

Turbocharger Mounting Hardware Replacement

Service Category Service Department

Section Function Group 255

Technician Skill Level A

Market North America

Applicability

Mack

Model Years	Models
2023-2024	AN, GR, PI, TE

Introduction

Mack trucks has determined that certain AN, GR, PI, and TE model trucks built with a MP8 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
Mack	MP8	EM-EC01, EM-USA21	29-September-2022	28-July-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	S3904	
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

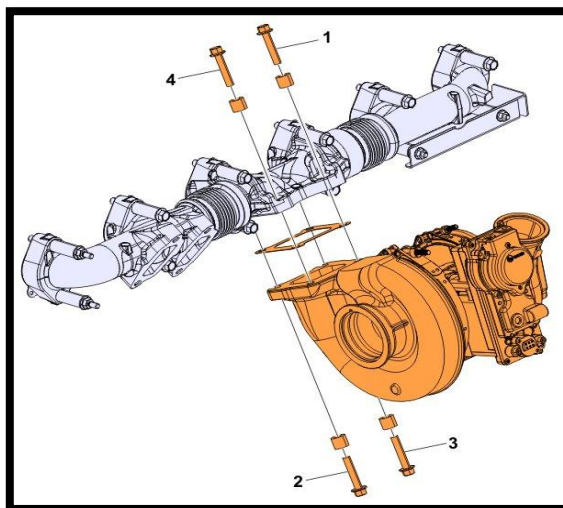
1. Secure the vehicle for service.
2. Use operation **(2551-03-03-01 Turbo, Replacement)** in Impact to remove the turbocharger and replace the mounting gasket and hardware with new parts.

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)



3. Release vehicle to service.