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Availability: ISIS, FleetISIS, Body Builder, NotSIR

Major System: ELECTRICAL SYSTEM

Current Language: English

Other Languages: NONE

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Coding Information

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Title: Body Builder Accessories Backfeeding Ignition Voltage

Applies To: All Chassis

CHANGE LOG

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

12/10/2018 - Initial Article Release

DESCRIPTION

This document will guide the user through adding a relay to the body build ignition feed to isolate any back-feeding voltage

This document supplements the [Body Builder Manual](#) .

SYMPTOM(s)

May cause mulitple lights to be set in the cluster. May cause lights in cluster to flicker with key off. May loose communcation with the Bendix ABS module.

Note: In some cases the backfeeding voltage an cause the ABS module to set an internal fault and require module replacement.

DIAGNOSTIC STEP(s)

Step	Action	Decision
1	DIAGNOSTIC:	Yes. Proceed to step 2
		No. End of diagnostics

	Turn on any body builder installed accessories and run them through a normal operation. Power down the accessories and vehicle normally. Measure voltage on the ignition circuit at key off. Note: Some accessories may produce a voltage back-feed for only a short period of time after key off. If there any voltage on the ignition circuit at key off?	
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Step	Action	Decision
2	DIAGNOSTIC: Disconnect the body builder accessories isolating them from the trucks ignition circuit. Is voltage still present on the ignition circuit at key off?	Yes: Diagnose truck ignition system for back-feeding source
		No: Install a relay between the ignition feed and the body builder's accessories per the resolution section. Then follow published diag for any faults still active after the relays installation

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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