

REFERENCE:	TSB: 24-006-23 GROUP 24 - Heating and Air Conditioning	Date:	June 30, 2023	REVISION:	-
VEHICLES AFFECTED:	2021 - 2024 (Stellantis Group Vehicles except Alfa Romeo vehicles which do not contain refrigerant dye from the factory.)		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	

NOTE: This Informational bulletin applies to 2021–2024 Stellantis vehicles equipped with gasoline or diesel engines.

NOTE: Alfa Romeo based vehicles do not have factory fill dye.

This applies to all ex-FCA vehicles, Chrysler, Jeep, Dodge and RAM brand vehicles which have a factory fill of dye, if the system has a leak prior to allowing the system to run for 10 or more minutes with full compressor duty cycle, the dye will not have circulated through the system. To state Alfa Romeo vehicles will require dye to be added.

DISCUSSION:

- Repeated repair attempts for A/C does not cool, where an evacuation and recharge is performed for low refrigerant without a leak repair.
- A change has been made in the use of LOP 24-01-12-01 R1234YF- Performance Test and Recharge, no leak found. 24-01-12-01 is no longer an active LOP.
- To allow for the proper testing and the time needed to diagnose HVAC systems a new LOP has been created 85-41-24-01 - Air Conditioning & Heater, Trouble Not Found - A/C Performance Test.

When an Air Conditioning functional issue is being diagnosed, The First step is to perform the A/C performance test outlined in Service Library 24 - Heating and Air Conditioning / Diagnosis and Testing A/C Performance.

- Recording pressures and temperatures during this test is crucial; and should be noted as part of the 3 Cs.
- The A/C Performance test will help the technician determine if the vehicle is operating to specifications or not and avoid unnecessary repairs.
- We understand that some vehicles, when operating as designed, may still result in a customer dissatisfaction.
- Knowing this allows for better communication and understanding.
- Repairs attempted on an operating-as-designed system can and do lead to lost time on root cause activities from our quality and engineering teams.

All Chrysler, Jeep, Dodge and RAM brand vehicles leave the factory with dye added to the receiver dryer. Because a new vehicle may have not had enough time to circulate the factory dye it is best to add liquid dye when low refrigerant is found with low time in service.

The vehicles A/C system will need to be operated to circulate the dye, 10 minutes of compressor on time is sufficient. Followed by time to find and repair the leak prior to returning the vehicle to the customer.

If the A/C performance test finds the system is operating within Service Library defined parameters, please review customer expectations, customer settings, and compare this to other like equipped vehicles.

Due to this we have removed the 24-01-12-01 R1234YF- Performance Test and Recharge, no leak found LOP.

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