



Countries:	CANADA, COLOMBIA, UNITED STATES, MEXICO, PUERTO RICO	Document ID:	IK0800463
Availability:	ISIS	Revision:	3
Major System:	ELECTRICAL SYSTEM	Created:	11/4/2013
Current Language:	English	Last Modified:	7/15/2014
Other Languages:	NONE	Author:	Ken Fogelstrom
Viewed:	841		

[Less Info](#)

Hide Details

Coding Information

Copy Link 	Copy Relative Link 	Bookmark View My Bookmarks	Add to Favorites 	Print 	Provide Feedback 	Helpful 8	Not Helpful 1
----------------------	-------------------------------	--	-----------------------------	------------------	-----------------------------	-------------------------	-----------------------------

Title: High or Spiking Voltage w/ Leece-Neville Alternator Using Remote Voltage Sense

Applies To: Feature codes: 08GXD; 08GXE; 08GXC; 08GXB Build date range: Apr 1, 2013 - Nov 11, 2013

07/14/2014 - Added manufacturing date range

DESCRIPTION

Any of these symptoms may occur:

- Alternator voltage is intermittently high (above the normal running range of 13.8-14.8V).
- Voltage as seen on the volt gauge spikes above 15V temporarily, and then drops to normal range.
- Voltage gauge fluctuates abnormally.

PARTS INFORMATION

The following alternator part numbers may be affected:

Part #	Feature	Description
4024553C91	08GXD	Alternator, Leece-Neville AVI160- 160A
4024554C91	08GXE	Alternator, Leece-Neville AVI160- 190A
4022170C91	08GXC	Alternator, Leece-Neville AVI160- 210A
4022171C91	08GXB	Alternator, Leece-Neville AVI160- 240A

REPAIR PROCEDURE

Replace alternator with same part number. Defective parts have been removed from inventory at the PDCs. **Please make note of the failure symptoms on any warranty claim.**

IF A NEW PART IS NOT READILY AVAILABLE, the following procedure may be used as a temporary containment until a new alternator can be installed:

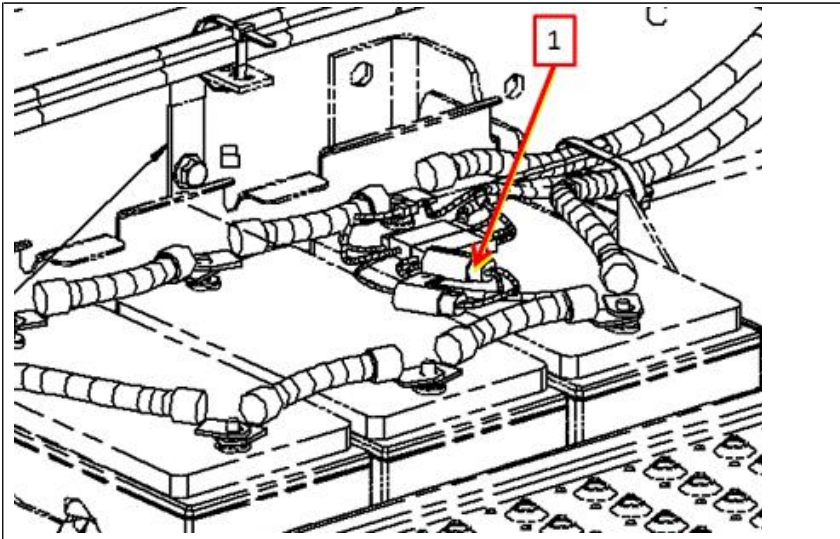
1. Locate the inline fuse in the remote sense line

The sense wire is routed as an individual harness, not bundled with other wires.

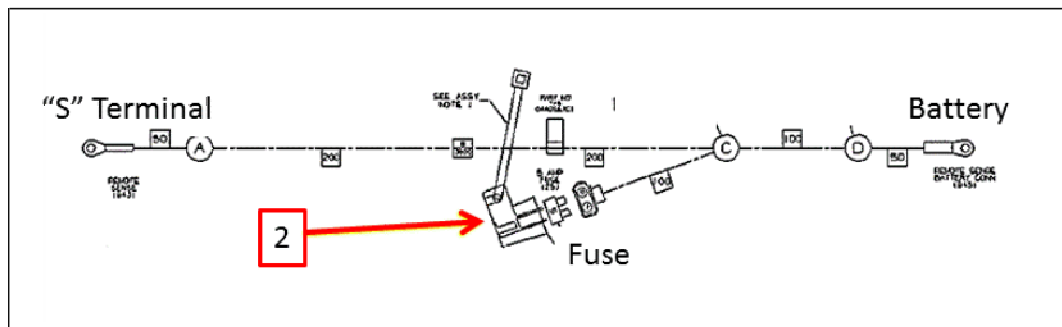
For most configurations, the fuse will be found strapped to positive battery cable inside or near the battery box (Fig 1).

If not, trace the sensor wire back from the battery until the fuse is located (Fig 2).

2. Check continuity between remote sense battery connection and alternator "S" terminal to verify correct wire and fuse (Figs 1+3).
3. Remove fuse from socket.
4. Replace fuse socket cap.

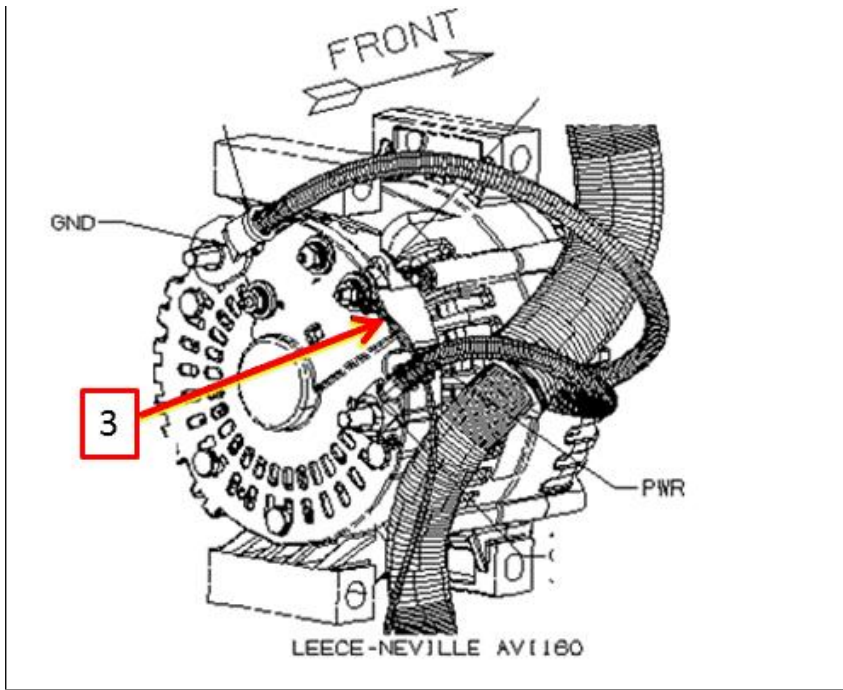


1) Remote sense fuse



2) Remote sense harness and fuse





3) Remote sense wire at alternator terminal "S"

WARRANTY INFORMATION

Warranty Claim Coding:

<u>Group:</u>	<u>08000</u>
<u>Nouns:</u>	<u>018</u>

Standard Repair Time(s):

<u>Description</u>	<u>SRT Link</u>	<u>Hours</u>
<u>R&R Alternator - 4300/4400</u>	<u>KL08-3018T</u>	<u>0.6</u>
<u>R&R Alternator - 7600, ProStar</u>	<u>N08-3018U</u>	<u>0.9</u>

Hide Details

Feedback Information

Viewed: 840
 Helpful: 8
 Not Helpful: 1

No Feedback Found