



STAR ONLINE PUBLICATION



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Symptom/Vehicle Issue: MIL-On, Engine Runs Rough

Models Affected: 2026 Jeep Grand Cherokee (WL)

Customer Complaint/Technician Observation: Customer's complaint may include a MIL-on condition. They may also experience a rough running engine. Upon further inspection, the technician may find Diagnostic Trouble Codes (DTCs) for one or more of the following issues:

- P0300-Multiple Cylinder Misfire
- P0301-Cylinder 1 Misfire
- P0302-Cylinder 2 Misfire
- P0303-Cylinder 3 Misfire
- P0304-Cylinder 4 Misfire

Discussion: Published diagnostics for the above DTCs should be performed as necessary for any DTCs set in the Powertrain Control Module (PCM). There are circumstances where spark plug damage can cause cylinder misfire and subsequent engine failure. Engineering is currently investigating conditions where spark plug damage may occur. Additional information will be provided when investigations have concluded.

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