

# Preview Solution CBR-2440-3

## Mack Chassis - Model LR - Linear Assist Cylinder Repair

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### Valid For

Mack Model LR

Trucks built July 2023 to November 19, 2024

### Issue:

- Linear assist cylinder unthreads or becomes separated.

### Action:

- If no/minimal damage is present, the assist cylinder shaft can be screwed back into the adjuster.

### Procedure:

#### 1. Inspect the assist cylinder for damage:

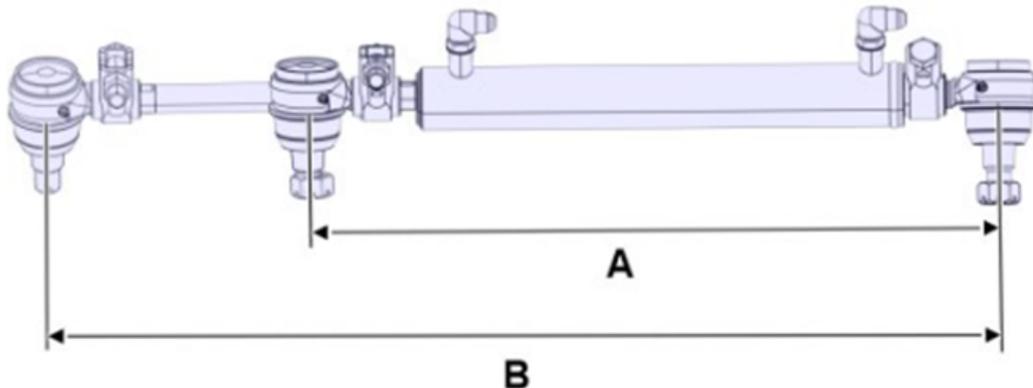
- Examine the unthreaded/separated areas for any signs of significant damage.
- If damage is minimal, proceed to the next step. If not, follow the relevant repair or replacement procedure.

#### 2. Reattach the adjuster:

- Carefully screw the assist cylinder shaft back into the adjuster. Ensure it is securely fastened.

#### 3. Set the length:

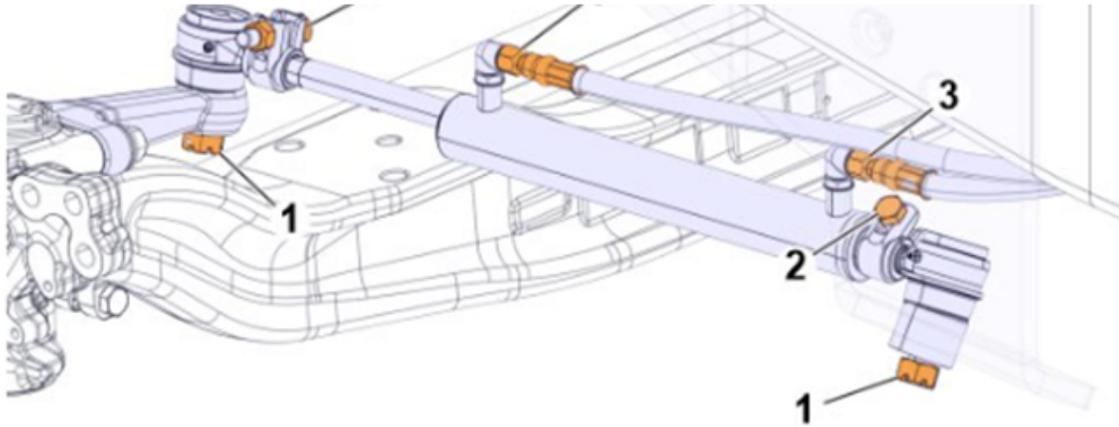
- Adjust the assist cylinder to the required length.



A	Compressed Length	24.88 ± 0.06 inches (632mm ± 1.6)
B	Extended Length	38.62 ± 0.06 inches (981mm ± 1.6)

#### 4. Retorque hardware:

- Follow the retorquing procedures outlined in the Impact instructions to ensure all hardware is tightened to the correct specifications.



1	Ball Joint, Nut	340 ± 20 NM (25
2	Ball Joint, Clamp, Nut	68 - 81 NM (50
3	Steering, High Pressure Pipe, Nut	60 ± 3 NM (44

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