



# Service Bulletin

## PRELIMINARY INFORMATION

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

**Models:** 2011-2014 Chevrolet Volt  
2014 Cadillac ELR

*This PI was superseded to update models and model years. Please discard PIC5432A.*

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 or the Cadillac ELR.

The 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 J35589-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.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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