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Availability: ISIS, Bus ISIS, NotSIR **Revision:** 1
Major System: BRAKES **Created:** 9/8/2017
Current Language: English **Last Modified:** 10/26/2017
Other Languages: NONE **Author:** James Santos
Viewed: 274

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Coding Information

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Title: IC Bus Service Brake Switch Inspection

Applies To: 2017 IC Bus with Hydraulic Brakes

CHANGE LOG

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

09/8/2017 - Initial Article Release
 10/17/2017 - Fixed spelling errors and added Hole Diameter

DESCRIPTION

This document will guide the user through diagnosing a customer complaint of brake lights not functioning or parking brake not releasing

SYMPTOM(s)

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

DTC/Light	Description
N/A	

Customer Observations or Concerns: Customer may indicate brake lights inop when service brake pedal is depressed, or parking brake will not release when service brake pedal is depressed.


SPECIAL TOOL(s) / SOFTWARE

Tool Description	Tool Number	Comments	Instructions
deburring bit	N/A	Obtain Locally	

SERVICE PARTS INFORMATION

Kit Description	Part Number	Quantity Required	Notes
N/A			

DIAGNOSTIC STEP(s)

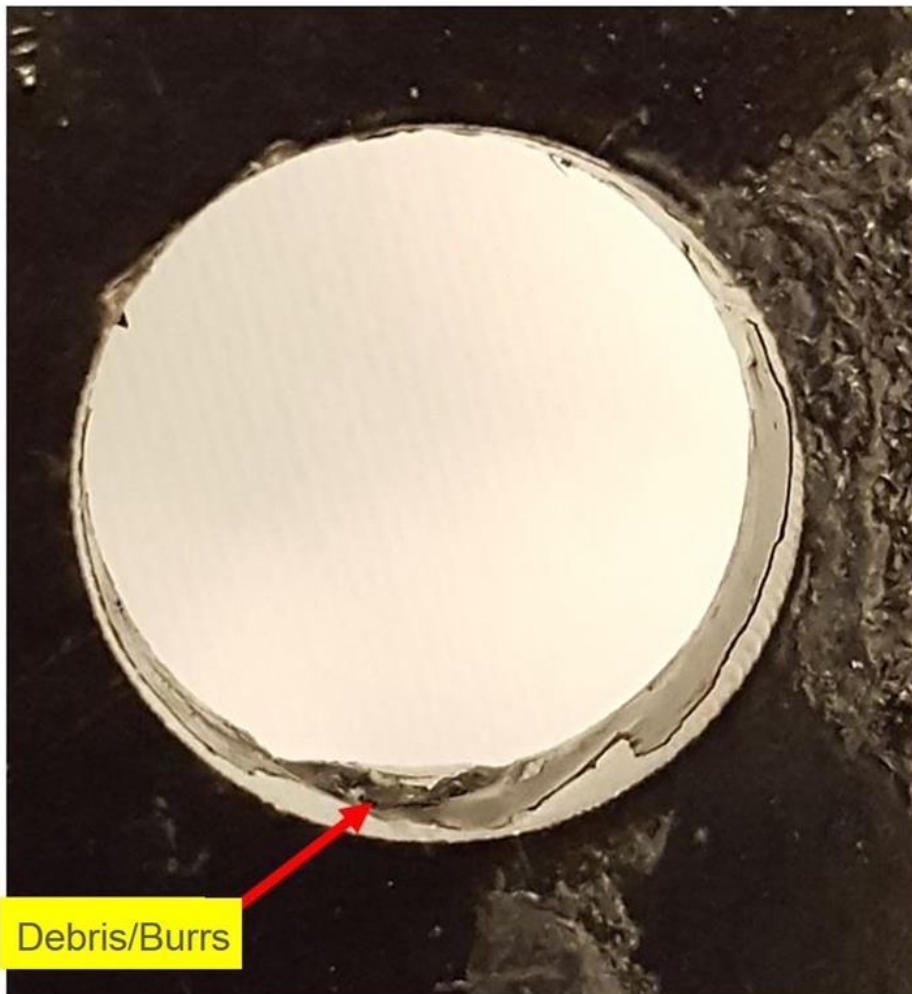
 WARNING:	
To prevent unexpected movement of the vehicle and possible serious personal injury or death, park the vehicle on a flat, level surface, set the parking brake, turn the engine off and chock the wheels to prevent vehicle from moving in both directions.	

- 1: Verify customer complaint of brake lights inop and/or parking brake will not release with service brake pedal depressed.

REPAIR STEP(s)

1. Procedure can be performed with pedal assembly installed. NOTE: Make certain brake pedal is supported during reaming process.
2. Inspect brake switch clevis pin hole for debris/burrs/paint. See images below:





3. Using a reaming tool, remove any paint, burrs, or debris from clevis pin hole. Target Hole Diameter is 14.0-14.1 mm
 4. Insert clevis pin into brake pedal assembly and ensure the clevis pin rotates freely in clevis pin hole. If pin does not rotate freely, more filing may be needed.
 5. Inspect clevis pin for damage, if damaged then replace with new pin. If no damage is found on pin, reinstall brake pedal assembly into vehicle.
 6. Verify repairs by rechecking for customer complaint.
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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

OTHER RESOURCES

[Master Service Information Site](#)

Service manual not available at this time

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