



Condition

ATTENTION:

THIS IS A TECH TIP, NOT A TECHNICAL BULLETIN AS TITLED.

TECH TIPS ARE NOT ASSOCIATED WITH WARRANTY CLAIMING.

Applicable Vehicles					
Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
All	2015-2024	All	All	All	All

Revision Table			
Instance Number	Published Date	Version Number	Reason For Update
2055763/3	01/18/2024	87-19-02TT	Update to model and model year applicability.
2055763/2	8/11/2022	87-19-02TT	Update to model and model year applicability.
2055763/1	7/26/2019	87-19-02TT	Original publication.

Technical Background

While verifying a low refrigerant condition the - **V454** Air Conditioning Compressor sometimes appears to be leaking at the case seals (Figure 1).

The oil found at the bottom of the compressor (Figure 1) can be caused by a leaking low pressure compressor O-ring. (Figure 2-3).

Oil found at bottom of compressor.



Figure 1



Leak found at low pressure compressor connection.



Figure 2

Cause: O-ring torn on low pressure AC hose connection to compressor.



Figure 3

Service

Before the replacement of any compressor for a possible leak the leak must first be verified by injecting dye into the Air Conditioning system after refrigerant recovery to verify the refrigerant level

Additional Information

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