



# Service Bulletin

## PRELIMINARY INFORMATION

**Subject:** **Spongy Brake Pedal After Hydraulic Brake Component Disconnect Or Replacement - Air Trapped In System**

**Models:** **2006 - 2013 Chevrolet Impala**  
**2006 - 2007 Chevrolet Monte Carlo**

*This PI was superseded to update model years. Please discard PIC5468A.*

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

### Condition/Concern

Some technicians may find that it is difficult to remove all the air from the brake system after a hydraulic component disconnect or replacement.

### Recommendation/Instructions

The brake lines between the master cylinder and the ABS module are routed higher than the master cylinder reservoir. If air gets into these lines due to a component disconnected or replacement, it will rise to the high point in the lines. Extra steps must be taken to purge all of the air from the lines.

This information is available in Service Information but because brake bleeding is a routine process not all technicians are finding it.

Use of a GM recommended pressure bleeder to bleed the brakes is required in most circumstances.

Carefully loosen the fittings on the lines between the master cylinder and the BPMV just enough to be able to rotate the lines temporarily below the fluid level of the reservoir, then tighten the fittings.

There is a flexible portion in each of these lines, which makes repositioning possible.

Perform the bleed procedure. During this time, you will bleed the left front/right rear diagonal pair of wheel cylinders, then the right front/left rear diagonal pair of wheel cylinders. This increases fluid flow to assist in purging air from the lines.

When the bleed procedure is complete, carefully loosen the fittings on the lines repositioned earlier.

**Important:** Loosen the fittings just enough to allow the lines to move, not enough to allow air to enter then move the lines back to their original positions and retorque the fittings.

### Warranty Information

For vehicles repaired under warranty use:

Labor Operation	Description	Labor Time
H0700	Hydraulic Brake System Bleeding	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.

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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