



# Service Bulletin

## PRELIMINARY INFORMATION

**Subject:** Steering Gear Replacement And Reprogram Update For NJ2 RPO

**Models:** 2013 Buick LaCrosse  
with Electronic Power Steering (RPO NJ2)

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

### Condition/Concern

Some Technicians are finding difficulties programming/reprogramming the Electronic Power Steering Control Module after replacement of the steering gear. The most common issue is a DTC C056E (symptom 42): Electronic Control Unit Software - Calibration Not Programmed.

The current SPS calibrations (being updated soon) have incomplete utility files to set up the NJ2 steering gear.

### Recommendation/Instructions

Contact Techline Customer Support Center (TCSC) at 1-800-828-6860 and reprogram the Electronic Power Steering Control Module with supplied VCI number

**Note:** For vehicles built early in the model year, additional steps may be required to effectively program.

For vehicles built on or before August 21, 2012 (VIN 1G4GC5E34DF147684 and below) a short Engine Run step is required.

Step 1 – Plug into ALDL

Step 2 – Turn Vehicle “on” and let the engine run for aprox 2-3 seconds

Step 3 – Turn vehicle off (Don’t let bus go to sleep and go right to step 4)

Step 4 – Press start button on vehicle and hold for 5 seconds to get vehicle into Key On, Engine Off mode.

Step 5 – Program the vehicle with SPS

For all other vehicles, this standard sequence can be used:

Step 1 – Plug into ALDL

Step 2 – Press start button on vehicle and hold for 5 seconds to get vehicle into Key On, Engine Off mode

Step 3 – Program the vehicle with SPS

### Warranty Information

For vehicles repaired under warranty use:

| Labor Operation | Description                             | Labor Time               |
|-----------------|---|--------------------------|
| E9740           | Steering Gear Replacement and Reprogram | Use Published Labor Time |

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that

your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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