



Volvo Chassis - SNV16-029 Barksdale - Suspension Height Level Control Valve



> Internal Content

For more information on the SNV16-029 Barksdale - Suspension Height Level Control Valve found in the Trucks Dealer Portal under the Service Tab - News and Info. click [here](#).



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- k45506594
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To: U.S. and Canada Volvo General Managers
U.S. and Canada Volvo Service Managers
U.S. and Canada Volvo Warranty Managers
U.S. and Canada Volvo Service Technicians

Bulletin: SNV16-029
Date: August 23, 2016
Valid to: Until Further Notice
Replaces: N/A
Action Required? **Yes**

From: Greg Holderfield – Director, Product Reliability

Subject: Barksdale - Suspension Height Level Control Valve

Reports have been received of misdiagnosed air leaks from the Barksdale suspension height level control valve after the vehicle has been shut off and parked. It has been noted that air can continue to be released through the exhaust port of the valve for up to 10 minutes; this is considered a normal function of the valve.

Below are the diagnostic steps to use when repairing the Barksdale suspension height level control valve.

On-Vehicle Leveling Valve Leakage Test Procedure

1. Park the vehicle on a level surface, wedge the tires and shut down the engine.
2. Ensure truck has air pressure of 80-120 psi.
3. Wait 10 minutes for the air suspension system to stabilize.

NOTE: Due to the design of this HCV, it may take 10 minutes to stop adjusting height once vehicle is parked on level surface. It is normal to hear air flowing from exhaust port of valve, or air flowing into air springs during this time.

4. Listen for audible air leakage. If audible air is detected after 10 minutes, proceed to Step5.
5. Check for leakage by using soap-and-water solution.
 - a. Spray soap-and-water solution on all fittings, airline tube connections and valve body.
 - b. If large bubbles form from any area of fittings near the valve body, re-tighten fittings and repeat soap-and-water test.
 - c. If large bubbles form from airline tube connections, re-cut tubing, re- insert into fittings and repeat soap-and-water test.

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6. If there are still bubbles present after Step 5, please return through the normal warranty process for further analysis. Please note that the presence of bubbles does not definitively indicate that a valve has failed.

