



Service Bulletin

File in Section: -

Bulletin No.: PIP5081B

Date: May, 2013

PRELIMINARY INFORMATION

Subject: (EREV) Whine, Scrape, Whistle Type Noise While Driving DTC: P0A46

Models: 2011-2013 Chevrolet Volt

This PI was superseded to add photos and update admin details. Please discard PIP5081A.

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

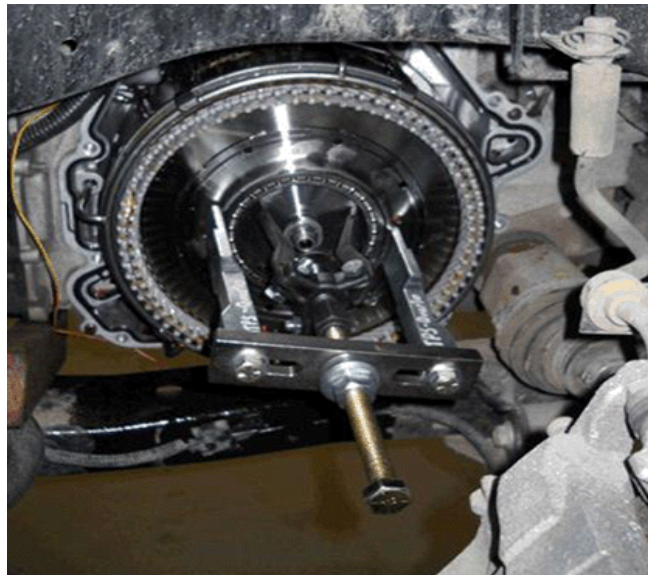
Condition/Concern

Some customers may comment on a whistle, scrape or whine type noise while driving that may be more noticeable during regenerative braking. Technicians may find this noise emanating from the left side of the drive unit (transmission). The tech may also state that the vehicle has a current or history code P0A46.

Recommendation/Instructions

This noise may be caused by a separated electric drive motor B rotor bearing cage. A revised bearing has been released for installation into the drive unit. It is not necessary to remove the drive unit or motor for this repair. Follow SI (Document ID 2838728) on vehicle service, drive motor rotor bearing replacement procedure. During repairs inspect the end cover for any abnormal bushing wear, if found the side cover will also require replacement, however if no abnormal wear is found the cover can be reinstalled.

Please ensure that the Special Tools DT-47865 - Bearing Remover and J-45124 - Removal Bridge are used to remove bearing.



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To install bearing use Special Tools DT-22928-B Seal Installer per SI, as damage may occur if the proper tools are not utilized.



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Important: If the vehicle is 2013 vehicle build after September 1st , 2012, stop and call TAC for instructions on how to repair.

If this vehicle was previously repaired with the new bearing and the noise returned, contact TAC for diagnosis and repair instructions.

Parts Information

| Model Year | Part Number | Description | Qty |
|------------|-------------|---------------------------|-----|
| 2011-2013 | 24259842 | Drive Motor Rotor Bearing | 1 |

Warranty Information

For vehicles repaired under warranty use:

| Labor Operation | Description | Labor Time |
|-----------------|---------------------------------------|------------------------------------|
| K6951 | Drive Motor Rotor Bearing 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.