

# 2010-UP

## BUICK REGAL (G BODY – RPO MDK)

### DELAYED ENGAGEMENT

Late model Buick customers may at times experience delayed engagement in forward and reverse. The transmission will engage when the RPMs reach 1200 – 1500 at which point a harsh engagement or bump may be experienced. Most times no codes will be stored, although a PO69E (fuel pump module) or a PO18B/PO18D (fuel pressure sensor) may be stored in the engine diagnostic system.

This condition may be caused by a low fuel volume or pressure condition which creates erratic or low engine base idle. When the transmission TCM detects a stall or near stall condition such as low fuel level with the transmission in drive or reverse, the TCM will command the “Engine Stall Avoidance Mode” in the transmission software, which commands the C1 and C3 clutches off.

Simply running the vehicle out or extremely low on fuel can cause this condition!

Use the following procedure to allow the TCM to “self check” and reset itself:

1. Confirm that all stored DTC’s are cleared in all control modules
2. Confirm that the low fuel light is off
3. Transmission fluid temp needs to be 77 degrees or greater
4. Shift the gear selector from Park to Drive and wait 10 seconds
5. Lightly accelerate between 1200 – 1500 RPM’s and hold for 5-10 seconds
6. Lightly apply the brakes
7. Repeat the steps above until the transmission response is normal. (most times the condition is cleared in 2 or 3 of the above drive cycles).



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