



Preliminary Information

PIP5320E (EREV2) Drive Motor Generator Control Module (PIM) Part Restriction

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Volt	2016 - 2018	ALL	ALL	ALL	ALL
Chevrolet	Malibu	2016 - 2018	ALL	ALL	ALL	ALL

Supersession Statement

This PI was superseded to update Model years. Please discard PIP5320D

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

Condition / Concern

As part of our ongoing quality improvement process, effective August 1st, 2015 the (Drive Motor Generator Control Module, also known as PIM) for the EREV, part number 24275450 and 24286539 is being placed on restriction through the GM TAC (Technical Assistance Center).

Note: If the part is being ordered for a non-warrantable concern (i.e. collision, theft, fire..etc) proceed directly to step 5 below (Valid VIN and proof of ownership required).

Recommendations / Instructions

1) Please have a Volt technician follow the procedures below prior to contacting TAC.

IMPORTANT Note: Do NOT erase DTC's in any of the modules (Especially on intermittent concerns.) and do NOT attempt to reprogram software!

2) Check and record all diagnostic codes in all modules on the vehicle.

3) Be sure to record what module the DTC came from and any symptom codes associated with the DTCs (see latest version of bulletin [07-07-30-010A](#) for snapshot information).

4) If DTC's are set in any of the modules below, please save the captured data for later use.

Engine Control Module

Hybrid Control Module

Hybrid Control Module 2

Motor Control Module 1 & 2

Transmission Control Module

Auxiliary Transmission Fluid Pump Control Module.

5) Once the above information has been obtained, please review all P.I and TSB information and all available S.I. diagnostics.

6) If diagnostics lead to PIM replacement, contact TAC @ 877-446-8227 (U.S.) or in Canada 1-800-263-7740 (English) or 1-800-263-7960 (French) to review case details. Please have as much stored DTC and snapshot information as possible prior to contacting TAC.

7) After reviewing the diagnosis, if component replacement is needed, TAC will arrange for ordering of the new component and request that it be shipped overnight.

NOTE: After reviewing the diagnosis, if component replacement is needed, GM Goodwrench TAC will arrange for ordering of the part(s). When this occurs, record the last 9 digits of the TAC case # to be used by the parts department (in conjunction with the part #) as the CONTROL NUMBER to track shipment of the part. It is not necessary to call TAC for part tracking information.

If TAC releases the PIM you will May also need to order the parts below to install the Drive Motor Generator Control Module

Please note that the Bolts are Ship Direct Parts.

Please Check Service Information for the Lasted on parts needed for install.

PART Name listed in SI	QTY	Part #
Drive Motor Power Inverter Module Fluid Seal	1	24268185

Transmission Mount Bolt, Body Side		11589275
Transmission Mount Bolt, Transmission Side	3	11547918
Drive Motor Power Inverter Module Electrical Connector Seal As Needed This is Reusable	1	24265629
Drive Motor Power Inverter Module Cover Gasket As Needed This is Reusable	1	24264439

Parts Information

Model Year	Part Number	Description	Qty
2016-2017	24275450 FSU 24286539	T6 Power Inverter Module	1

Warranty Information

For vehicles repaired under warranty use:

Labor Operation	Description	Labor Time
8464700	Drive Motor Generator Power Inverter Module Replacement	Use Published Labor Operation 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.



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