



STAR ONLINE PUBLICATION



Case Number: S2202000003 Rev A

Release Date: May 2022

Symptom/Vehicle Issue: Low Air Mass C15D9-00 DTC Service Air Suspension Message And Or Air Woosh Noise.

Discussion: If a customer has the above list of complaints that could also include abnormal air noises described as “woosh” or heavy truck air brake vent, it’s suggested to perform the ASCM Leak Down Test using WiTECH. This routine will perform a leak test in highest off-road position (off-road 1 or 2 depending on vehicle). The test is a minimum of 4 hours and records and reports the pressure losses of the system at the end of the test. View the video to understand how to use the routine. It can be accessed through Service Library by searching or locating DTC C15D9-00.

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



2022 > WS - WAGONEER/GR... > 5.7L V8 HEMI MDS V... >

Search | Type search term and press enter

System Explorer << C15D9-00-LOW AIR MASS (MODULE, Air Suspension Control (ASCM)) ☆ ⓧ Ⓜ Ⓟ 🔍

Collision Info
Owners Manual
Parts
Service Bulletins/Recalls
Service Information
Warranty
Wiring

Air Suspension Scan Tool Leak Down Test

FCA **MOPAR**

FIAT CHRYSLER AUTOMOBILES

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Once a pressure loss is indicated, perform a soapy water test to confirm a leak. Kids bubbles and glass cleaner liquids in a pump spray bottle (not a foam aerosol) have been reported to work well. Wet suspect hose couplings and the components (reservoir, spring, valve block, line sets) and watch for bubbles to form at the source of the leak. After a repair is made- perform a second ASCM Leak Down Test with WiTECH to confirm a leak is repaired.

<<<Note>>> Air springs may need to be soapy water tested at different height positions to show a leak. This is due to the rubber folds at the top and bottom caps.

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■ ASCM

Air Suspension Control Module

Flash DTCs Data **Misc Functions** System Tests Actuators Details Configuration

NAME

ASCM Exit Plant Mode

ASCM Leak Down Test

Component Air Mass/Pressure/Ride Height Readings

Deflate To Atmosphere

Deflate To Reservoir

Fill Spring From Reservoir

Set Ride Height Level

Write Suspension Height Values

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