



## Preliminary Information

### PIC6240D Bolt EV (BEV2) 1ET25 Drive Unit and Component Restriction

#### Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Bolt EV	2017 - 2019	All	All	All	All

Involved Region or Country	North America
Additional Options (RPO)	MMF
Condition	As part of our ongoing quality improvement process, the 2017 Chevrolet Bolt EV 1ET25 Drive Unit and components will remain on restriction through the GM Technical Assistance Center (TAC)
Cause	TAC and engineering will be reviewing

#### Correction:

The 2017 Model Year Bolt EV 1ET25 Drive Unit and component restriction program will be administered by the GM Technical Assistance Center (TAC). The servicing technician must provide detailed customer comments, conditions, diagnostic trouble codes (DTCs) and other useful information.

TAC Telephone Number US (877) 446-8227     - EV or Hybrid prompt Canada English - (800) 263-7740     or French - (800) 263-7960    

**CAUTION: Always perform the High Voltage Disabling procedure prior to servicing any High Voltage component or connection. Personal Protection Equipment (PPE) and proper procedures must be followed.**

The High Voltage Disabling procedure will perform the following tasks:

1. Identify how to disable high voltage.
2. Identify how to test for the presence of high voltage.
3. Identify conditions under which high voltage is always present and Personal Protection Equipment (PPE) and proper procedures must be followed.

**IMPORTANT: If vehicle damage does not allow access to the high voltage manual disconnect, first disconnect the 12V battery and remove the damaged portion of the vehicle until such time as the HV manual disconnect can be removed and the High Voltage Disabling procedure can be completed.**

1. Perform the high voltage disable procedure at the drive motor generator control module assembly or cable connections. Refer to High Voltage Disabling in SI.
2. Perform the high voltage enable procedure when the Drive Unit is installed and ready to be test driven.

## **SHIPPING PREPARATION**

1. Remove the drain plug and drain the Drive Unit fluid. Reinstall the drain plug.
2. Remove the Drive Unit from the vehicle as outlined in Drive Unit Replacement in SI.
3. Tighten any fasteners that were loosened or removed during Drive Unit removal to the original torque specification.
4. Remove any plastic shipping plugs or covers from the new unit and install them on the Drive Unit to be returned.
5. If the Drive Unit leaks, mark the leak area directly on the Drive Unit with a permanent marker.
6. Write the TAC case reference number on the repair order.
7. Write the TAC case reference number on the Drive Unit in a visible location.
8. Place the Drive Unit core into the shipping container and attach the completed return shipping tag to the Drive Unit

### Parts Information

Description	Part Number	QTY
T12 Transmission	25199230 FSU 25199842	1
Drive motor Housing	25199093	1
Input Bearing Shim	25194737	1
Input shaft Shim	25195632	1
Drive Motor Stator	24283675	1
Drive motor Rotor	25198295, 25198541	1
Drive Motor Power Cable	24283021, 24285503	1
Cover A/Trans Case	25198568	1
RH Output Shaft	25196390	1
Differential	25198543, 25199216	1
Main Shaft	25199215 changes to 25199341	1
LH Output Shaft	25196389	1
B228 Drive Motor Position Sensor	24268699	1
Automatic Transmission Control Wiring Harness Removal - Transmission Case Cover	25196479	1
Detent Spring	25198102	1
Automatic Transmission Control Wiring Harness - Transmission Case	25197569	1
Park Pawl Spring	25194510	1
Park Pawl Shaft	25198097	1
B15 Transmission Internal Mode Switch	24254903	1
G5 Transmission Fluid Pump - Electric/Auxiliary	25198743	1

### Warranty Information

Labor Operation	Description	Labor Time
8464670	Transmission Replacement	Use Published Labor Operation Time

### Version History

Version	5
Modified	01/09/17 - Created on 01/11/2017 - Updated parts list 04/18/2018 Updated parts and model years 07/10/2018 Updated part numbers 10/02/2018 Added model year 2019



GENERAL MOTORS

© 2018 General Motors. All Rights Reserved.