



Service Bulletin

File in Section: -

Bulletin No.: PIP5081A

Date: April, 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This PI was superseded to add diagnostic code P0A46. Please discard PIP5081.

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 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.

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.