

STAR ONLINE PUBLICATION

Case Number: S2005000003

Release Date: 03/30/2020

Symptom/Vehicle Issue: ABS And ESP Warning In EVIC C0037-1D C003A-1D

Discussion:

C0037-1D Left Rear Wheel Speed Sensor - Circuit Current Out of Range
C003A-1D Right Rear Wheel Speed Sensor - Circuit Current Out of Range

If the above DTC's set active, inspect the wheel speed sensor circuits and pins wiring for signs of damage and corrosion (page 2). Small areas of damage can be repaired using MoPar splicing guidelines. Refer to service information for wire splicing 29 - Non-DTC Diagnostics / Circuit Testing Procedures / Standard Procedure WIRE SPLICING. Inspect the harness. If no damage is seen on the outside of the convolute tubing, open the convolute and remove tape on the harness to inspect the wire insulation.

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechCONNECT or eCONTACT ticket if no solution is found

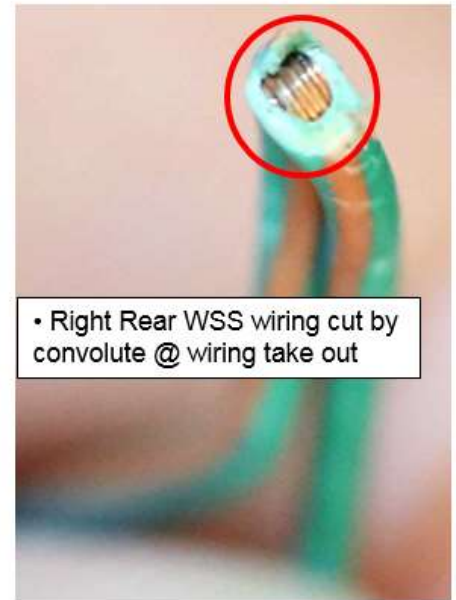
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Corrosion residue/debris and damaged circuit insulation are visible at the takeout point of D1575A.



Magnified view of damaged and corroded wires near connector D1575A takeout point. Note that several strands are broken



Examples of corrosion and wire damage.

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