#### SB-10044235-2378



File in Section: -

Bulletin No.: PIC5598D Date: April, 2012

# **PRELIMINARY INFORMATION**

- Subject: Guidelines For NJ1 Power Steering Powerpack (Module) Replacement And Parts Restriction Instructions
- Models: 2011 2012 Chevrolet Cruze 2010 - 2012 Chevrolet Equinox 2011 - 2012 Chevrolet Volt 2010 - 2012 Buick LaCrosse 2011 - 2012 Buick Regal 2012 Buick Verano 2010 - 2012 GMC Terrain 2013 Chevrolet Malibu Eco

Service Bulletin

### This PI was superseded to update part numbers. Please discard PIC5598C.

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

#### **Condition/Concern:**

Condition: A technician may question if he should replace an Electronic Power Steering Gear Assembly or Powerpack (Module) Only. The following Powerpack (module) part numbers 13286690, 13365402, 13394025 and 19117588 and Steering Gear Assembly 13366875 are on restriction through the GM TAC (Technical Assistance Center). If there is no High Speed LAN Communication or Data cannot be accessed with GDS2 a New Power Steering Gear Assembly will be needed.

## **Recommendation/Instructions:**

The following DTC's are the only reason it would be necessary to replace an NJ1 Powerpack (Module).

C0475\_00 – Electric Power Steering Motor Circuit Fault

C056E\_46 - Unrecoverable Software

For other DTC's please review the latest version of PIT5063A for additional diagnostic tips.

Note: These codes indicate that the Powerpack (Module) should be replaced.

If it is necessary to replace the Powerpack (Module) check the white tag on the black plastic cover of the Powerpack that will have a 4 digit code 1 letter followed by 3 numbers.(example E103) This code is necessary to order correct replacement part. Contact General Motors Technical Assistance to confirm diagnosis and order a new Powerpack (Module). One of the part numbers listed below will be needed.

E103 - 13366875 (Gear Assembly, Motor kit no longer available)

E103 - 13286690

E121 - 13365402

E131 - 13394025

V102 - 19117588



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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.