

16-044 – Height Control Valve Rod Replacement

5/31/2024

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16-044

Height Control Valve Rod Replacement

Subject

Height Control Valve Rod Replacement

Whats New Abstract

Fix As Fail

The height control valve (HCV) rod on vehicles with low air leaf suspensions is prone to toggling over center during rough road conditions. With full suspension articulation, HCV bracket flexes and toggles over center the HCV linkage, which results in either deflated airbags or makes them unable to inflate.

Condition

Rough road conditions cause HCV bracket to flex and toggle over center in opposite direction of linkage joint where HCV rod connects to lever arm. This results in either deflated airbags or makes them unable to inflate.

Chassis Affected

Various Peterbilt models built 1/23/2018 through 1/23/2023 with part number 320154BRK – Linkage-Low Air Leaf Kit installed.

Action

Fix-As-Fail

If vehicle Height Control Valve (HCV) toggles over center due to rough road conditions, replace HCV rod with new, longer HCV rod.

Warranty

Through Standard Warranty or any applicable active Extended Warranty, Peterbilt will pay for parts at dealer net plus applicable mark-up and labor:

- **0.1** hours to replace height control valve rod in accordance with 16-044 repair procedures. Use Recommended Repair **16044**.
- For supplemental claims file a long form. Enter campaign number **16-044** in the “Campaign Code” field

manually.

- Cross-division repairs are not allowed for this campaign.

Take-Off Parts Disposition: Destroy take-off parts 30 days after claim is paid.

PRWS CLAIM CODING			
Campaign Code	16-044	Campaign Type	Field Repair
Claim Category	Truck	Repair Type	Fix-As-Fail
Customer Concern Code	029	Causal Code	30
Corrective Action Code	03	Responsibility Code	FIXASFAIL
Failure Location	016-008-024	Causal Part	320154BRK
Supplier Code	N/A	SRT Code	B24-22A 0.1 hours Height Control Valve Rod Replacement Procedure

Parts

Parts are available from PACCAR Parts.

Quantity	Part Number	Description
1	G74-6006-1559	Kit Link Height Control Valve

Procedure

Please follow your dealership's safety procedures and precautions to ensure the vehicle can be safely repaired and maintained.

See attached procedure document for replacement procedures.

Attachments

[16-044 - Height Control Valve Rod Procedure.pdf](#)