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SPOT LIGHTS NOT WORKING 9700 (B13R)

MODEL YEAR(S) AND VEHICLE SERIAL NUMBERS (VIN) INVOLVED

NOTICE TO SERVICE CENTERS	
Verify vehicle eligibility by checking warranty bulletin status with SAP or via ONLINE WARRANTY SYSTEM available on Service / Warranty tab of PrevoSt website.	
Model	VIN
Volvo 9700 us/can Model Year : 2013 - 2015	From 3CET2S223 <u>D5157595</u> up to 3CET2V225 <u>F5170076</u> incl.
This bulletin does not necessarily apply to all the above-mentioned vehicles, some vehicles may have been modified before delivery. The owners of the vehicles affected by this bulletin will be advised by a letter indicating the Vehicle Identification Number (VIN) of each vehicle concerned.	

Tool(s) that may be required:


Part No.	Description	Qty
88890029	Terminal Extractor	1

DESCRIPTION

On the vehicles affected by this bulletin, the front spot lights may not come on when the ignition switch is set at the Normal + Spot Light position.

To correct the situation, affected vehicles must be inspected for proper spot light operation and rectified as necessary following the procedure below.

PROCEDURE

 DANGER
Park vehicle safely, apply parking brake, stop engine. In the battery box, set the battery cut-off switch to the OFF position prior to working on the vehicle.

PART 1 INSPECTION

In the Volvo Configurator (TechTool), make sure that the vehicle is using the latest 216 LCM (SLCM08) version and update as necessary.

Vehicles are equipped with a four position ignition switch: Off, Parking Lights, Normal (Hi/Low) Lights and Normal + Spot Light.

The spot lights are located toward the center of the vehicle in the headlight assembly and should light-on when the switch is in the Normal + Spot Light position and the high beams are selected.

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If the spot lights fail to light or they only blink on and go off, the vehicle Lighting Control Module (LCM) harness pin out must be modified as per the drawing below.

Additionally, if the vehicle displays the following codes, harness must also be modified:

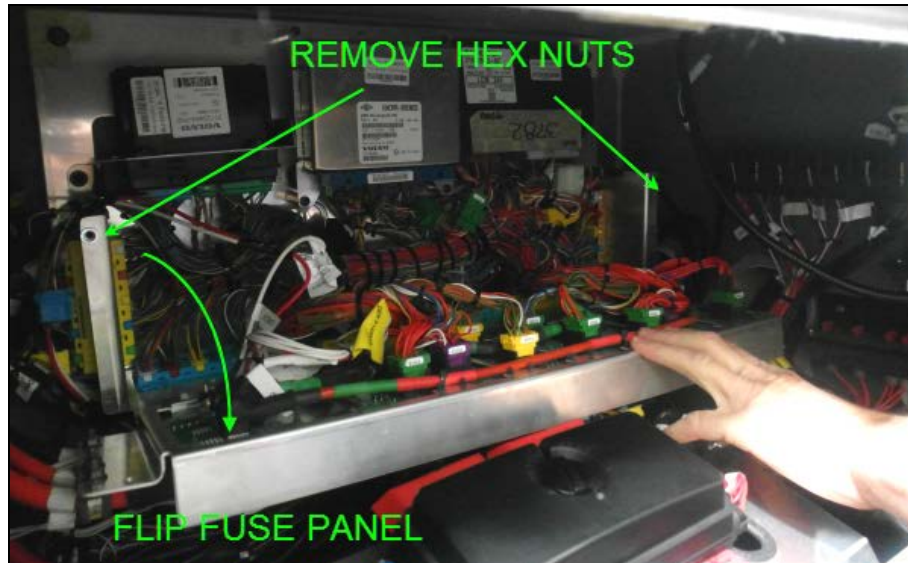
- MID 216 PSID 7 FMI 6 Spotlight, current above normal or grounded circuit.
- MID 216 PSID 91 FMI 5 Extra main beam, current below normal or open circuit.

PART 2 LCM HARNESS MODIFICATION

- 1) Locate the LCM (Lighting Control Module) in the vehicle step well compartment.

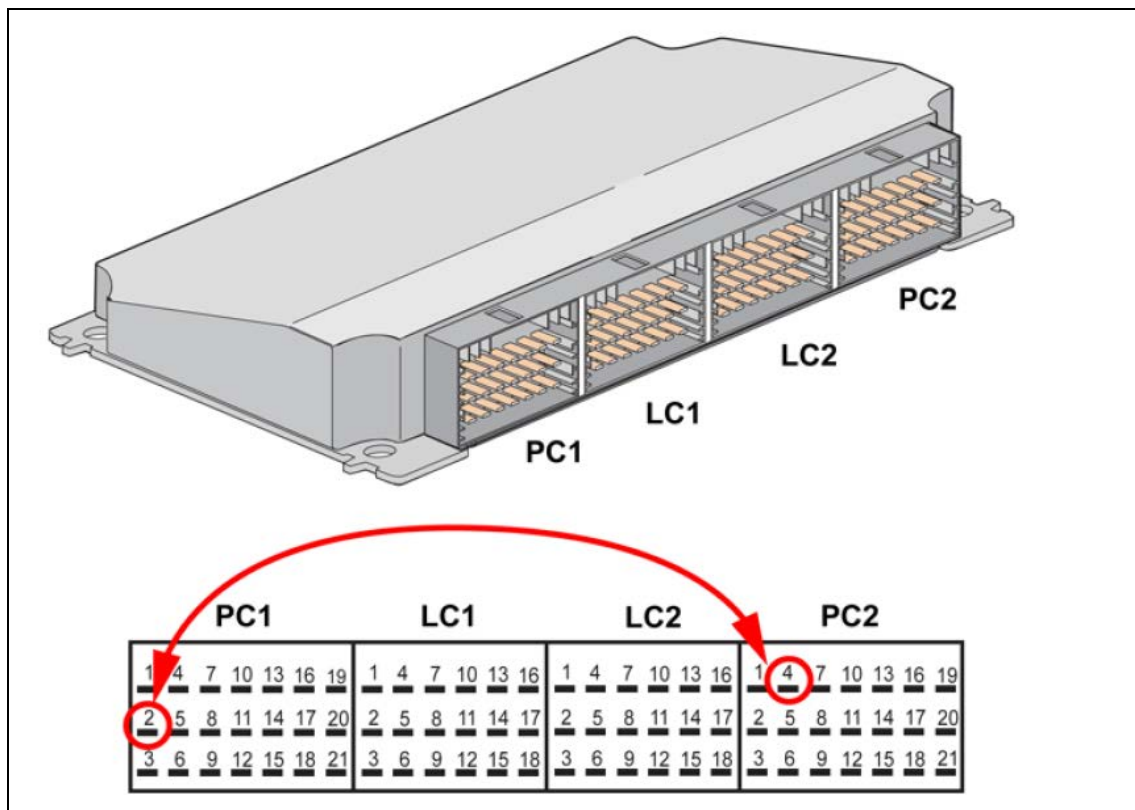


- 2) Flip the hinged fuse panel (remove two hex nuts) to access the LCM module connectors.



- 3) Switch circuit A27:A2 and A27:D4 in the harness connector (pin PC1_2 and PC2_4 in the harness connector as shown below). Use extractor #88890029 or suitable equivalent tool to remove the terminals from the connector housing without damaging them.

Disconnect and switch pins, **complete with all wires** from one location to another. Do not cut wires to switch from pin to pin.



- 4) Reconnect the control module and set the cut-off switch to the ON position.
- 5) Start the vehicle and check for proper operation of the spot lights.

PARTS / WASTE DISPOSAL

DO NOT RETURN THE REPLACED PARTS. Discard waste according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)

WARRANTY

This modification is covered by Prevost's normal warranty. We will reimburse you the parts and half an hour (0.5) of labor upon receipt of a warranty claim. Please submit claim via our Online Warranty System, available at www.prevostcar.com (under Service \ Warranty section). Use Claim Type: "Bulletin/Recall" and select "Warranty Bulletin WB15-86".

OTHER

VBC Bulletin	S-6729
Fail Code	06.05
Defect Code	09
Syst.Cond.	B
Causal Part	21043962

Access all our Service Bulletins on <http://prevostparts.volvo.com/technicalpublications/en/pub.asp> or scan the QR-Code with your smart phone.

E-mail us at technicalpublications_prev@volvo.com and type "ADD" in the subject to receive our warranty bulletins by e-mail.



Prevost engages in a continuous program of testing and evaluating to provide the best possible product. Volvo Bus, however, is not committed to, or liable for updating existing products.