



Atlantic Waste-Axle Overheating

Service Category Service Department

Section Function Group 465

Technician Skill Level C

Market North America

Applicability

Mack

Model Years	Models
2021-2024	PI

Introduction

Mack trucks has determined that certain model year 2021-2024 PI models built with 4.19 rear axle ratios could experience elevated axle oil temps under high road speeds. To correct this issue the 4.19 ratio carriers need to be swapped to 3.79 ratio carriers. Follow the instructions below to replace both carriers with new ones. This Fleet Improvement is for parts only, the Customer will be responsible for the labor cost.

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-USA21	04-January-2021	19-May-2023

Warranty Information

This repair may be eligible for reimbursement if a product failure was experienced with in time and mileage limits of the applicable Warranty coverage. Reimbursement is obtained via the normal claim handling process.	
Claim Type (used only when uploading from the Dealer Bus. Sys.)	B
Causal Part	21946835
SCC Authorization Code	S3883
Expiration Date	February 28, 2025

Claiming Note:

The dealer will be allowed to claim 10% markup on all parts. The customer will be responsible for the labor cost.

Parts Information

Part Numbers	Part Names	Quantity
85023047	Front Rear Carrier, Reman	1
85022925	Rear Rear Carrier, Reman	1
3199066	Seal	4
25108928	Hardware	2
240169	Sealant	1
P/6 Syn 75x-90 P	Gear Oil	2

Required Tools & Equipment

N/A

Repair Procedure

1. Follow operation **4651-03-02-03 Differential Carrier, First Axle, Replacement** in Impact to replace the Front Rear Carrier.
2. Follow operation **4651-03-02-04 Differential Carrier, Second Axle, Replacement** in Impact to replace the Front Rear Carrier.