



Countries: CANADA, UNITED STATES **Document ID:** IK1300169
Availability: ISIS, Bus ISIS, FleetISIS, NotSIR **Revision:** 0
Major System: TRANSMISSION **Created:** 12/5/2018
Current Language: English **Last Modified:** 12/6/2018
Other Languages: NONE **Author:** Gintarus Andriusis
Viewed: 136

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Coding Information

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Title: PSI 8.8L Gasoline Bus Lacking Power Climbing a Hill

Applies To: PSI 8.8L Gas bus

Change Log

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

12/06/2018 - Initial Article Release.

Description

Customer may be experiencing lack of power, or feel like the transmission is not downshifting while climbing a hill.

Symptoms

Diagnostic Trouble Codes & Dashboard Indicator Lights:

DTC/Light	Description
No Faults or Warning Lights	

Customer Observations or Concerns:

- There may be a complaint of bus not downshifting
- Lack of power/loosing speed climbing up a hill

Special Tools / Software

Tool Description	Tool Number	Comments	Instructions
Allison DOC			

Service Parts Information

Kit Description	Part Number	Quantity Required	Notes
Not Applicable			

Diagnostic Steps

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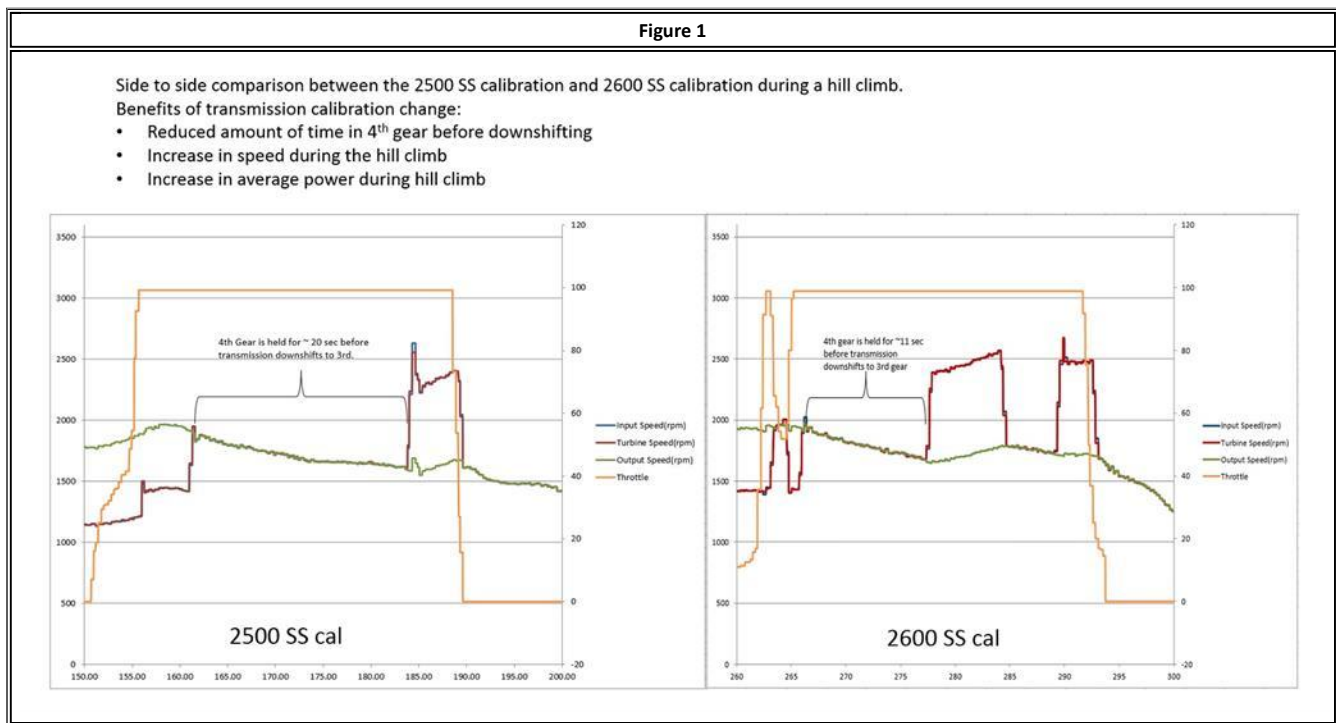
Step	Action	Decision
1	DIAGNOSTIC: Lack of power or feel of not downshifting climbing a hill	Yes: Proceed to Repair Steps
	YES/NO QUESTION? Does the bus seem to have lack of power, or feel like not downshifting while going up hill?	No: End of Diagnostics

Repair Step(s)

*****NOTE***** This is not a fix for a bus to gain more power, this may only improve the performance of the bus climbing a hill by changing shifting logic

Repair steps

1. Bus will have to be taken to Allison shop
2. The transmission calibration will have to updated to 2600 Variable SS (from 2500 Variable SS) - Comparison shown in Figure 1



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](#)

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