



STAR ONLINE PUBLICATION



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Symptom/Vehicle Issue: Vehicle Cranks But Does Not Start Additional Diagnostics.

NOTE: Please be sure to follow all published Service Information for a crank/no start condition along with the inspections called out in this document.

Discussion: When diagnosing a 3.0L diesel engine for a crank/no start concern, it is important to follow all published service information to verify both the proper operation of the fuel system, and internal engine mechanical condition.

In addition to engine mechanical checks like compression/leakdown, and verifying valve timing, you will also want to inspect for possible broken camshafts. Please see (Figure 1.). A broken camshaft can lead to rocker arm breakage as well as low compression for those cylinders which will lead to a crank/no start condition.



Figure 1.

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