



Service Bulletin

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.

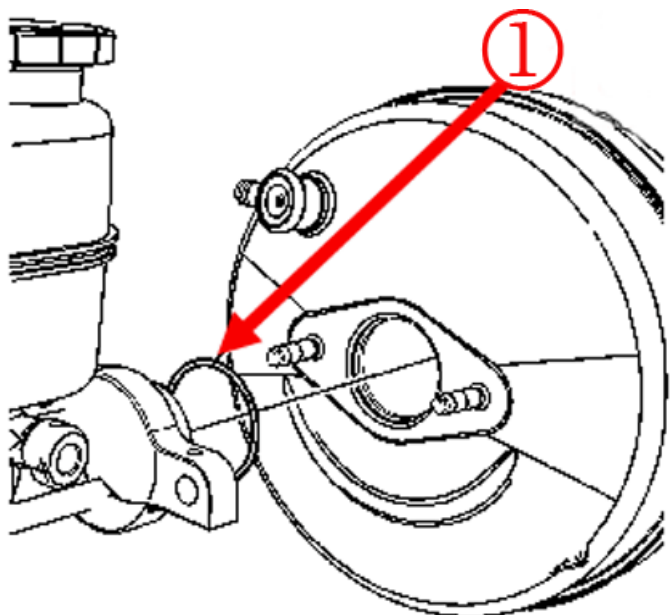
The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

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



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 It will not be published in the Labor Time Guide.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.

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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