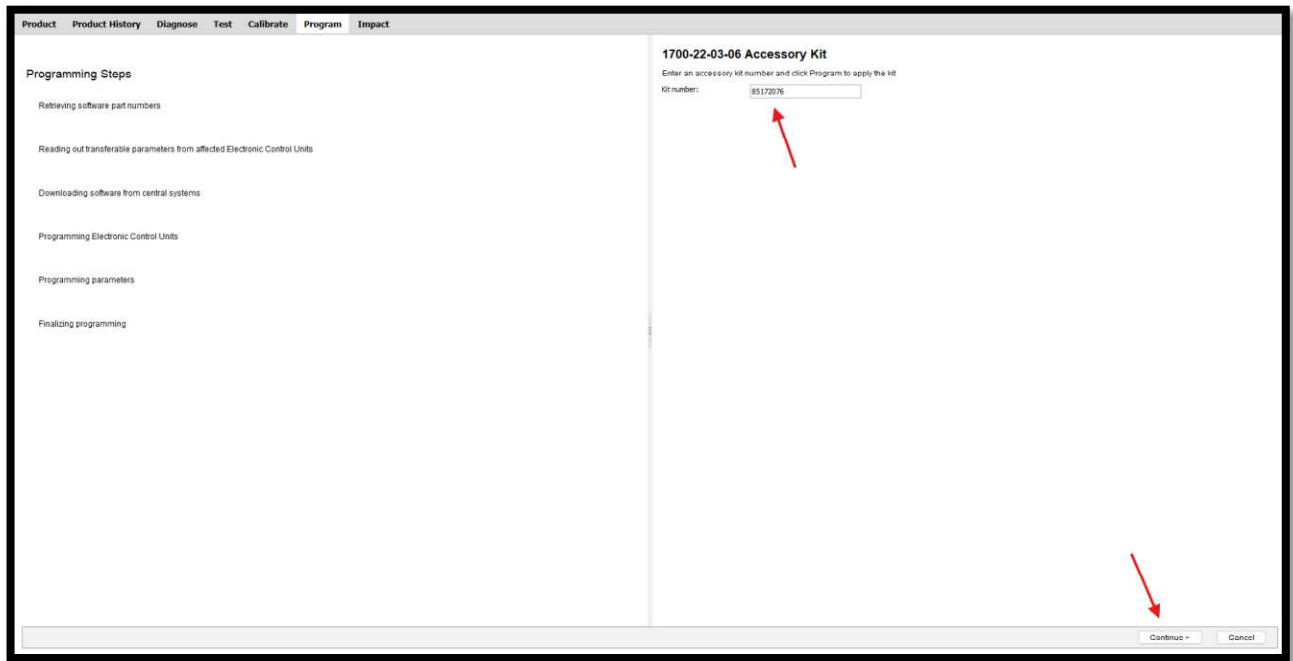
12. Return truck to service

Premium Tech Tool (PTT)

1. Secure vehicle for service.
2. Apply parking brake.
3. Place the transmission in park or neutral.
4. Install wheel chocks.
5. Connect to the truck using the latest version of Premium Tech Tool (PTT).
6. Ensure the use of the approved Vocom II box, USB Cable, and 16 pin (Blue) Connector.
7. Once connection to the vehicle is established.
8. Navigate to the Programming Tab.
9. Run operation **1700-22-03-06 Accessory Kit**.



10. Enter accessory kit number **85172076** and select continue.



11. Clear any DTC's from the truck.
12. Finish work on the product page.
13. Disconnect PTT from the truck.
14. Remove wheel chocks.
15. Return the truck back to service.

REIMBURSEMENT

| | |
|--|-----------------------------|
| This repair is covered by an authorized Safety recall. Reimbursement is obtained through the normal claim handling process. | |
| | UCHP Reimbursement |
| Claim Type (used only when uploading from the Dealer Business System) | 40 |
| Recall Status | |
| Vehicle repaired per instructions | 1-Modified per instructions |
| Main Labor Code | |
| 1720-16-09-01 Campaign, General (0.1 X 3) | 0.3 |
| Causal Part | 23998406 |
| Authorization Number | C0514 |

Note: Dealers or the designated representatives are required to perform Safety Recall on all subject vehicles at no charge to the vehicle owner regardless of mileage, age of vehicle or ownership (original purchaser or subsequent purchasers). Whenever vehicles that are subject to a Safety Recall are brought to your dealership for service, it is strongly recommended that every effort be made to perform the recall correction before the vehicle is released to the owner.

Safety Recall

Mack Trucks Inc.
Greensboro, NC USA



| Date | Number | Release | Page |
|---------|--------|---------|------|
| 11.2025 | SC0488 | 01 | 1(6) |

Automatic High Beam PR, AN(4)

RECALL INFORMATION

(November 2025)

Certain Mack Pioneer (PR) and Anthem AN(4) vehicles may be equipped with automatic high beams that do not meet the requirements of FMVSS 108 S14.9.3.11 Semiautomatic headlamp beam switching device tests. Due to errors in identifying certain oncoming vehicles, the headlamp may not switch to low beam lights as expected. High beams that do not automatically switch to low beams may create reduced visibility for other road users, increasing the risk of a crash.

Mack Trucks has not received any complaints or reports of vehicle crashes because of this safety defect; therefore, Mack considers this as a proactive measure to protect the public and Mack's customers from the potential risk associated with this defect.

To correct this safety issue, follow the instructions below to disable the automatic high beam feature.

VEHICLES AFFECTED

Certain 2025 through 2026 Mack PN and AN(4) model vehicles manufactured from October 22, 2024, to November 03, 2025.

VEHICLE QUANTITY

There are 301 vehicles (247 US, 46 Canada, 6 Mex., 2 Export).

1. Disable the automatic high beam feature by programming the truck. Programming can be performed using Over the Air (OTA), Workshop Toolbox (WSTB), or Premium Tech Tool (PTT).

IMPORTANT NOTE

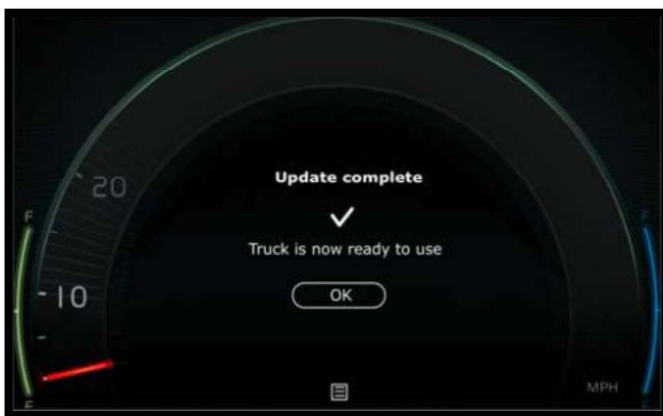
Once the accessory kit has been successfully installed, the auto high beam icon will no longer show nor illuminate on the dash. The option to turn on the auto high beam will be removed from the menu.

OTA Programming (Preferred)

1. Make sure the truck is outside, park on a level surface, key on engine off, battery sufficiently charged, and parking brake set.
2. Software available should appear in the instrument display.
3. Select to proceed.



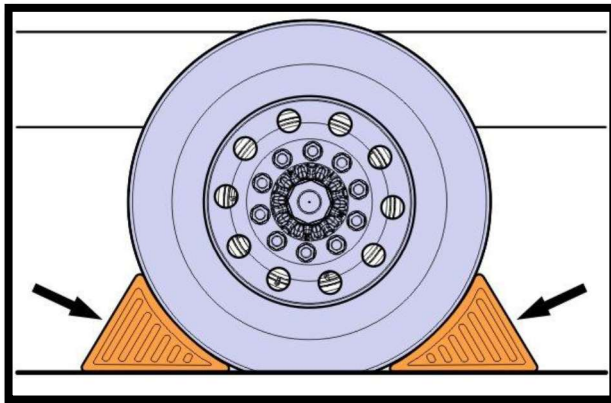
4. Software will start updating.
5. Once the software is updated, select ok.



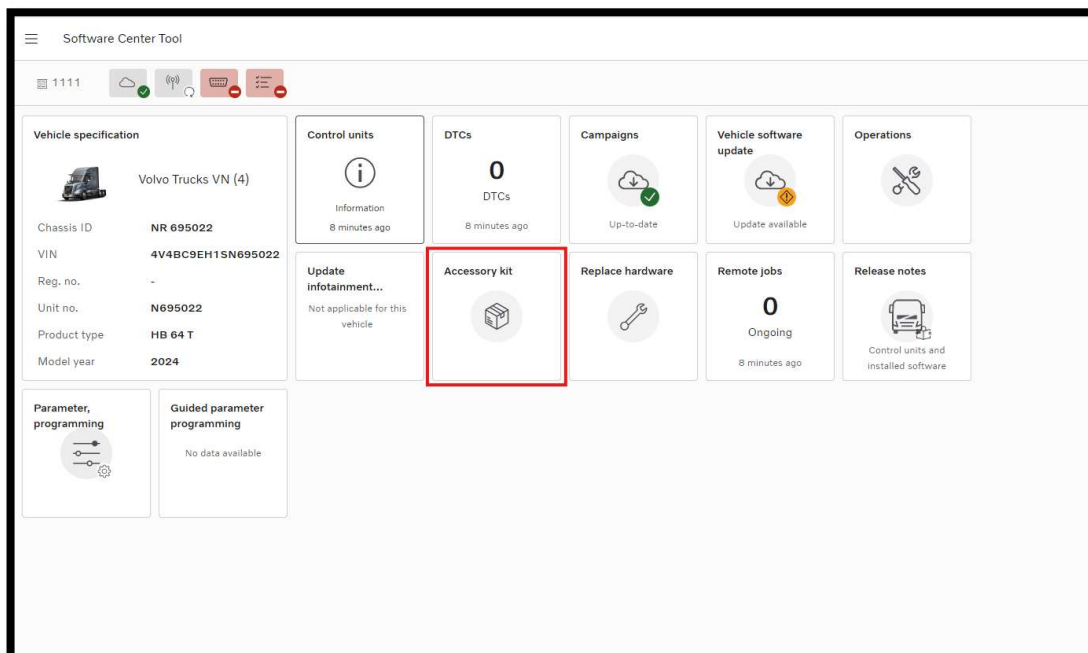
6. Return the truck back to service.

Workshop Toolbox (WSTB)

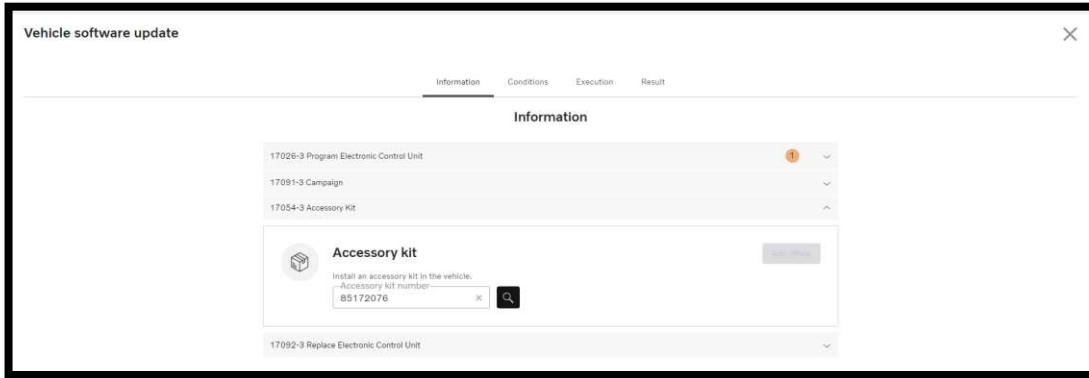
1. Park the vehicle on a level surface.
2. Apply the parking brake.
3. Place the gear lever in neutral.
4. Install wheel chocks.



5. Turn on the ignition.
6. Ensure the use of the approved Vocom II box, USB Cable, and 16 pin (Blue) Connector.
7. Log into workshop toolbox and connect to the vehicle. Ensure workshop toolbox is up to date with the latest version.
8. Once the vehicle has been identified, enter a work order number and select “start work”.
9. From the menu options, select the accessory kit widget.



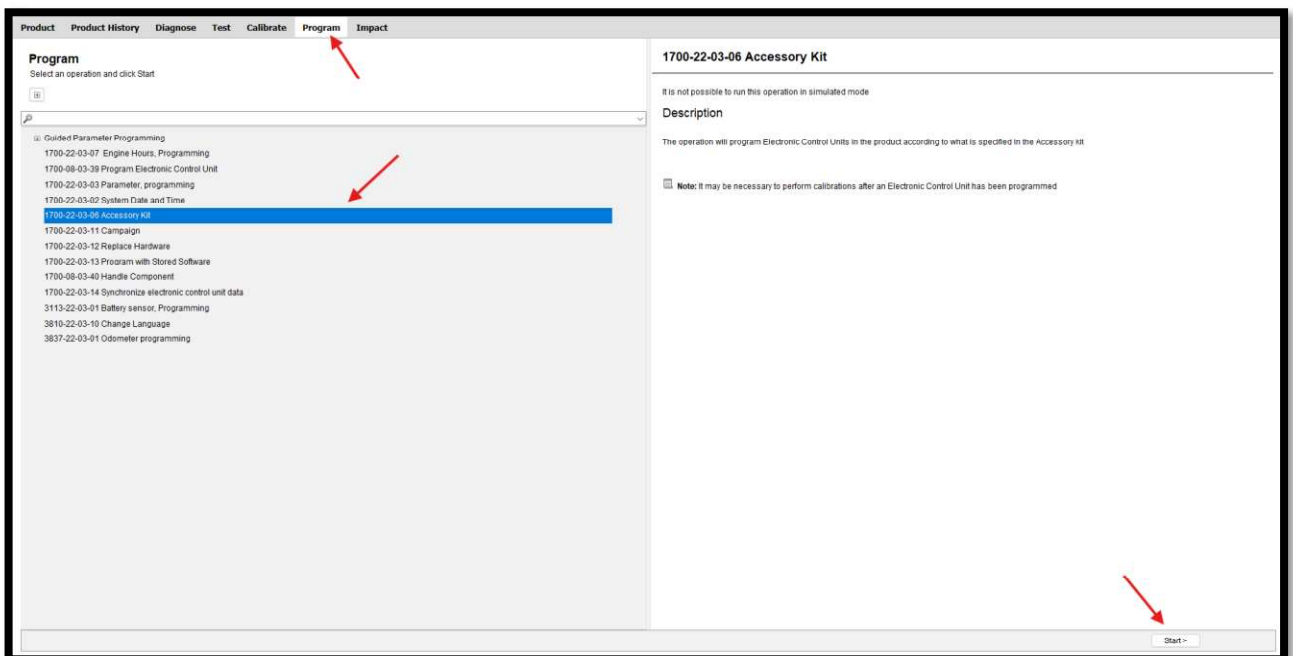
10. Enter accessory kit number **85172076** and hit search.



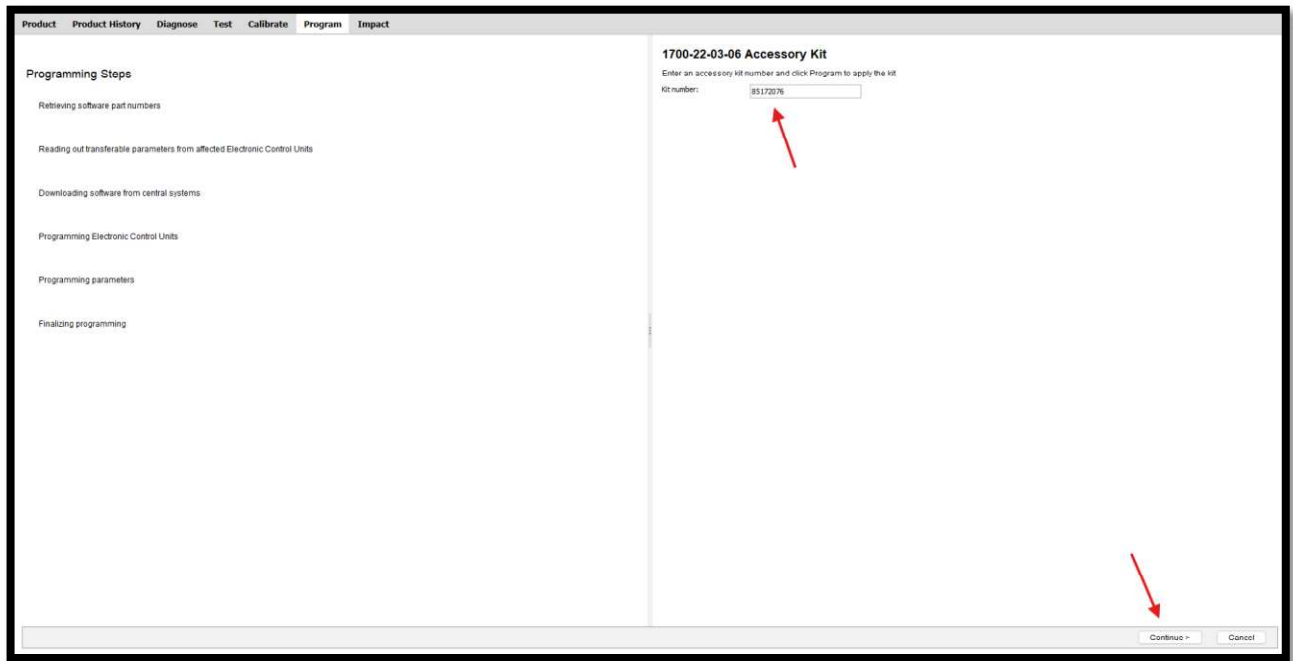
11. Start operation and allow truck to install accessory kit.
12. Return truck to service.

Premium Tech Tool (PTT)

1. Secure vehicle for service.
2. Apply parking brake.
3. Place the transmission in park or neutral.
4. Install wheel chocks.
5. Connect to the truck using the latest version of Premium Tech Tool (PTT).
6. Ensure the use of the approved Vocom II box, USB Cable, and 16 pin (Blue) Connector.
7. Once connection to the vehicle is established.
8. Navigate to the Programming Tab.
9. Run operation **1700-22-03-06 Accessory Kit**.



10. Enter accessory kit number **85172076** and select continue.



11. Clear any DTC's from the truck.
12. Finish work on the product page.
13. Disconnect PTT from the truck.
14. Remove wheel chocks.
15. Return the truck back to service.

REIMBURSEMENT

| | |
|--|-----------------------------|
| This repair is covered by an authorized Safety recall. Reimbursement is obtained through the normal claim handling process. | |
| | UCHP Reimbursement |
| Claim Type (used only when uploading from the Dealer Business System) | 40 |
| Recall Status | |
| Vehicle repaired per instructions | 1-Modified per instructions |
| Main Labor Code | |
| 1720-16-09-01 Campaign, General (0.1 X 3) | 0.3 |
| Causal Part | 23998406 |
| Authorization Number | C0513 |

Note: Dealers or the designated representatives are required to perform Safety Recall on all subject vehicles at no charge to the vehicle owner regardless of mileage, age of vehicle or ownership (original purchaser or subsequent purchasers). Whenever vehicles that are subject to a Safety Recall are brought to your dealership for service, it is strongly recommended that every effort be made to perform the recall correction before the vehicle is released to the owner.