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**Document ID:** IK0400063

**Availability:** ISIS, FleetISIS, NotSIR

**Revision:** 11

**Major System:** BRAKES

**Created:** 8/21/2009

**Current Language:** English

**Last Modified:** 1/15/2019

**Other Languages:** [Portuguese](#)

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**Viewed:** 4450

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Coding Information

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**Title:** Brake pedal not returning and sticking slightly in the applied position

**Applies To:** All Models

**CHANGE LOG**

Please refer to the change log text box below for recent changes to this article:

01/15/2019 - Updated diagnostics to include Acoms verions updates  
 12/10/2018 - Updated article to included possible faults codes 24-4 and 24-6.  
 10/22/2018 - Updated troubleshooting steps  
 07/26/2018 - Released article for all models

**DESCRIPTION**

Brake lights staying on due to brake pedal not returning and binding.

**SYMPTOMS**

- Cruise control not working
- Brake lights staying on
- If conditions is present long enough, ABS fault setting (Bendix ABS only)

**Diagnostic Trouble Code(s) & Dashboard Indicator Light(s):**

Bendix Flash Code	SPN	FMI	Source Address	Description
24 4	1067	11	11	Primary and Secondary Circuit PS (PS1/PS2 Plausibility Error) Brake Demand
24 6	1067	7	11	PS Not Calibrated

**PARTS INFORMATION**

- M8 flat hardened flat washer (8.8 x 17 x 1.6mm) part number 934675R1.

**TROUBLESHOOTING**

Step	Action	Decision
1	<p><b>DIAGNOSTIC:</b> Check for faults in ABS controller.</p> <p>Are the fault codes 1067-11 (24-4) and or 1067-7 (24-6) active in the Bendix ABS controller?</p>	<p><b>Yes:</b> Please proceed to step 2</p> <p><b>No:</b> Go to step 4.</p>

Step	Action	Decision
2	<p><b>DIAGNOSTIC:</b></p> <p>Ensure AComs version v6.16.5.2 or greater is being used. And that v6.16.5.0 has not been used to connect to the vehicle.</p> <p>Refer to <a href="#">ACom 6.16.5.2 Release Notes</a> for more details.</p> <p><b>Has only only version 6.16.5.2 or greater been used?</b></p>	<p><b>Yes:</b> Proceed to step 3.</p> <p><b>No:</b> Update AComs to the latest version and reconnect to the vehicle. Follow on screen promotes.</p>
3	<p><b>DIAGNOSTIC:</b></p> <p>With both the primary and secondary air tanks full and equal pressures. Open ACOMS and monitor the primary and secondary application pressure sensors.</p> <p>Without the brakes depressed, pull up on the pedal and record the sensors readings. <b>Are they both reading 0psi (+- 2 psi)?</b></p> <p>With the brakes are fully depressed. <b>Are the two sensors reading full tank pressure?</b></p>	<p><b>Yes:</b> Please proceed to step 4.</p> <p><b>No:</b> Diagnose the pressure sensors and or pressure sensor's circuits.</p>
4	<p><b>DIAGNOSTIC:</b></p> <p>A light brake apply and a slow brake release may be needed to duplicate the brake lights hanging on.</p> <p><b>Are the brake lights on with no pressure being applied to the brake pedal?</b></p>	<p><b>Yes:</b> Lift the brake pedal with your hand and release the pedal.</p> <p>If the brake lights turn off the proceed to the resolution.</p> <p>If lights are still on, proceed to other switch, wiring and air system diagnostics.</p> <p><b>No:</b> Lightly press the brake pedal and release.</p>

If the lights stay on move to the resolution section.

If the lights turn off, then no correction is needed.

## **RESOLUTION**

Please click on the link below for detailed instructions for completing this repair

[Pedal Repair Instructions](#) - PDF Document

## **WARRANTY INFORMATION**

### **Warranty Claim Coding:**

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

### **Standard Repair Time(s):**

Refer to the [SRT Manual](#) for Repair Times

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