STAR On-Line Case

Case Number: S1709000010 Rev. B

Release Date: March 2022

Symptom/Vehicle Issue: Customer complaints may include abnormal engine noise, rough idle, lack of power, misfire. Upon investigation, it may be found that there is excessive camshaft lobe wear/lifter wear (roller failure) on one or more cam lobes and that camshaft/lifter replacement is necessary.

Diagnosis: If excessive camshaft lobe wear/lifter wear (roller failure) has been identified, further inspection should be performed before attempting repair. Removal of the Oil Control Valve (OCV) for the Variable Valve Timing (VVT) system should be performed to inspect for debris.

Repair Procedure: Remove the OCV per the service procedure found in TechCONNECT and inspect the screens for metal debris. If no debris is found (Pic 1), continue with camshaft and lifter replacement.

Pic 1

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Center 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 ECCI or eCONTACT ticket if no solution is found

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If debris is found (Pic 2), engine replacement is required. Note: Warranty Pre-Authorization requirements may apply.

Pic 2

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