



Technical Bulletin # 1220

Transmission: 6F50

Subject: DTCs P0715, P0717, P0718, P0720, P0721, P0722

Application: Ford, Lincoln, Mercury

Issue Date: December, 2008

6F50

(DTCs) P0715, P0717, P0718, P0720, P0721, P0722 and/or Harsh Engagements, No Upshift, Fifth Gear Only

Output Shaft Speed (OSS) sensor or Turbine Shaft Speed (TSS) sensor diagnostic trouble code(s) (DTCs) P0715, P0717, P0718, P0720, P0721, P0722 and/or harsh engagements, no upshift, fifth gear only, could have an intermittent short in the OSS or TSS sensor.

1. If any DTCs related to OSS or TSS are present, check the transaxle build date
 - a. If the build date is before 10/21/2007 go to Step 2.
 - b. If vehicle transaxle is built on or after 10/21/2007 follow normal Diagnosis and Testing.
2. The TSS sensor is located in the end cover assembly. The OSS sensor is located inside the transaxle under the valve body. Both sensor connectors are plugged into the solenoid body. Both sensor connectors look the same but are wired differently.

**TSS is located
on the end cover**



**OSS is located
under the VB**





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on the end cover**

**OSS is located
under the VB**

