



V8 XJ Series/XK8

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SERVICE

TECHNICAL BULLETIN

Drivability Concerns After Repair –
Resetting ECM Adaptation

MODEL

1997 MY-ON XK8 Range
1998 MY-ON V8 XJ Series

VIN

001001-ON
812256-ON**Issue:**

After repairing an engine management problem, the vehicle may still not run properly because the ECM strategy has adapted to an extreme rich or lean limit while attempting to compensate for the previous problem. This bulletin outlines a procedure for resetting the ECM adaptation to a base setting.

Action:ENGINE CONTROL MODULE (ECM) ADAPTATION

To expedite the adaptive learning process for some functions of the ECM, perform the following procedure:

⚠ Warning: Perform this procedure with the vehicle on a firm surface (not on a lift) after ensuring that no danger exists to surrounding personnel or property.

⚠ Caution: Do not exceed the engine speeds and time durations listed below.

1. Apply the parking brake, and allow the engine to reach normal operating temperature with the selector lever in P.
2. Press the A/C button to turn the climate control off.
3. Apply the service brakes, and move the transmission selector lever to D. Perform steps 4-7 with the brakes applied and the transmission selector lever in D.
4. Allow the engine to idle for an additional 2 minutes.
5. Gradually raise the engine speed to 950 RPM. Hold this speed for 45 seconds.
6. Raise the engine speed to 1200 RPM. Hold this speed for 45 seconds.
7. Raise the engine speed to 1500 RPM. Hold this speed for 30 seconds.
8. Allow the engine to return to idle. Move the selector lever to P and allow the engine to idle for 2 minutes to cool the transmission fluid. Switch off the engine.

Warranty Information:

Control modules damaged as a result of improper handling and/or failure to disconnect the battery during repairs are not covered under warranty.