

Transmission Bolt Replacement

Service Category Service

Section Function Group 431

Technician Skill Level A

Market North America

Applicability

VOLVO

Years	Models
2020-2022	VN

Introduction

Volvo has received reports of certain VN chassis, with Allison transmissions, containing possible incorrect transmission mounting hardware. This hardware inconsistency could cause lack of force needed to retain the transmission to the engine. This campaign will require removing the bell housing flange screws one at a time and replacing the flange screws.

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	CU9	EM-USA17	24-September-2019	15-July-2022

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
9000-06-09-01	Miscellaneous, Inspection	1.0
Causal Part	22936956	
SCC Authorization Code	S7666	
Expiration Date	November 30, 2023	

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Parts Information

Part Numbers	Part Names	Quantity
984754	Flange Screw (M10X35)	12

Important Part Note

All parts are on mandatory return to TMAC. Tag all parts with the following. Include the VIN, mileage, hours, repair date, and the recorded breakaway torque of all 12 bellhousing flange screws.

Required Tools & Equipment

- None

Calibration Information

- None

Repair Procedure

1. Secure truck for service.
2. Properly support transmission during procedure.
3. Remove **one** bell housing flange screw and spacer making sure to record the breakaway torque.
4. Inspect the flange screw for damage.
5. Inspect the flywheel housing threads for any damage.
6. If damage is found to the flywheel housing **STOP THE REPAIR!** and contact E-service.
7. Install a new flange screw part number 984754 without the spacer, torque to 51-61Nm (38-45lbf-ft).
8. Continue above procedure (one at a time) on the remaining 11 bell housing flange screws.
9. Once all bell housing flange screws have been replaced and torqued, the truck is ready to be released for service.