File in Section: -
Bulletin No.: PIC5468A
Date: December, 2011

Service Bulletin

PRELIMINARY INFORMATION

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

Models: **2006 - 2012 Chevrolet Impala**
2006 - 2007 Chevrolet Monte Carlo

This PI was superseded to update recommended field along with model and model years. Please discard PIC5468.

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.

Move them back to their original positions and retighten.

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.