

NON-COMPLIANCE RECALL

Volvo Trucks North America

Greensboro, NC USA

VOLVO

Date	Number	Release	Page
09.2024	EC0033	03	1(6)

M0312 SCR Replacement, 13L TC Engine VN

RECALL INFORMATION

Revised 3/7/2025 Change to claiming information.

(September 2024)

Volvo Trucks has identified that the Selective Catalyst Reduction (SCR) system in certain vehicles equipped with the MY 2017 or 2018 13L Turbo Compound (TC) engine are not meeting California and EPA emissions standards, or Volvo cannot confirm its compliance. These vehicles have been flagged due to telematics data showing that the NOx conversion efficiency of the SCR system has dropped below 94% for eight weeks. Alternatively, these vehicles may have communication issues with telematics, such as not reporting or ceasing reporting for the same period.

To ensure Volvo remains emission compliant on these vehicles, follow the repair instructions outlined in this document to replace the Selective Catalyst Reduction (SCR) system with new one.

VEHICLES AFFECTED

Certain Volvo vehicles manufactured between March 7, 2017, and December 21, 2018.

VEHICLE QUANTITY

This Vin list will be dynamic, VIN's will be added to the VIN list in 8-week cycles based on monitoring from Recall M0307.

Parts Information

The SCR Muffler should be ordered VOR, all other parts should be ordered through normal process.

Part Number	Description	Quantity
23160668	SCR Muffler	1
23108406	Clamping band kit	1
21376801	Gasket	1
990413	Screw	3
21095726	Gasket	3
21095721	Gasket	1

Important Parts Note!

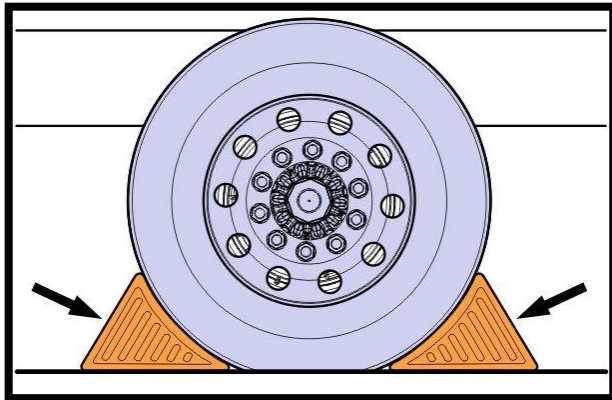
Please dispose of the SCR Muffler following the normal process.

Repair Instructions

Important Service Note!

Before replacing the SCR Muffler under this recall, you must verify that **M0307 Software Recall** has been completed. If **M0307 Software Recall** has not been completed, it must be done first.

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

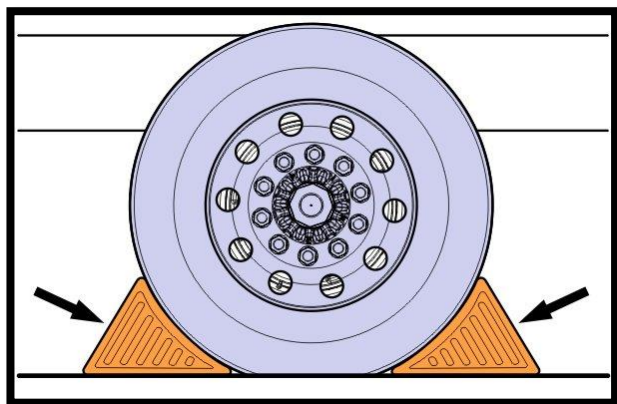


5. Follow Impact operation **2586-03-02-10 Muffler, Replacement (Combined DOC, DPf, SCR) Decontented** to replace the SCR with a new SCR muffler.

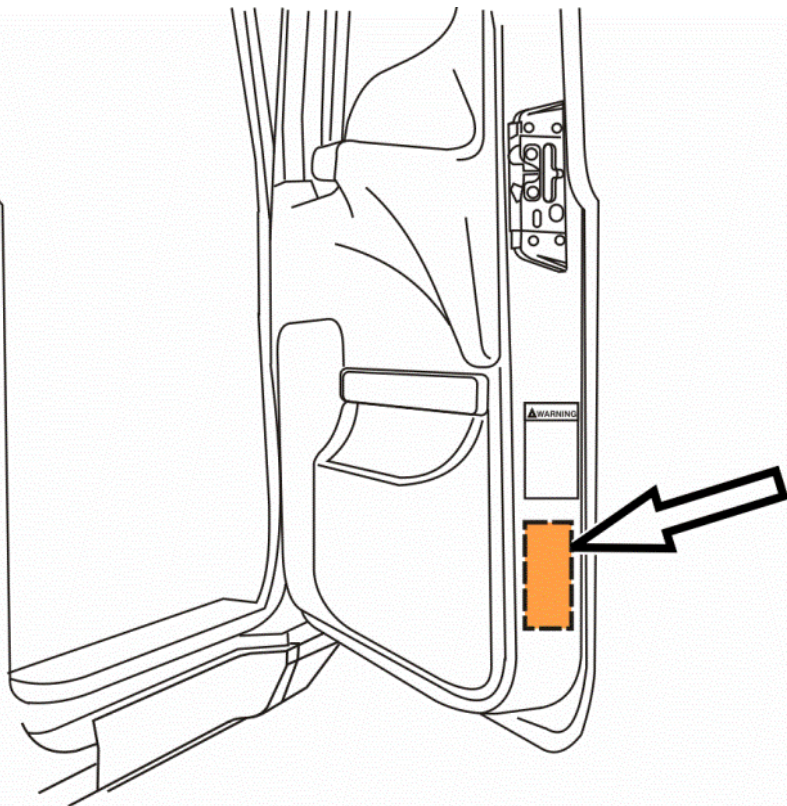
Important Note!

When encountering seized NOx sensors refer to the Reman Core Manual found on TDP. [Core Management](#)- click on the Reman Core Manual PDF.

6. Install and fill out the Campaign Completion Label if needed.
7. Remove the wheel chocks.



8. Release vehicle to customer.



If needed, print out this Emission Recall Proof of Correction Certificate. Fill in the appropriate information for your records and provide a copy to the customer.

Return this certificate to DMV only when required - otherwise retain for your records.

REIMBURSEMENT

This repair is covered by an authorized Non-Compliance 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
Labor code	
2586-03-02-10 Muffler, Replacement (Combined DOC, DPF, SCR) Decontented	Use Impact
1720-16-09-01 Campaign General, seized or broken bolt (1 X 0.1)	1.0 hrs. Max
Causal Part	21970118
Authorization Number	M0312

Note: Dealers are to perform Non-Compliance 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 are subject to a Non-Compliance Recall are brought to your dealership for service, or taken into your dealership vehicle inventory, it is strongly recommended that every effort be made to perform the recall correction before the vehicle is sold or released to the owner.