



# Service Bulletin

File in Section: -

Bulletin No.: PIC5423A

Date: September, 2012

## PRELIMINARY INFORMATION

**Subject:** Additional Information On Bleeding The Brakes

**Models:** 2011 - 2013 Chevrolet Volt

**This PI was superseded to update model and model years. Please discard PIC5423.**

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

### Condition/Concern:

The following is some additional steps that are needed to help perform a successful brake bleed on the Chevy Volt. The Chevy Volt braking system is unlike most traditional hydraulic brake systems. It is very important for proper brake system performance to follow the brake bleeding procedure exactly. Air trapped in the brake system will cause performance problems and DTCs without the symptoms of a spongy or low brake pedal. If you miss a step in the brake bleed procedure, you must start over at step 1 without exception.

### Recommendation/Instructions:

1. Install a battery charger on the vehicle to maintain battery voltage.
2. Use a pressure bleeder that is capable of delivering 30 psi for the entire bleed procedure. Failure to provide a constant 30 psi will cause air to be trapped in the brake system and may cause brake performance problems or DTCs to occur. Tool J-29532-A has been tested extensively on this application and has proven to provide the necessary pressure and volume of brake fluid. Vacuum bleeding and other brake bleeding tools are NOT acceptable for this procedure.

**Note:** The dealership must use a J-29532-A pressure bleeder or a diaphragm type (ball bleeder) pressure bleeder along with the J 35589-A Brake Pressure Bleeder Adapter in order to perform the hybrid brake system bleed procedure. A replacement J-29532-A can be ordered from 1-800-GM-TOOLS.

3. Please don't attempt to use the manual bleed procedure as this will not properly bleed all the air from the system.

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.