



## STAR ONLINE PUBLICATION



**Case Number:** S2202000003

**Release Date:** March 2022

**Symptom/Vehicle Issue:** Low Air Mass C15D9-00 DTC Service Air Suspension Message

**Discussion:** Diagnostics for DTC C15D9-00 now includes a video showing how to utilize the ASCM Leak Down Test using WiTECH. This routine will perform a leak test in highest off-road position (offroad 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.

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



FIAT CHRYSLER AUTOMOBILES

0:01 / 3:53

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**



## STAR ONLINE PUBLICATION



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.

■ ASCM Switch ECU ▾

Air Suspension Control Module

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

NAME
ASCM Exit Plant Mode
<b>ASCM Leak Down Test</b>
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

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**