



**Countries:** CANADA, UNITED STATES, MEXICO  
**Availability:**  
**Major System:** CAB / SLEEPER / HOOD  
**Current Language:** English  
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**Author:** Andrew Miles

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Coding Information

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**Title:** ESPAR Preventative Maintenance / Inpection

**Applies To:** Prostar / Lonestar with Feature Code 16UZL

## **CHANGE LOG**

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

10/22/2015 - Initial Article Release

## **DESCRIPTION**

This document will guide the user through a preventative maintenance / inspection procedure of the Load Shed Relay wiring connections. Certain vehicles may have been built with load shed relay wiring incorrectly connected. This could lead to an incorrect shutdown of the ESPAR Hydronic D5 auxiliary heater.

## **SYMPTOM(s)**

DTC/Light	Description
Not Applicable	Not Applicable

### **Customer Observations or Concerns:**

ESPAR system shutdown.

Trucks equipped with No Idle HVAC system Feature Code 16UZL Load Shed Relay Wiring inspected at the time the lower doghouse / cover is removed.

## **SPECIAL TOOL(s) / SOFTWARE**

Tool Description	Tool Number	Comments	Instructions
Not Applicable	Not Applicable	Not Applicable	Not Applicable

## SERVICE PARTS INFORMATION

Kit Description	Part Number	Quantity Required	Notes
Not Applicable	Not Applicable	Not Applicable	Not Applicable

## DIAGNOSTIC STEP(s)

Not Applicable

## REPAIR STEP(s)

### NOTE:

This procedure is intended for preventive maintenance and should be performed in conjunction with procedures that require removal of the interior doghouse / cover.



**Figure 1: Load Shed Relay - Correct Wiring Configuration.**

Item 1: A14Y Cable  
 Item 2: A14X / A14XX Cables  
 Item 3: Load Shed Relay



1. With interior doghouse / cover removed, inspect the wiring of the load shed relay (Figure 1, Item 3):

- Cable marked A14Y (Figure 1, Item 1) must be installed on the operator side of the relay.
- Cables marked A14X and A14XX must be installed together on the passenger side of the relay.

2. If necessary, disconnect wiring and correct accordingly.

## **WARRANTY INFORMATION**

### **Warranty Claim Coding:**

<b>Group:</b>	08550 - Batteries / Battery Run Down Protection
<b>Noun:</b>	718 - Solenoid

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

Step	Description	Chassis	Engine	SRT	Hours
Inspect and Correct	ESPAR PREVENTATIVE MAINTENANCE / INSPECTION	ProStar®	All Engines	R19-8019A	<a href="#">Link to Hours</a>
Inspect and Correct	ESPAR PREVENTATIVE MAINTENANCE / INSPECTION	LoneStar®	All Engines	S19-8019A	<a href="#">Link to Hours</a>

Link to the Standard Repair Time Manual: [Click Here](#)

## **OTHER RESOURCES**

[Master Service Information Site](#)

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