

# SAFETY RECALL

Mack Trucks Inc.  
Greensboro, NC USA



Date	Number	Release	Page
10.2023	SC0451	01	1(6)

## LR Power Steering Assist Cylinder Castle Nut Torque LR

### RECALL INFORMATION

(October 2023)

Mack Trucks has determined that a defect that relates to motor vehicle safety exists in certain 2024 LR model vehicles manufactured from August 25<sup>th</sup>, 2023, through September 19<sup>th</sup>, 2023.

The castellated nut on the power steering assist cylinder to steering arm may have insufficient torque. If the power steering assist cylinder to steering arm connection should fail in operation, there could be a loss of vehicle control which could result in a crash.

Mack Trucks has not received any field reports, warranty claims, or customer complaints associated with this safety issue; therefore, Mack considers this a proactive measure to protect the public and Mack's customers from the potential risk associated with this defect.

To ensure that these vehicles meet Mack's rigorous quality requirements, follow the instructions outlined below to inspect the castle nut, re-torque, and install new cotter pin.

### VEHICLES AFFECTED

Certain Macks manufactured between August 25<sup>th</sup>, 2023, and September 19<sup>th</sup>, 2023.

### VEHICLE QUANTITY

There are 52 vehicles affected by this recall. (47 U.S., 5 CAN.)

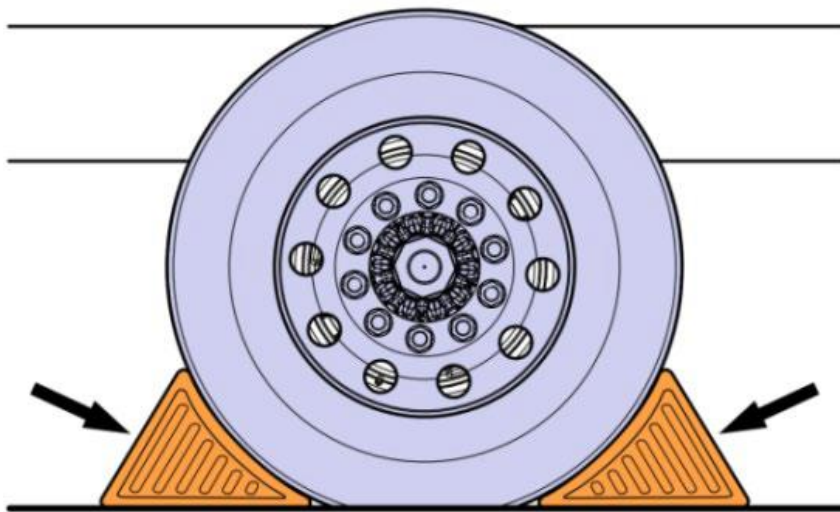
**Parts**

Order parts through normal process as needed.

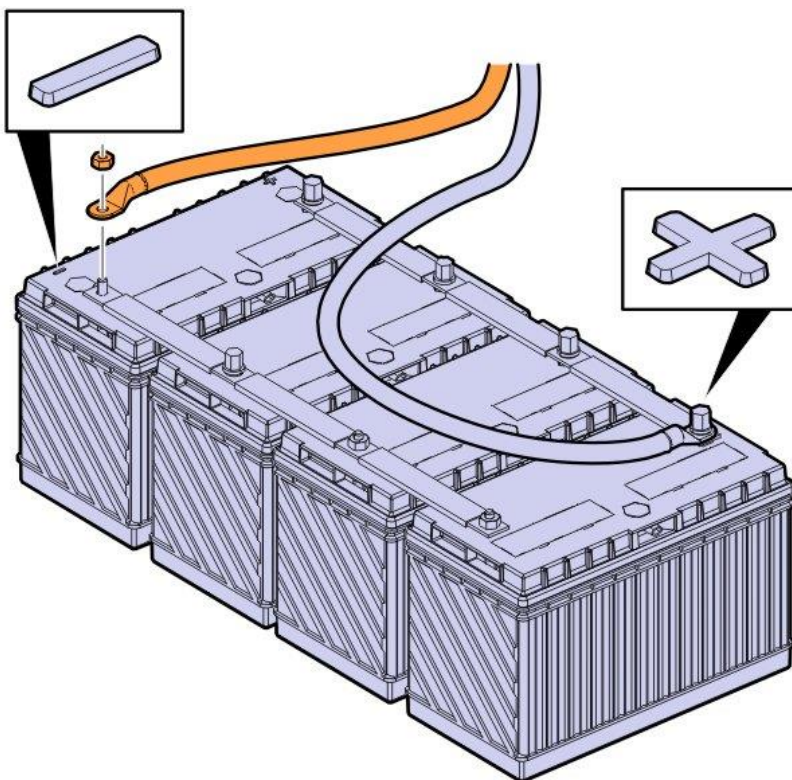
Part Number	Part Description	Quantity
25092079	Cotter Pin	1
*	Castle Nut	As Needed

**Repair Instructions**

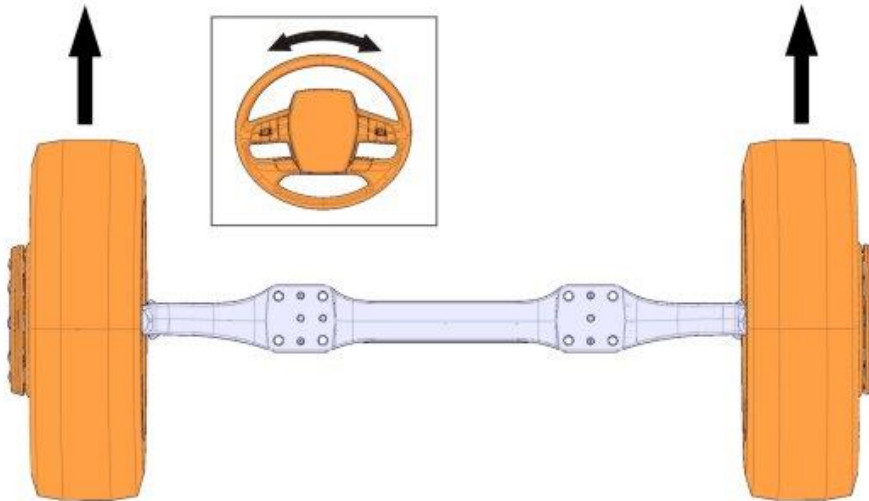
1. Secure vehicle for service by parking on a flat and level surface.
2. Apply parking brake.
3. Place the transmission in neutral or park.
4. Install the wheel chocks.



5. Disconnect the battery from the negative terminal.



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



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



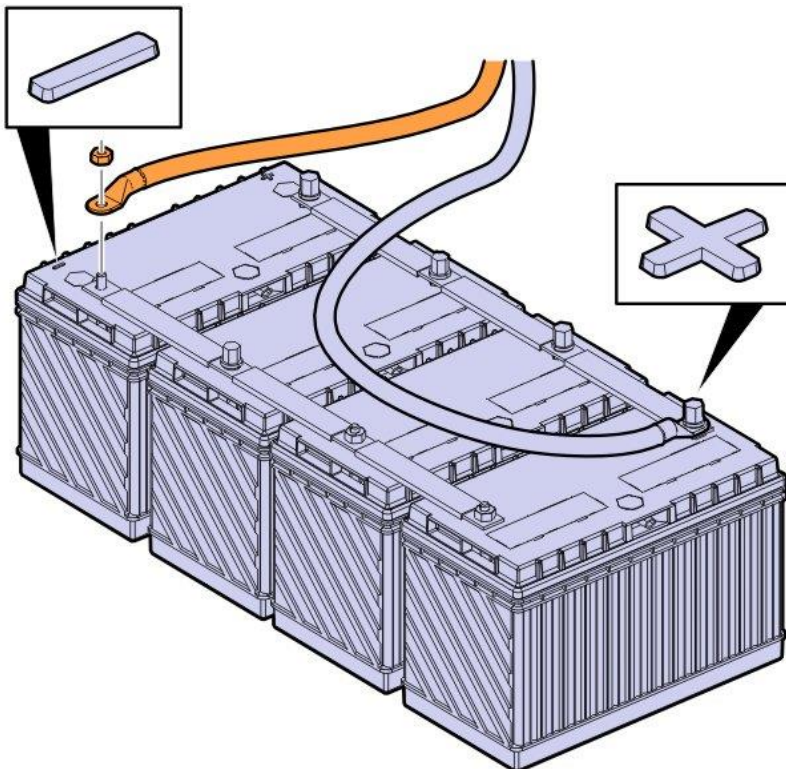
8. Torque tighten the castle nut to specified torque.

<b>Tightening Torque</b>
<b>238-264 Nm (176-195 lb-ft)</b>

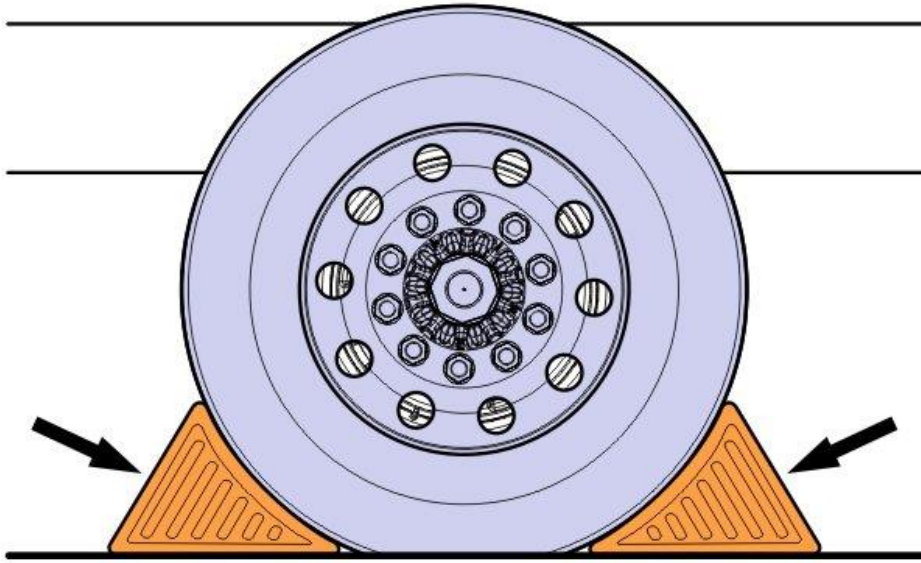
9. Install the new cotter pin.



10. Connect the cable to the negative terminal.



11. Remove the wheel chocks.



12. Return vehicle to service.

**REIMBURSEMENT**

This repair is covered by an authorized Safety Recall. Reimbursement is obtained through the normal claim handling process.	
	<b>UCHP Reimbursement</b>
<b>Claim Type</b> (used only when uploading from the Dealer Business System)	40
<b>Recall Status</b>	
Vehicle repaired per instructions	1-Modified per instructions
<b>Labor Codes</b>	
Primary Labor Code: <b>7420-16-09-01</b> Campaign, General X 3	SRT (0.1 x 3) <b>.3 hrs.</b>
<b>Causal Part</b>	25092079
<b>Authorization Number</b>	C0322

**Note:** Towing or technician travel may be needed for this repair. Please contact your DSM for details.

**Note:** Dealers are to perform Safety Recalls on all subject vehicles at no charge to the vehicle owner regardless of mileage, age of vehicle or ownership (original purchaser or subsequent purchasers). Whenever vehicles are subject to a Safety Recall are brought to your dealership for service, it is strongly recommended that every effort be made to perform the recall correction before the vehicle is released to the owner.