

Subject		Market	
Engine Metallic Knocking Noise		USA	
Service Category	Section		
Engine/Hybrid System	Engine Mechanical		
Applicability			
2017-2020MY 86			
2022-2024MY 86			

APPLICABLE VEHICLES

2017-2020, 2022-2024

86

CONDITION

Some 2017-2020MY and 2022-2024MY 86 vehicles may experience metallic knocking noise from the engine at all speeds. Should this condition occur, please contact TAS and your FTS to document repair information.

RECOMMENDATIONS

Please create a TAS case and contact TAS for instruction prior to diagnosing or repairing of the vehicle. **Prior to engine disassembly, please confirm the Engine Serial Number from the engine itself with your FTS.** If it is a weekend or a holiday, continue with diagnosis and repair. Please save all parts and/or details and contact TAS on the next available workday.

Prior to contacting TAS, confirm/attach the following to the case:

1. Vehicle modifications made to the vehicle. Please provide pictures of modifications.
2. If the oil filter is OEM or aftermarket.
3. If the tires are original or aftermarket. If tires show evidence of track usage or have wear, please provide pictures.
4. Diagnostic scan tool information. With GTS+, please include a full health check and Vehicle Control History (RoB).
5. The oil level found on the oil dipstick. Please specify if the oil mark is not visible, within the low and full dot, or above the full dot.
6. The oil brand, type, and viscosity. For example, Mobil 1 Full Synthetic 0W-20.
7. Vehicle's standard environment and usage. At the minimum, please include details on the road type the customer drives (highway, city, circuit, hill-climbing).
8. Situation where the failure occurred. At the minimum, please include details on the road type the customer was driving (highway, city, circuit, hill-climbing), elapsed time from engine start, and vehicle speed. If possible, please specify if problem occurred during acceleration, deceleration, constant speed, or standstill.

LINK REFERENCES

This Tech Tip does not contain any link references