



LVO LR Power Steering Assist Cylinder Castle Nut Torque

Service Category Service Department

Section Function Group 642

Technician Skill Level C

Market North America

Applicability

Mack

Model Years	Models
2024	LR

Introduction

Mack trucks has determined that certain model year 2024 Mack LR vehicles may have insufficient torque on the Power Steering Assist Cylinder Castle Nut. Please follow the instructions below to inspect the castle nut, re-torque, and install new cotter pin.

Production Change Information

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

Brand	Engine	Emission Level	Starting Build Date	Ending Build Date
Mack	D11/CU9	EM-USA21	28-August-2023	19-September-2024

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
1720-16-09-01	Campaign, General (.1) x3	0.3
Causal Part	25092079	
SCC Authorization Code	S3815	
Expiration Date	January 31, 2025	

Parts Information

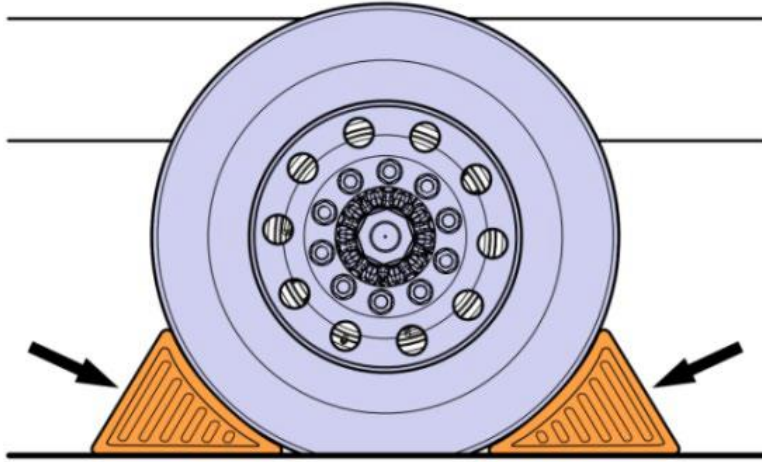
Part Numbers	Part Names	Quantity
25092079	Cotter Pin	1
*	Castle Nut	As needed

Required Tools & Equipment

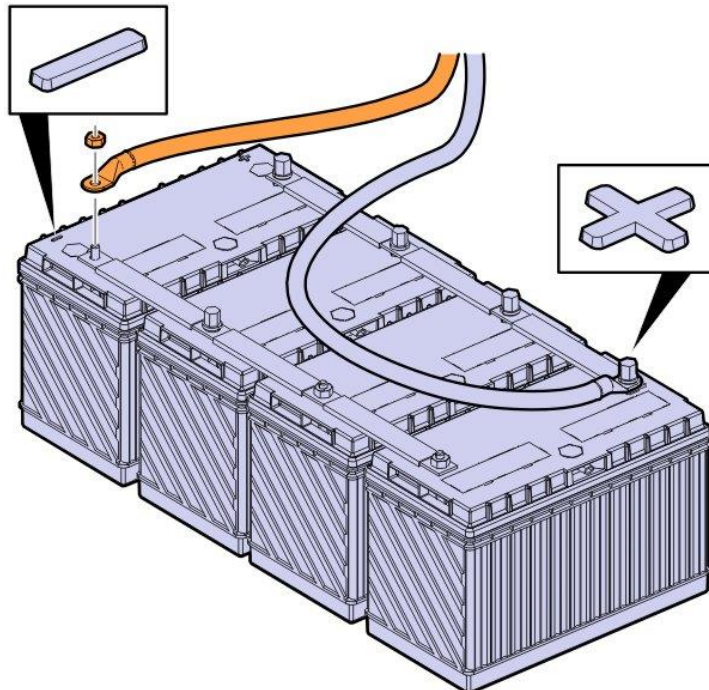
N/A

Repair Procedure

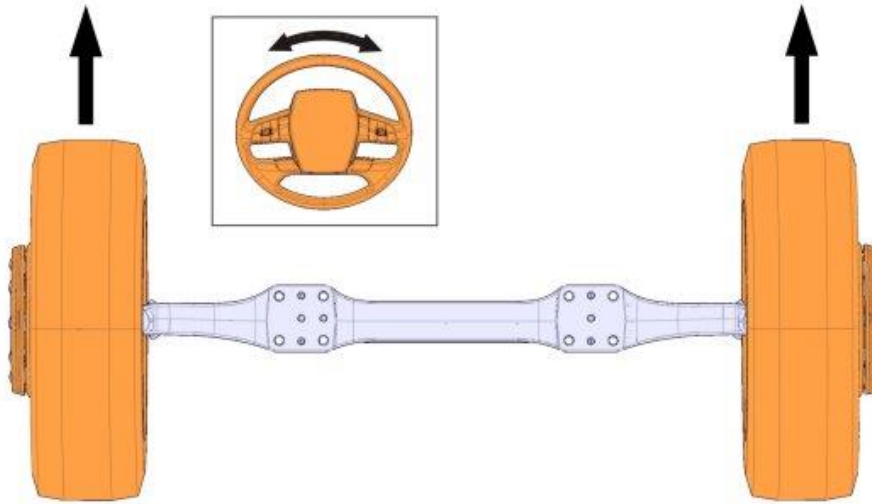
1. Secure vehicle for service by parking on a flat and level surface.
2. Apply parking brake.
3. Place the transmission in neutral or park.
4. Install the wheel chocks.



5. Disconnect the battery from the negative terminal.



- Turn the steering wheel so that the wheels point straight ahead.



- Locate the castle nut on the power steering assist cylinder connected to the steering arm on the right side of the vehicle.



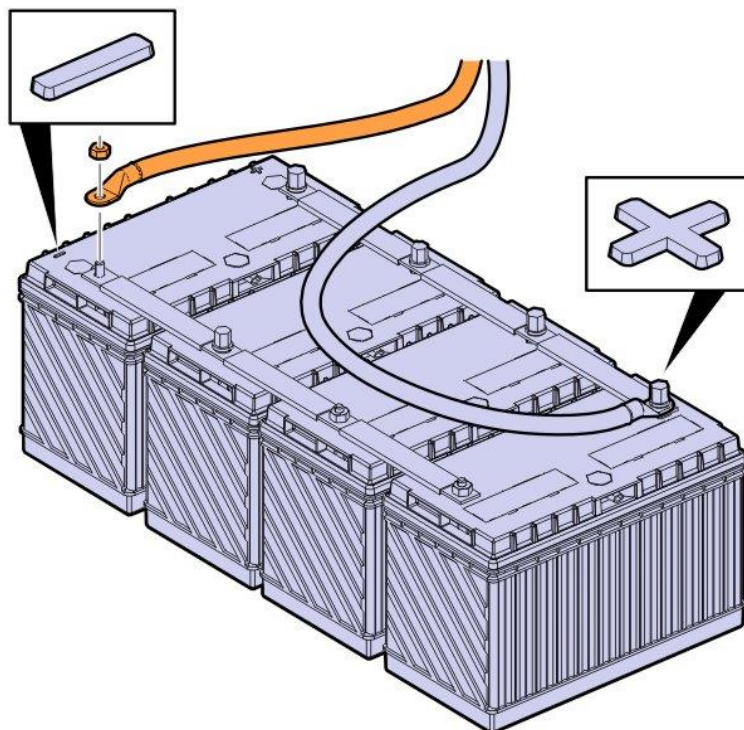
- Torque tighten the castle nut to specified torque.

Tightening Torque
238-264 Nm (176-195 lb-ft)

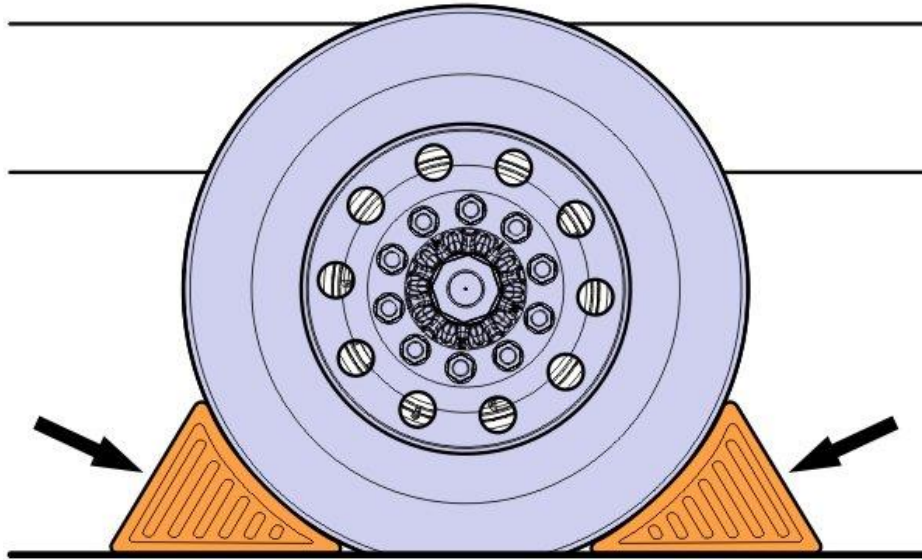
9. Install the new cotter pin.



10. Connect the cable to the negative terminal.



11. Remove the wheel chocks.



12. Return vehicle to service.