

Unpainted TC Engines

Service Category Service

Section Function Group 210

Technician Skill Level A

Market North America

Applicability

VOLVO

Years	Models
2024	VN

Introduction

Volvo has received reports of certain VN chassis vehicles built with unpainted TC engines. This could potentially allow unwanted rust on engine components. Follow the instructions below to complete a 7/8ths engine replacement with a new painted engine.

Production Change Information

This bulletin applies to vehicles built within the specified production changes below.

Brand	Engine	Emission Level	Starting Build Date	Ending Build Date
Volvo	D13	EM-USA21	31-October-2023	17-November-2023

Warranty Information

Important
For any additional fluids or miscellaneous items, claim in "other costs" in UCHP.

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
Main Labor Code	Description	Hours
2102-03-02-05	Seven Eighths Engine, Replacement	18.1
Causal Part	24680431	
SCC Authorization Code	S3892	
Expiration Date	March 31, 2025	

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Parts Information

Important
The replacement engine that you receive will be 7/8ths complete. This will require parts to be swapped from current engine to replacement engine. The removed engine can be returned using the normal core process. The return engine must be in the same condition and shipping arrangement in which the replacement engine was received. Volvo will cover freight shipping for both new and returned engines.

Part Numbers	Part Names	Quantity
24680431	7/8 Complete Engine	1

WARNING!!!!
The fuel filter housing and engine harness has changed with this engine. IF you choose to keep this new style filter, the P/N moving forward for the primary filter will be 24633960 and the secondary filter will be 24137737.
IF you want to revert back to the old-style filter housing, you will need to swap over the fuel filter housing and engine harness from the old engine to the replacement engine before installation. This additional labor WILL NOT be covered under this campaign.

Required Tools & Equipment

- N/A

Calibration Information

- N/A

Repair Procedure

1. Secure truck for service.
2. Follow 2102-03-02-05 Impact procedure for seven eighths engine replacement.
3. Return vehicle to service.