

Engine Cooling Fan Override

Release: 2**Technician Skill Level:** B**Revision Note:** Updated accessory kit number.**Market:** North America**Service Category:** Service Department**Applicability:** Please refer to VDA+**Section:** Function Group 364**Description:**

Some VN(4) vehicles may have been built with an Engine Cooling Override switch that is non-functional.

Concern:

Customers and drivers cannot use the Engine Cooling Override function, but the switch is still present.

Action:

Use the instructions in this document to replace the Engine Cooling Override switch with a blank switch and install accessory kit PN: **85171965**.

Warranty Information

This repair is covered by an authorized Service Program. Reimbursement is obtained through the normal claim handling process.			
Claim Type (used only when uploading from the Dealer Bus. Sys.)			B
Labor Code		Description	Hours
Main Code	1720-16-09-01	Campaign, General	0.3
Causal Part		23702117	
SCC Authorization Code		S4663	
Expiration Date		November 30, 2026	

Parts Information

Order parts following the normal ordering process.

Part Number	Description	Quantity
23664626	Blank Flex Switch	1

Required Tools & Equipment

- Special Tool PN: **88800271** (If available)
- Premium Tech Tool (PTT) (Latest Version)

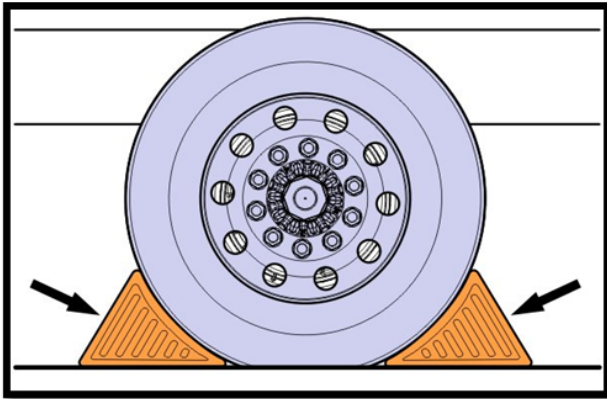
OR

- Workshop Toolbox (Latest Version)

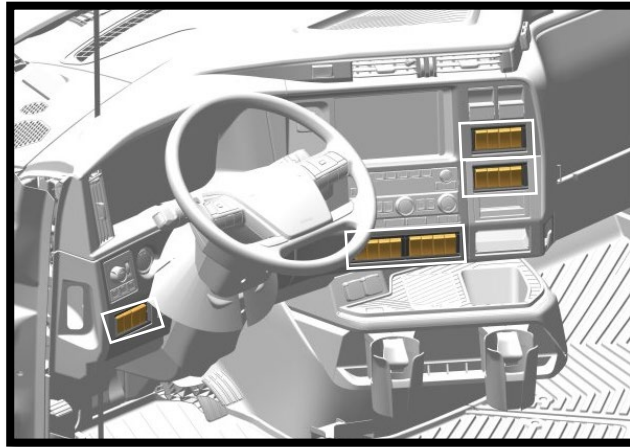
Engine Cooling Fan Override

Repair Procedure

1. Park the vehicle on level surface.
2. Apply parking brake.
3. Place the transmission in park or neutral.
4. Turn off ignition.
5. Install wheel chocks.

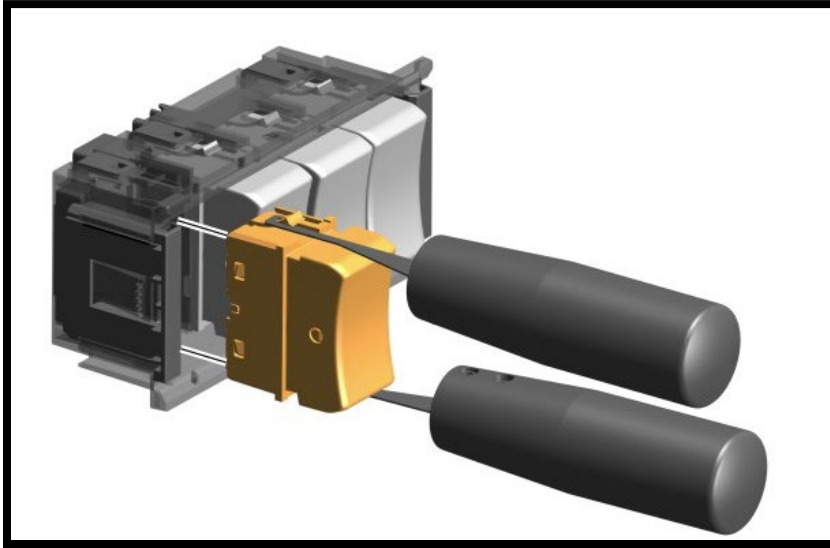


6. Identify the Engine Cooling Override switch in one of the switch locations on the dashboard. **Note: Switch location may vary.**

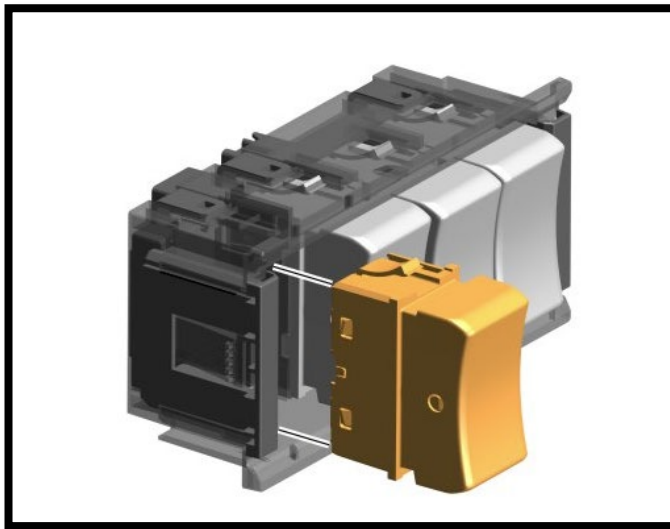
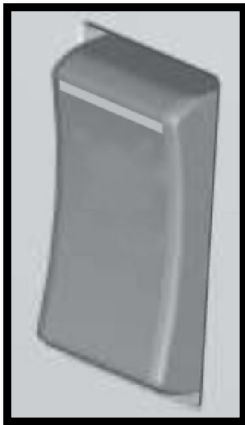


Engine Cooling Fan Override

7. Remove the Engine Cooling Override switch using the extractor tool (PN: **88800271**) or suitable method.



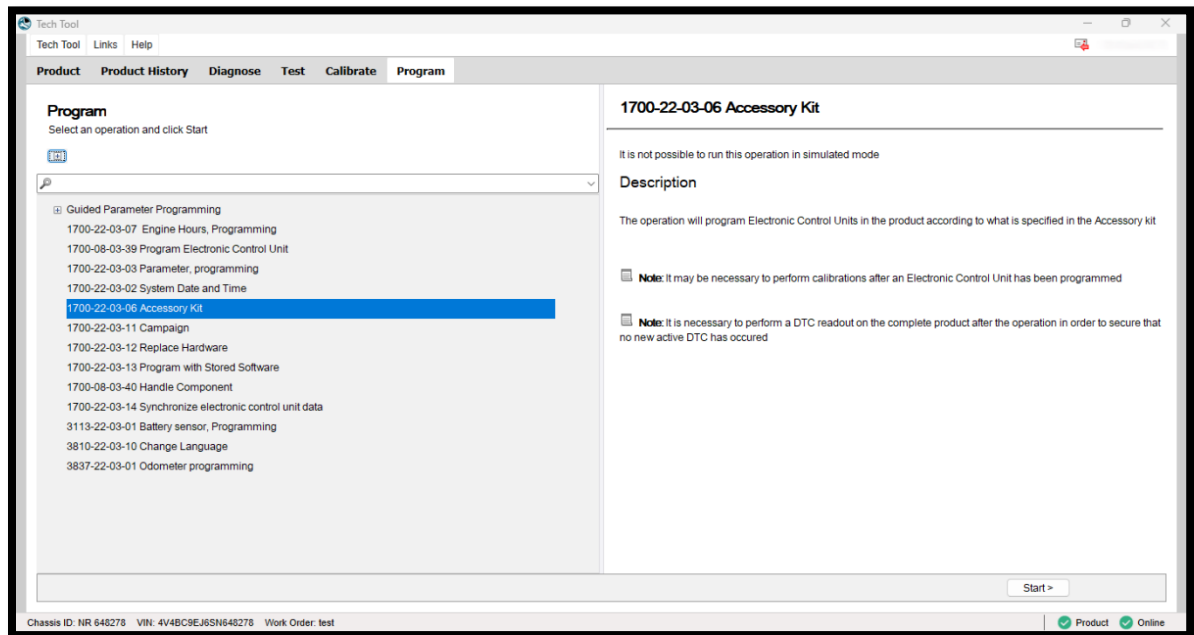
8. Install the Blank Flex Switch (PN: **23664626**) into the open cavity.



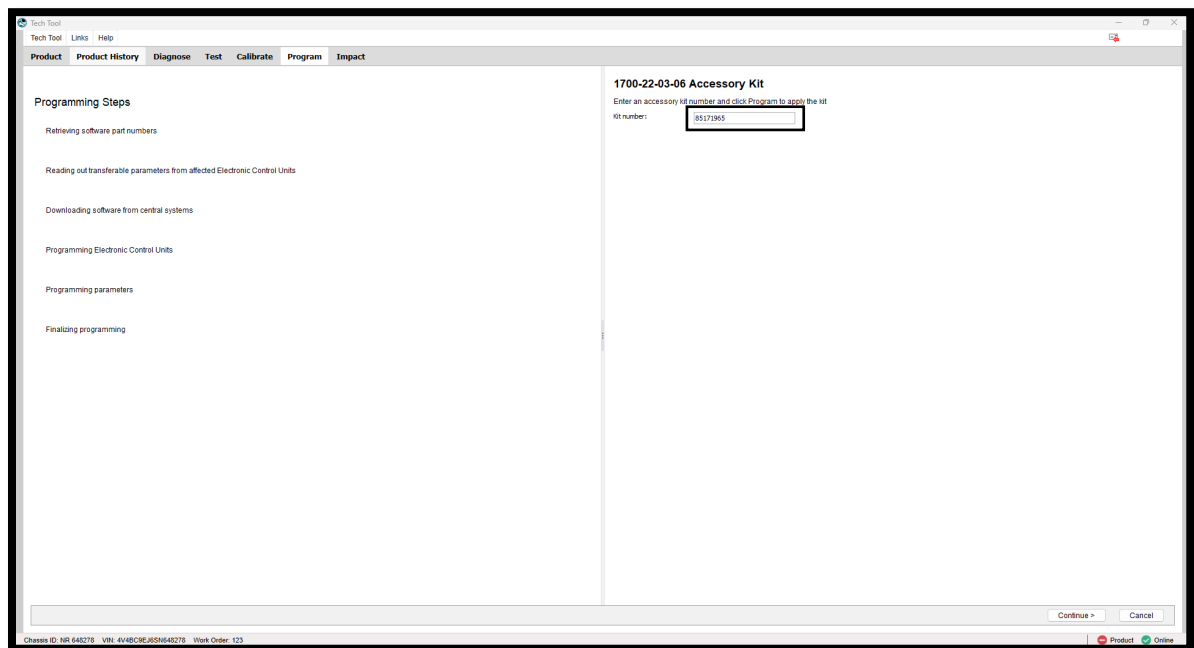
Engine Cooling Fan Override

Option 1: PTT Instructions

- Once truck is connected to PTT, navigate to the Program tab, then select operation **1700-22-03-06 Accessory Kit**.



- Enter accessory kit number **85171965** and select continue. Allow kit to be programmed.

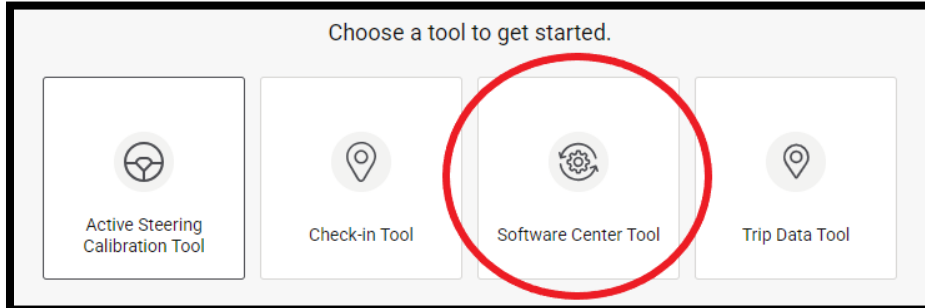


- Once programming is complete, clear any DTC's caused by the programming.

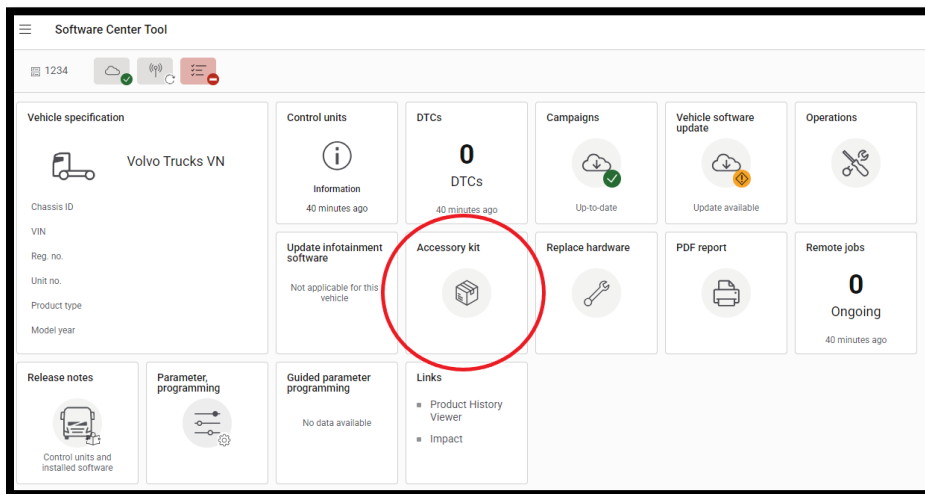
Engine Cooling Fan Override

Option 2: Workshop Toolbox Instructions

- Once the vehicle is connected to Workshop Toolbox, select the Software Center Tool.



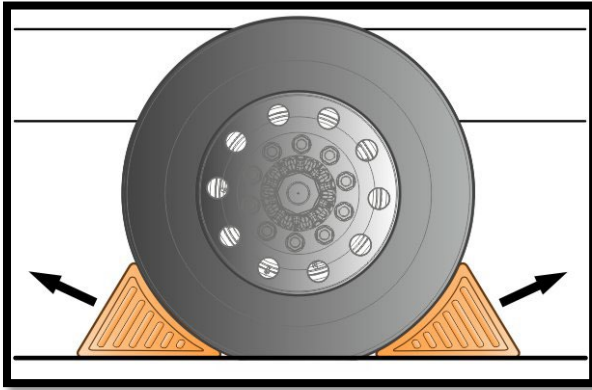
- Select Accessory Kit.



- Enter accessory kit number **85171965**.
- Install the accessory kit.
- Once programming is complete, clear any DTC's caused by the programming.

Engine Cooling Fan Override

9. Remove wheel chocks.



10. Return vehicle to service.