

Turbocharger Mounting Hardware Replacement

Service Category Service Department

Section Function Group 255

Technician Skill Level A

Market North America

Applicability

Volvo

Model Years	Models
2023-2024	VAH, VHD, VN

Introduction

Volvo trucks has determined that certain VAH, VHD, and VN model trucks built with a D13 engine could experience a reduced clamping load on the turbocharger mounting hardware causing the hardware to become loose. On affected vehicles follow the instructions below to remove the turbocharger and replace the mounting hardware and mounting gasket with new parts.

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	27-September-2022	16-November-2023

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
Main Labor Code	Description	Hours
2551-03-03-01	Turbocharger, replacement	1.5
Causal Part	85137676	
SCC Authorization Code	S3903	
Expiration Date	March 31, 2025	

Turbocharger Mounting Hardware Replacement

Parts Information

Part Numbers	Part Names	Quantity
85137676	Installation kit	1

Calibration Information

N/A

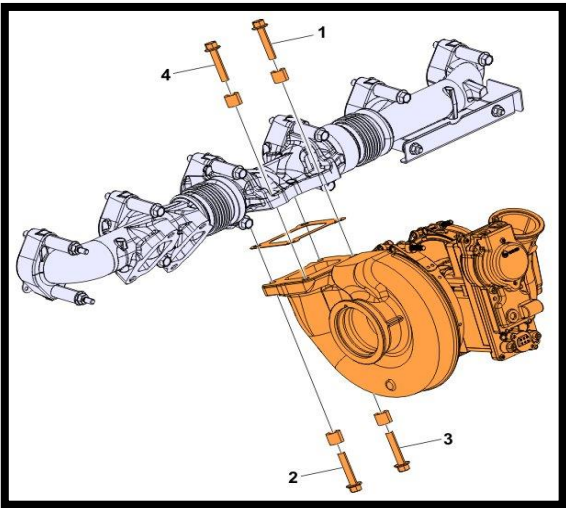
Repair Procedure

- Secure the vehicle for service.
- Use operation **(2551-03-03-01 Turbo, Replacement)** in Impact to remove the turbocharger and replace the mounting gasket and hardware with new parts.

Important Repair Instructions

Turbocharger Mounting Hardware must be torqued following the sequence shown below.

Tightening torque		
Turbocharger, nut	1.	Tightening sequence: 1-4
		20 ±4 Nm (15 ±3 lb _r ·ft)
	2.	Tightening sequence: 1-4
		48 ±8 Nm (35 ±6 lb _r ·ft)



- Release the vehicle to service.