



# *Technical Advisory Bulletin*

# Ford

## CD4E ENGINE STALLING ON ENGAGEMENT/STOPPING

**Manufacturer:** Ford

**Subject:** CD4E - Engine Stalling on Engagement/Stopping

**Model:** 2005-2008 Ford Escape  
2005-2008 Mercury Mariner

### **Issue**

Some 2005-2008 Escape and Mariner vehicles equipped with a CD4E automatic transaxle and built from 8/1/2004 through 2/15/2007 may exhibit an engine stall when coming to a stop or when engaging the transmission into drive or reverse. This condition may be intermittent and often occurs after extended drives. There may be no diagnostic trouble codes (DTCs) stored. This may be caused by internal wear in the torque converter which prevents it from unlocking.

### **Action**

1. Inspect and repair all non transaxle codes.
2. Use your scanner to monitor the TCC Slip Parameter as the stall is occurring.
  - a) If the slip is greater than 20 RPM, the stalling is not transaxle related.
  - b) If the slip is less than 20 RPM with the transmission in park or neutral, torque converter internal failure is the most likely cause.
3. Remove the transaxle assembly and check the rotation of the torque converter in the bell housing. A failed converter will be difficult to rotate.
4. Remove the torque converter, drain the automatic transmission fluid (ATF) and refill the CD4E transmission assembly using MERCON®V ATF.
5. Install a new torque converter (Ford # 8L8Z-7902-A) and reinstall the transaxle assembly.
6. Back flush the transmission cooler system.