



STAR ONLINE PUBLICATION



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Symptom/Vehicle Issue: Humming/Buzzing Noise From Under The Hood With The Key Off.

Discussion: You may receive a vehicle with a complaint of a humming, buzzing, or rapid clicking noise that can be heard from under the hood. This noise typically happens right after the key has been turned off, and can last up to 3 minutes. Upon further investigation, the noise may appear to be coming from the Fuel Quantity Solenoid (FQS) on the Fuel Injection Pump. You may also hear the in-tank fuel pump running during this period.

If you encounter a vehicle with this condition, do not attempt any repairs. This is a normal characteristic. After the ignition is turned off, the Powertrain Control Module (PCM) will remain active for up to 3 minutes. During this time, the PCM is performing certain diagnostics on the fuel system which require the actuation of the FQS, and continued running of the in-tank fuel pump. In addition, this prolonged actuation after key off ensures a proper fuel priming sequence after a fuel filter replacement.

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 or eCONTACT ticket if no solution is found