

 BC Ambulance Service BC Emergency Health Services	<h2>Power Inverter Diode Installation</h2>	November 21, 2016 Page 1 of 3
AMBULANCE TYPE:	Demers Chevrolet Ambulances	
UNITS AFFECTED:	63300-63349, 63360-63369, 63400-63457	

ISSUE: GM Recall “42230 Shortened Powered Accessory Availability” reprograms the vehicle’s PCM and BCM for the alternator to produce more voltage. This higher voltage causes the ambulance power inverter to produce an “Over Voltage” trouble code, causing the power inverter to stop working.

ACTION: Install the supplied diode in the Power Inverter switch/sensor circuit at the next A service or at the earliest opportunity.

LABOUR TIME: Bill to BC Ambulance .2 HRS

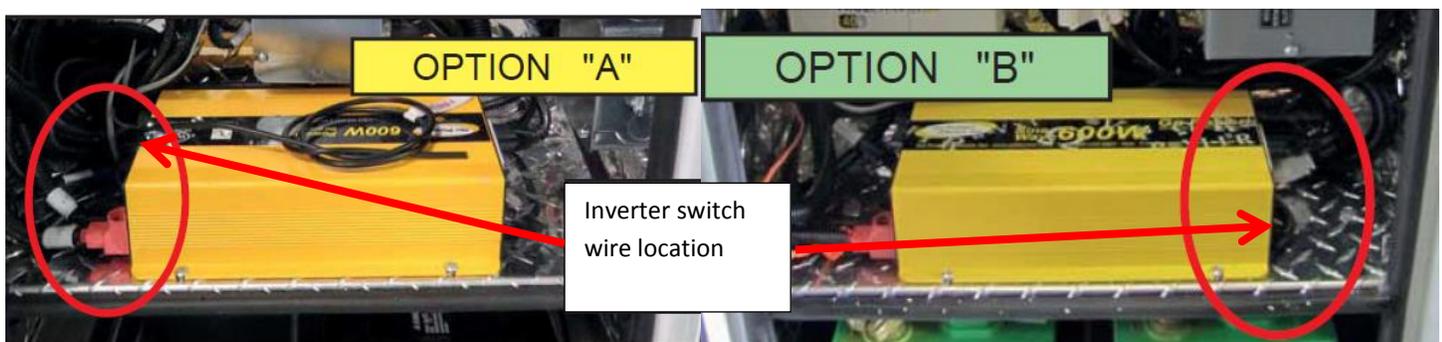
LABOUR CODE: CMOID

Use the above labour code on the invoice to identify this procedure has been completed.

SERVICE PROCEDURE:

Follow the picture instructions below. Be sure to read the complete instructions before performing the modification.

Identify if the inverter you are working on is an option A or B.

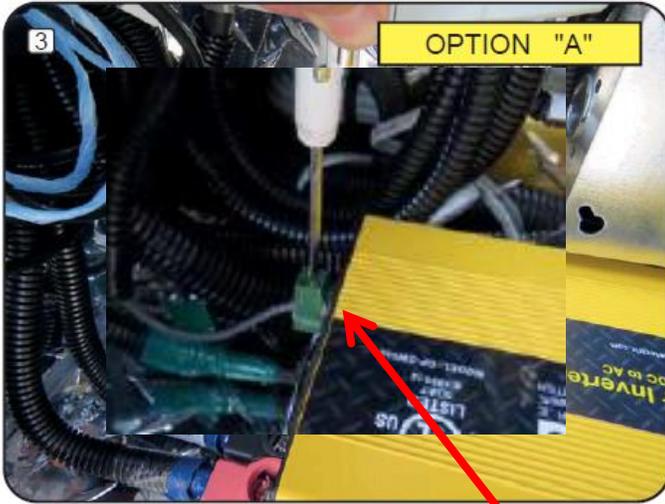


Follow the corresponding instructions below for the affected option.

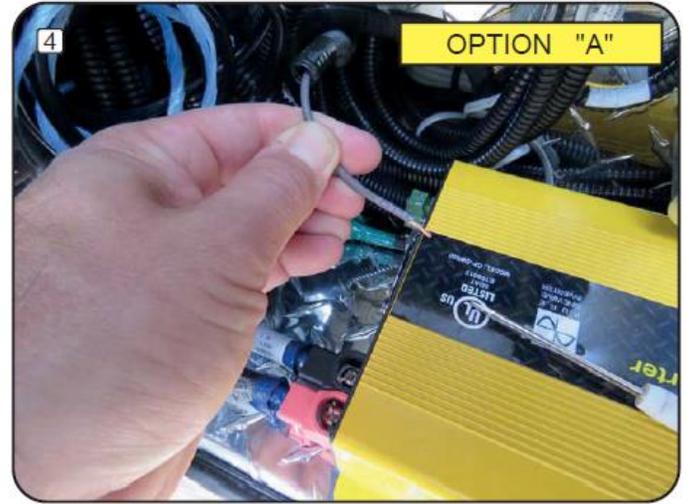


Power Inverter Diode Installation

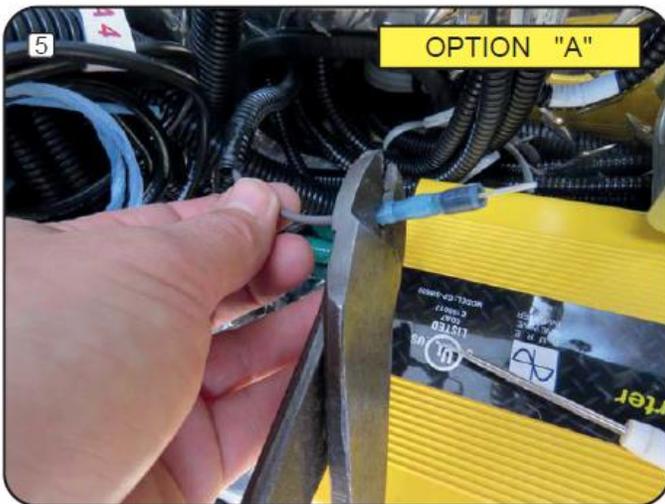
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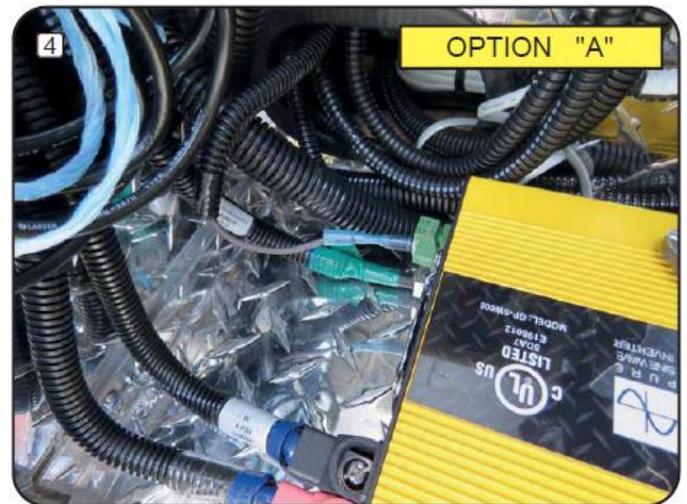
Use a screwdriver to remove wire.



Remove wire.



Crimp and heat shrink diode assembly.

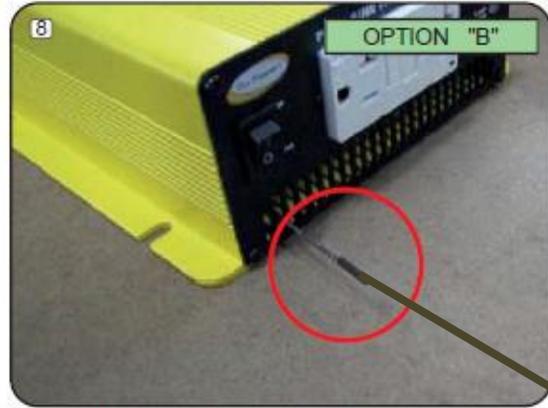


Reinstall wire in connector.

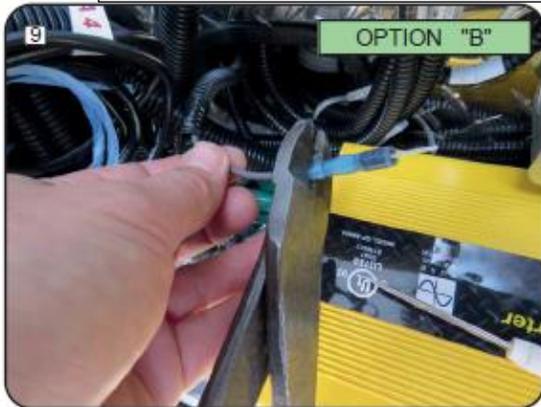


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- 1) Locate switching wire entering inverter. 2) Cut switching wire and insulate inverter end.
- 3) Re-route the harness wire to opposite end of the inverter.



Crimp and heat shrink diode assembly.



Install wire in connector.
See below schematic.

