



STAR ONLINE PUBLICATION



Case Number: S2302000001 Rev. A

Release Date: November 2024

Symptom/Vehicle Issue: Service Air Suspension Message In Cluster. Ride Height Sensor and System Performance Diagnostic Trouble Code(s) (DTCs) In Below Freezing Temperatures.

Customer Complaint/Technician Observation: Owner states “SERVICE AIR SUSPENSION” warning displays on the cluster. Technician may find one or more of the following DTCs set in cold weather conditions.

C15AD-92-RIDE HEIGHT SYSTEM- PERFORMANCE OR INCORRECT OPERATION

C151E-2A LEFT FRONT RIDE HEIGHT SENSOR-STUCK

C1522-2A RIGHT FRONT RIDE HEIGHT SENSOR-STUCK

C1526-2A LEFT REAR RIDE HEIGHT SENSOR-STUCK

C152A-2A RIGHT REAR RIDE HEIGHT SENSOR-STUCK

Discussion: If the condition is related to cold temperatures, it is possible there is water intrusion into the sensor body has resulted in ice build-up, freezing the sensor

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, eCONTACT or Service Library entry if no solution is found.



STAR ONLINE PUBLICATION



internally and preventing smooth articulation of the sensor arm. This will prevent that specific corner(s) of the vehicle from raising/lowering during a level change command.

Repair: If weather conditions allow, duplicate the condition. Bring the vehicle inside the heated garage and allow the vehicle to warm for 1 hour. If the condition is no longer present, inspect inside the sensor connector for signs of ice, water, or corrosion damage. If damage is found, replace the affected sensor and wiring connector as needed.

Diagnostics for the above listed DTCs are in process of being updated.

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, eCONTACT or Service Library entry if no solution is found.