



# Service Bulletin

File in Section: -

Bulletin No.: PI0785B

Date: May, 2013

## PRELIMINARY INFORMATION

**Subject:** DTC C027B, Low Brake Pedal Feel After Master Cylinder Repairs

**Models:** 2009-2014 Buick Enclave  
2010-2012 Buick LaCrosse  
2011-2014 Buick Regal  
2012-2014 Buick Verano  
2013-2014 Buick Encore  
2009-2014 Cadillac CTS, SRX  
2013-2014 Cadillac ATS, XTS  
2009-2012 Chevrolet Colorado  
2009-2014 Chevrolet Corvette, Impala, Malibu, Traverse  
2010-2014 Chevrolet Camaro, Equinox  
2011-2014 Chevrolet Cruze  
2012 Chevrolet Captiva Sport  
2012-2014 Chevrolet Sonic  
2013-2014 Chevrolet Spark  
2009-2012 GMC Canyon  
2009-2014 GMC Acadia  
2010-2014 GMC Terrain

This PI is being revised to add the 2014 model year, include Encore model and update the Parts and Warranty Information. Please discard PI0785A.

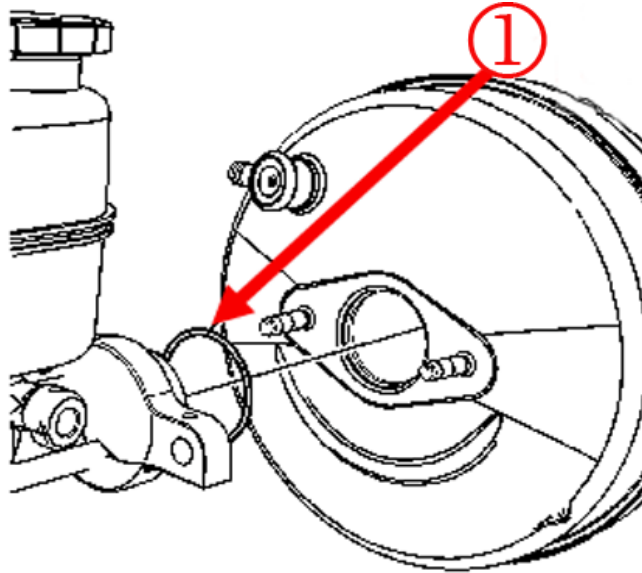
The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

### Condition/Concern

Some customers may comment on a low brake pedal during brake pedal apply. During diagnosis, a DTC C027B may be found stored in the EBCM. This concern may have started after the master cylinder was unbolted from the brake booster for any reason.

This may be caused by a small vacuum leak between the master cylinder and the brake booster. There is an O-ring between the master cylinder and the brake booster that may have fallen off during the prior repairs.

## Recommendation/Instructions



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Inspect for the O-ring (1) between the master cylinder and the brake booster before performing any other diagnostics for the low brake pedal or the DTC C027B. Replace the O-ring if missing or damaged.

**Tip:** Exhaust the booster vacuum by either pumping the brake pedal or pulling the check valve out prior to removing the master cylinder. The suction may be helping to dislodge the O-ring when pulling the master cylinder out.

## Parts Information

Refer to the Parts Catalog for the appropriate part number and availability. In some cases the brake master cylinder O-ring seal may not be serviceable separately.

## Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
2480008*	Replacing the Brake Master Cylinder O-ring Seal	0.3 hr
2440100**	Master Cylinder Replacement	Use Published Labor Operation Time

\*This is a unique labor operation for bulletin use only. It will not be published in the Labor Time Guide.

\*\* Vehicles that come without O-ring seal separate from master cylinder.