

 Preview Solution CBR-2548-1

Shock Interference With "Z" Springs

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Valid For

Mack Chassis - PR (4)

Volvo Chassis - VN (4)

Model Year - 2025 to current

Affected Vehicles

- Mack model PR (4) equipped with **Maxlite suspension**
- Volvo model VN (4) equipped with **VOAS**
- Rear drive axle configuration with **"Z" springs**

Condition

Some vehicles may experience **shock absorber interference with the "Z" springs** on the rear drive axle.



Cause

The existing shock mounting bracket may allow insufficient clearance between the shock absorber and the "Z" spring, resulting in contact or interference during suspension movement.

Correction

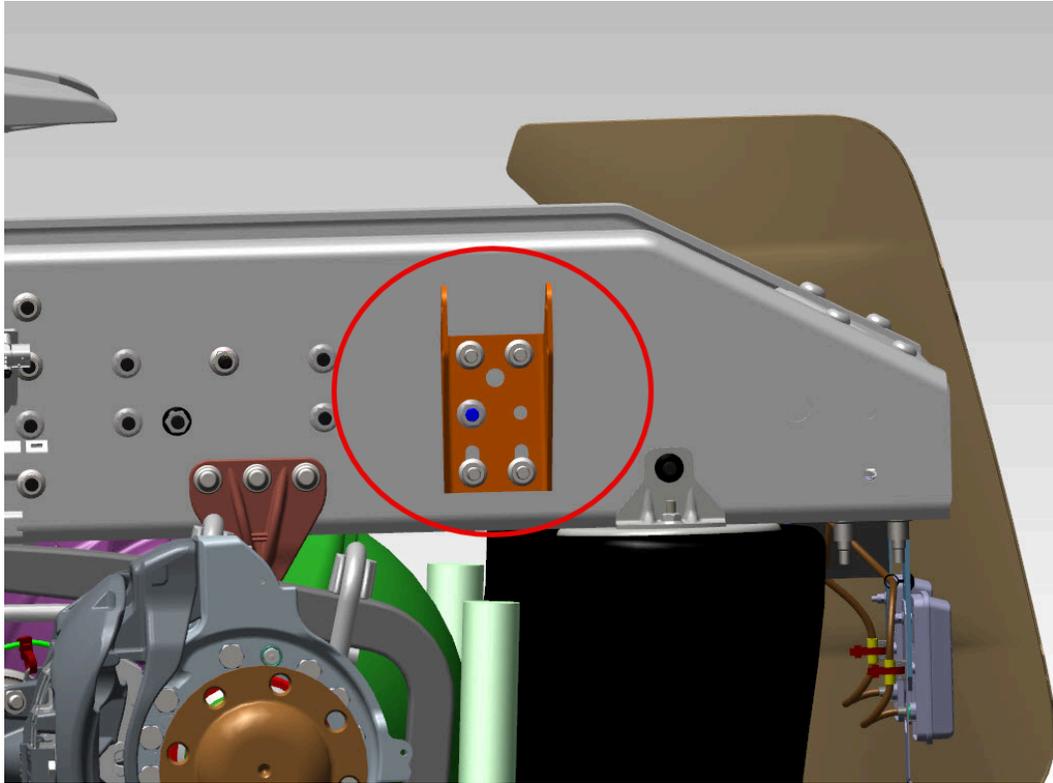
Replace the current shock bracket with the **legacy shock bracket** to give sufficient clearance between the shock absorber and the "Z" spring.

Parts Required

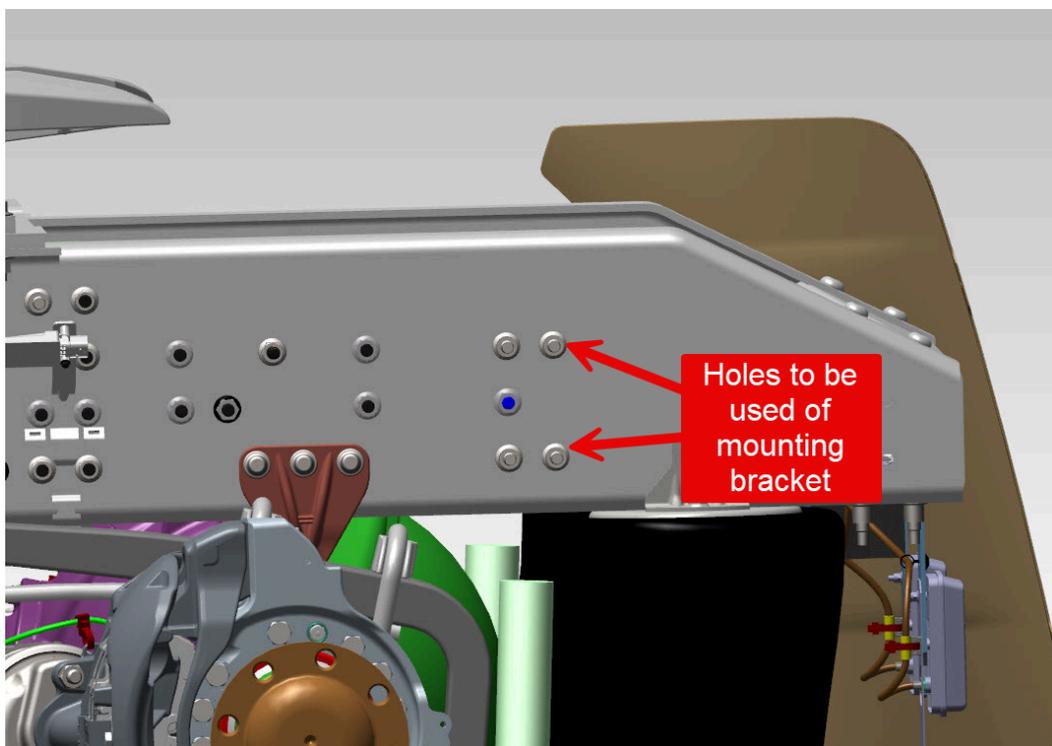
Description	Part Number	Quantity
Shock Bracket	23600734	2
Huck Bolt		8

Service Procedure

1. Remove the existing shock bracket from the rear drive axle.



2. Install the legacy shock bracket (PN: 23600734) using **two of the four existing mounting holes**.
3. Position the legacy shock bracket in the **two rearmost mounting holes**.
4. **Fill the remaining two unused holes** on each side with huck bolts.



5. Ensure the installed huck bolts **do not interfere with the shock bracket.**
 - If required, **orient the huck bolts inward** to prevent interference.
6. Install shock absorber in the lower mounting hole.
7. Verify proper clearance between the shock absorber and the “Z” spring through full suspension travel

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