



## STAR ONLINE PUBLICATION



**Case Number:** S2409000002 REV. A

**Release Date:** March 2025

**Symptom/Vehicle Issue:** Perceived Oil Leak From The Rear Of The Engine

**Discussion:** Some customers may experience what appears to be an oil leak coming from the rear of the engine. This condition may appear on vehicles with relatively low mileage and may also be noticed while performing other repairs of the vehicle. The oil leak may appear to be originating from the rear main seal or rear of the oil pan.

The source of the perceived leak may be due to excessive rust preventative treatment being applied to the transmission flexplate during engine assembly. This excessive rust preventative may pool up in the transmission bell housing and transmission adapter housing making it appear that the engine has an active oil leak. Please refer to (Figures 1&2).

**NOTE:** The rust preventative treatment does not contain dye and will not illuminate under a black light.

**NOTE:** Engine oil from the factory does contain leak detection dye and will illuminate under a black light.

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, eCONTACT or Service Library entry if no solution is found.**



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Figure 1.



Figure 2.

When diagnosing any concern of a possible oil leak from the rear of the engine, ensure that all excess rust preventative is thoroughly cleaned from this area and inspect for any additional leaks before replacing any parts. Be sure to use a suitable black light to determine if the fluid being seen is either rust preventative or oil.

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