



Service Bulletin

PRELIMINARY INFORMATION

Subject: (EREV) MIL DTC P0797 Set In The TCM Diagnostic Tips

Models: 2011-2014 Chevrolet Volt

2012-2014 Opel Ampera

This PI was superseded to update model list. Please discard PIP5000A.

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

Condition/Concern

Customers may comment the Check Engine Light comes on but the vehicle seems to function normally. Technicians may find DTCs P0700 stored in the ECM and a P0797 stored in the TCM. Technicians may not be able to duplicate or repeat the concern.

Recommendation/Instructions

Attempt to duplicate the condition by shifting between drive and neutral several times, also drive the vehicle under conditions to shift between Drive Series Mode Engine Off and Drive Output Split Engine Off (reference SI document #2425062) the speed range for this shift is about 52 mph (83 kph). This will force the CB1-2R Clutch (C1) on and off repeatedly and cycle the valve body.

If the DTC resets during the testing follow published SI diagnostics by inspecting the valve body and testing the Q8 control solenoid valve assembly.

If the DTC does not reset the vehicle can be released back to the customer.

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.



WE SUPPORT VOLUNTARY TECHNICIAN CERTIFICATION