



SUBJECT**GM6 - 6L45R: Diagnostic Procedure for Shudder or Vibration Issues****MODEL**

E82

E83

E88

E90

E91

E92

E93

With the GM6 Automatic Transmission

SITUATION

A shudder or vibration can be felt under light acceleration or when driving at constant suburban speeds. This can be most noticeable in the 1700 – 2200 engine rpm range while in 3rd through 6th gears.

No faults are stored in the EGS module.

CAUSE

Changes in the frictional properties of the automatic transmission fluid over time can lead to momentary slipping of the torque convertor lock-up clutch.

PROCEDURE

Refer to diagnostic hints from [SI B24 23 07](#) and drive the vehicle in order to reproduce and verify the problem.

The troubleshooting steps listed in the GM6 Shudder diagnosis attachment will help to identify the cause and proper repair recommendation.

WARRANTY INFORMATION

Information only

ATTACHMENTS

View PDF attachment [B240413 GM6 Shudder Diagnosis](#).