

REFERENCE:	TSB: 24-010-23 GROUP 24 - Heating and Air Conditioning	Date:	July 29, 2023	REVISION:	-
VEHICLES AFFECTED:	2023 - 2024 (GG) Dodge Hornet 2023 - 2024 (GC) Alfa Romeo Tonale	MARKET APPLICABILITY:			
		<input checked="" type="checkbox"/> NA <input type="checkbox"/> MEA <input type="checkbox"/> SA <input type="checkbox"/> IAP <input type="checkbox"/> EE <input type="checkbox"/> CH			
CUSTOMER SYMPTOM:	The customer or Technician may describe or find one or more of the following: <ul style="list-style-type: none"> • A/C system doesn't work. • Insufficient cooling. • Lack or loss of refrigerant in the system. 				
CAUSE:	Possible A/C system leakage.				

DISCUSSION:

This wiTECH test must be performed to help evaluate any A/C cooling concern.

- Open driver and passenger doors and keep it opened during the duration of the whole test.
- Go to key on status (engine still off).
- Set the climate control to these settings:
 - A/C off.
 - Blower at maximum (7th detent).
 - Mode set to PANEL.
 - Recirculation button set to External Air (both LEDs off).
- Switch the engine on.
- Wait for 2 minutes to allow the system to equalize the internal temperatures.
- Launch the procedure in WiTech, (detailed instruction in following pages):
- Start the «HVAC Cool Down test» in HVAC ecu (ECC) in the System Test section.
- Follow the on-screen instructions below: (Fig. 1) , (Fig. 2) , (Fig. 3) , (Fig. 4) , (Fig. 5) , (Fig. 6) and (Fig. 7) .

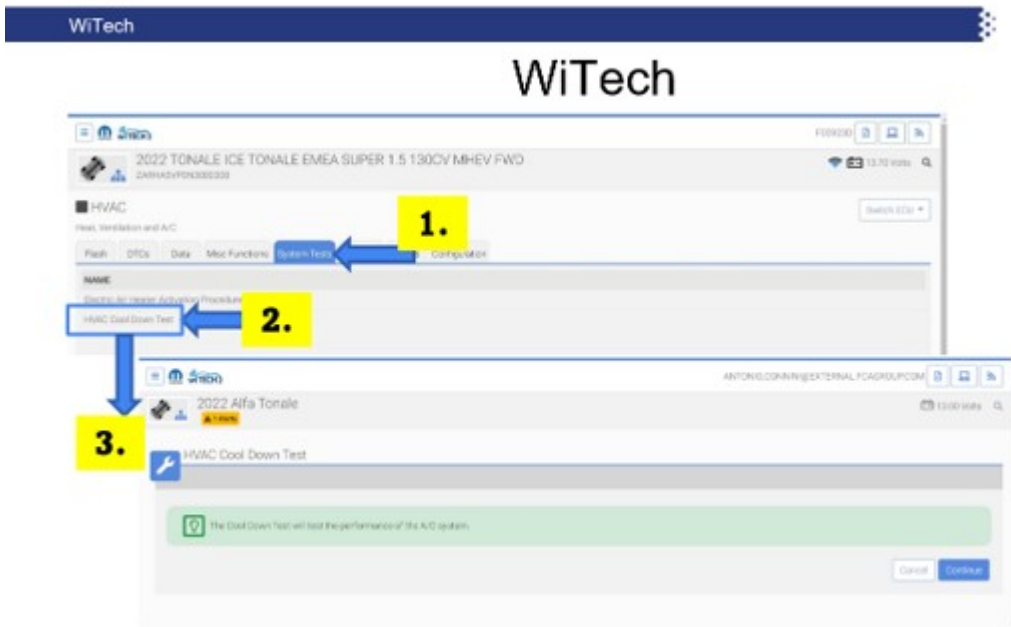


Fig. 1
Start of Test

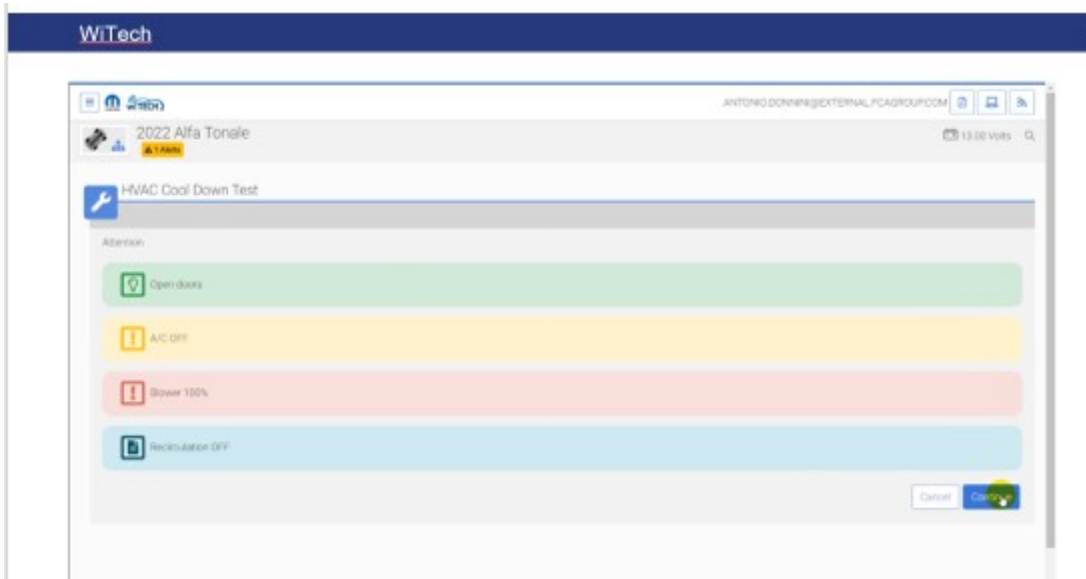


Fig. 2
HVAC Cool Down Test

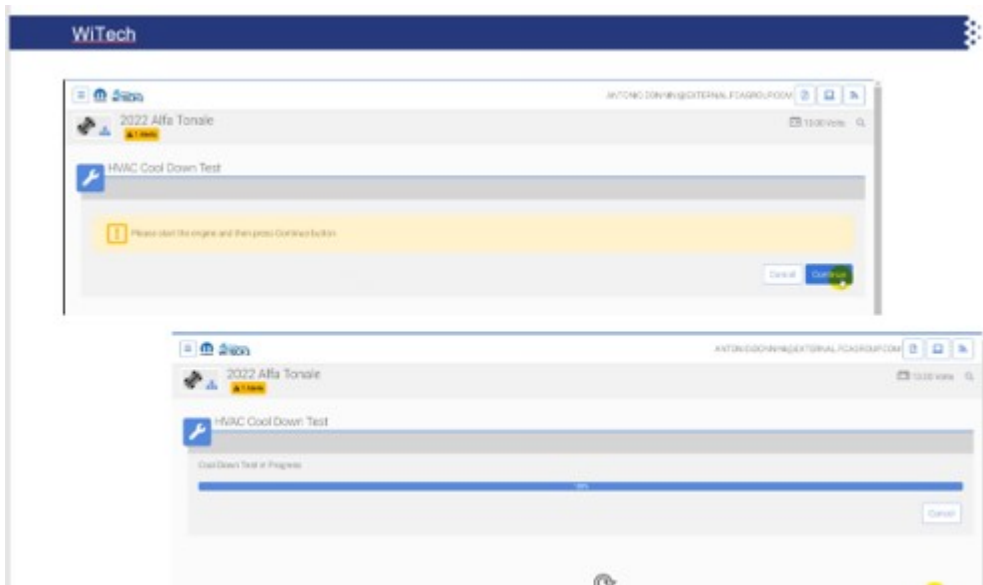


Fig. 3
On Screen Instructions 2

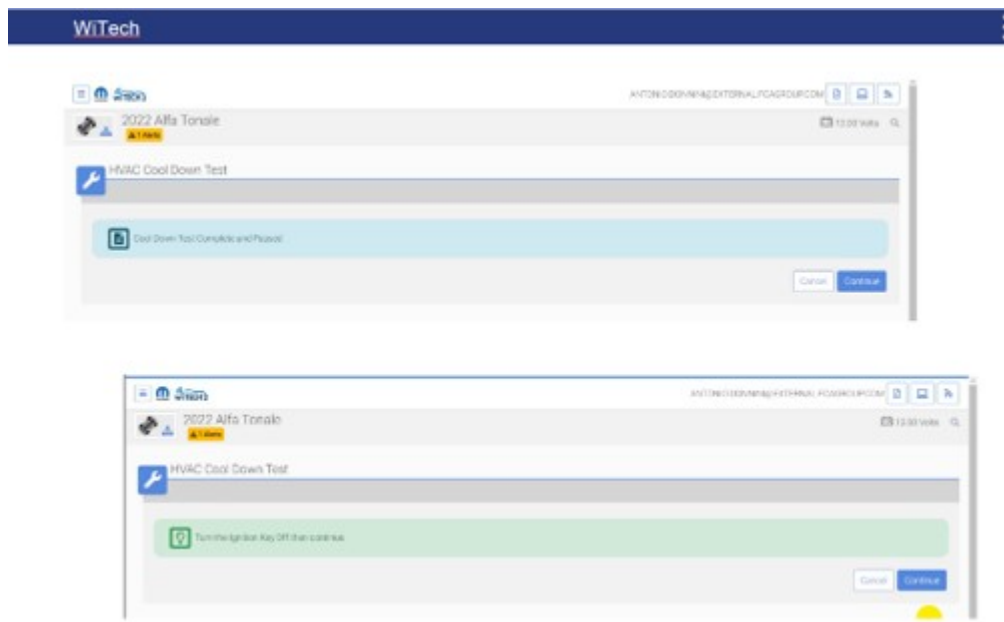


Fig. 4
On Screen Instructions 3

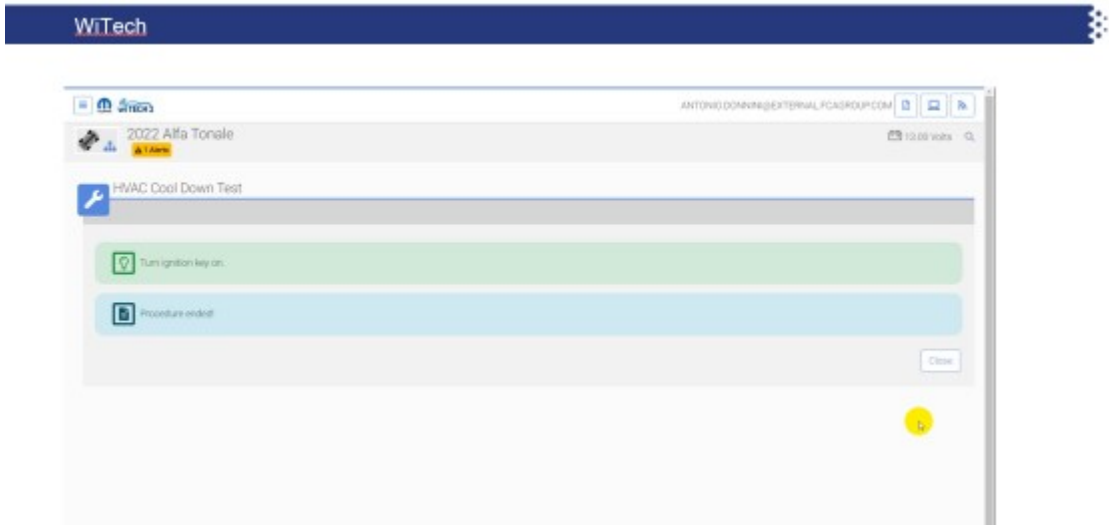


Fig. 5
On Screen Instructions 4

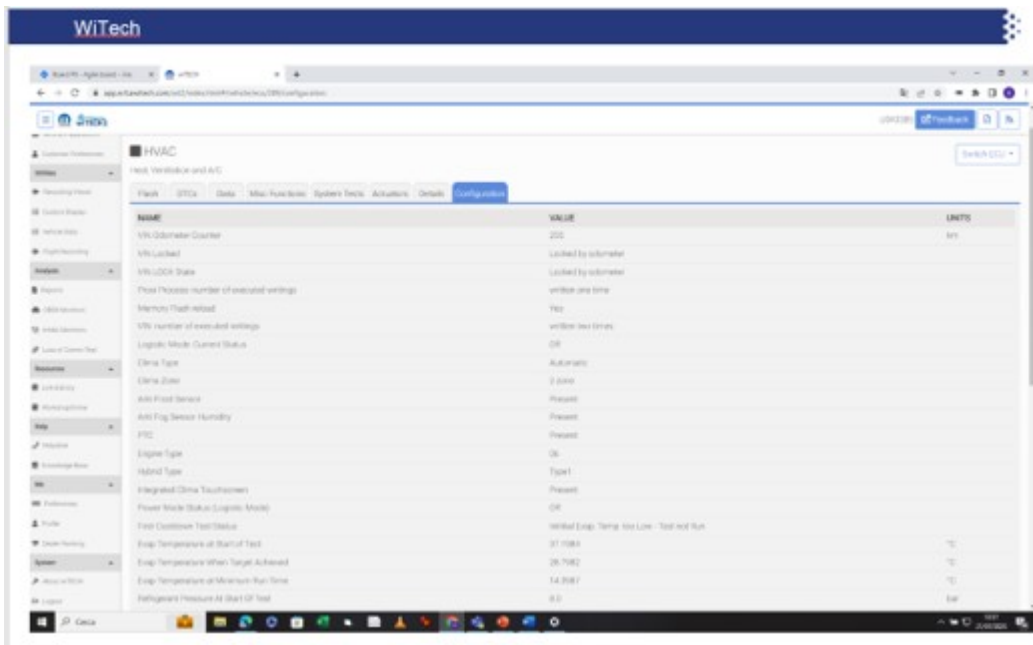


Fig. 6
On Screen Instructions 5

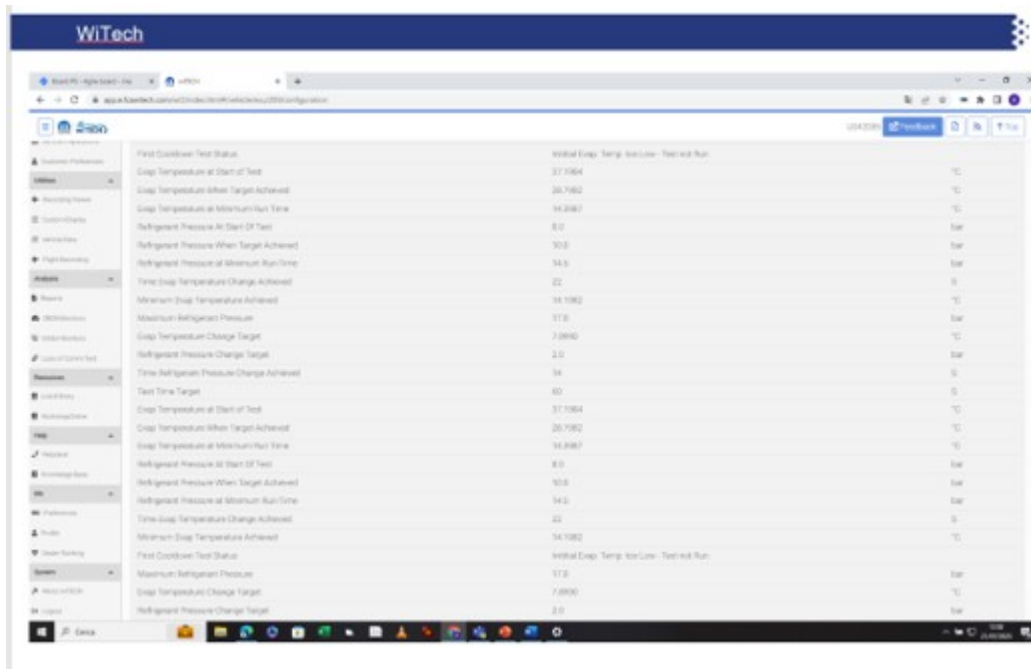


Fig. 7
On Screen Instructions 6

If the system fails to properly function after this test than an A/C performance test must be performed. Refer to the detailed service procedures available in DealerCONNECT> Service Library under: Service Info>24 - Heating and Air Conditioning / Diagnosis and Testing> A/C Performance.

NOTE: If condition is found at less than 500 miles, adding liquid dye should be performed and system ran for 10 minutes at full cold, prior to leak diagnosis.

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