

Service and Warranty Reference Library

Subject: Information on Diagnosing Intermittent Electrical Concerns Flickering Interior Lights/ Erratic Operation of Exterior Lights/ Service Steering Message/Shifter won't move from Park

Models: 2010-11 Saab 9-5 & 2011 9-4X

Condition/Concern

Some customers may comment on intermittent issues with components that are fused through the instrument panel fuse block. These issues may include (but are not limited to):

- Flickering Interior lights.
- Erratic operation of exterior lights.
- Service power Steering (SPS) message displayed.
- Unable to move the transmission selector from PARK.

The above conditions are examples; however, additional components may be affected. Components that are fused by the fuses identified below, in the (IPEC) instrument panel fuse block, are the primary focus of this bulletin.

These conditions may be caused by insufficient tension on the feed side of the fuse (BUS bar terminal connection inside the fuse block).

Recommendations:

Use the following steps to diagnose and repair the condition.

1. Locate the instrument panel fuse block. Refer to WIS for the specific location.
2. Locate the fuse in the fuse block that controls the component that is displaying the condition.
3. With the vehicle in PARK and the parking brake set, start the vehicle.
4. With the vehicle running, wiggle the fuse in question and observe function of the component.
5. If moving the fuse makes the condition change (operative/inoperative) proceed to the next step. If the condition does not change, refer to the appropriate diagnostic and repair procedures in WIS.
6. Remove the affected fuse from the fuse block.
7. With the fuse removed, determine which terminal is the feed side.
8. Using test adapter J-35616-35 for relay terminals, inserted in the feed side, perform a drag test and determine if the terminal has sufficient tension. If J-35616-35 is not available a fuse can be modified by cutting one leg off. Look for witness marks on the fuse pin to see if both sides of the terminal are making good contact as well.
9. If a loose terminal is found adjust the terminal tension as follows:

- a) Insert an awl between the fuse block housing and the terminal as shown below



- b) Gently pry the terminal inward to tighten the terminal opening. Perform this procedure on both sides of the terminal.
10. Using the drag test tool, perform a drag test and verify the terminal tension.
 11. Reinstall the fuse and verify the condition has been corrected.
 12. Repeat the terminal tension drag test on the remainder of fuse locations and tighten the terminal tension as necessary.

PI0745 PI0745a PI0745b PI0745C

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