

STAR Case

Case Number: S1723000007 Rev F

Release Date: 03/31/2021

Symptom/Vehicle Issue: Air Suspension Inoperative And Or Compressor Freeze Up Or Sticking In Cold Weather.

Discussion: Inspect air suspension fuse for an open. Is the fuse open?

>>> Yes.

1. Replace the compressor Fuse only, not the compressor unit.
2. Deflate the system to ambience - This will purge the air drier
3. Fill only the reservoir with Nitrogen using the service manual procedure.
4. Perform 3 partial deflations of the reservoir using WiTECH (this will help pull humidity from the system).
5. Follow service manual procedure to fill the system with Nitrogen
6. Perform a leak test. Provide us details & make sure of the below
 - A. Put the system in Off road 2 (Off Road position for Rebel trucks)

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B. Record pressure/airmass at this point

C. Place the system in plant mode to disable auto leveling and ascm operation. To accomplish this start any ascm routine and cancel out before completing. The plant mode fault will be active (c2212). Leave the vehicle for 2 hours & compare the readings taken in step B. This will help in identifying the corner which may have leaked.

D. Remove vehicle from plant mode by completing any ASCM misc function routine (such as Air Mass check).

*** **NOTE** *** Highest suspension height is typically used for leak testing but it may be necessary to leak test in lower positions to duplicate a leak.

5. Verify the intake air house routing is facing downwards, preventing the collection of water/snow.

>>> No. Fuse is not blown. Follow diagnostics for any active DTC's. If no DTC's exists, perform a suspension test by operating the system through each position.

NOTE- Compressor and individual service parts have been updated. If **NO** signs of moisture, leaks, or incorrectly routed air intake are found, an updated compressor is available. Always refer to STAR Parts for most recent part information. Several improvements are on the latest level parts.

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