



Service Bulletin

INFORMATION

Subject: Hard Brake Pedal On Cold Start Up With Possible Service Brake Assist Message

Models: 2016 Chevrolet Impala (VIN1) RPO's LFR/LFX
2016 Buick Lacrosse RPO's LFX,LUK
2016 Buick Regal RPO's LEA/LUK
2016 Cadillac XTS RPO's LFX/LF3 non-professional (limo/hearse)
Built between Feb. 19th- March 22nd, 2016

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

Condition/Concern

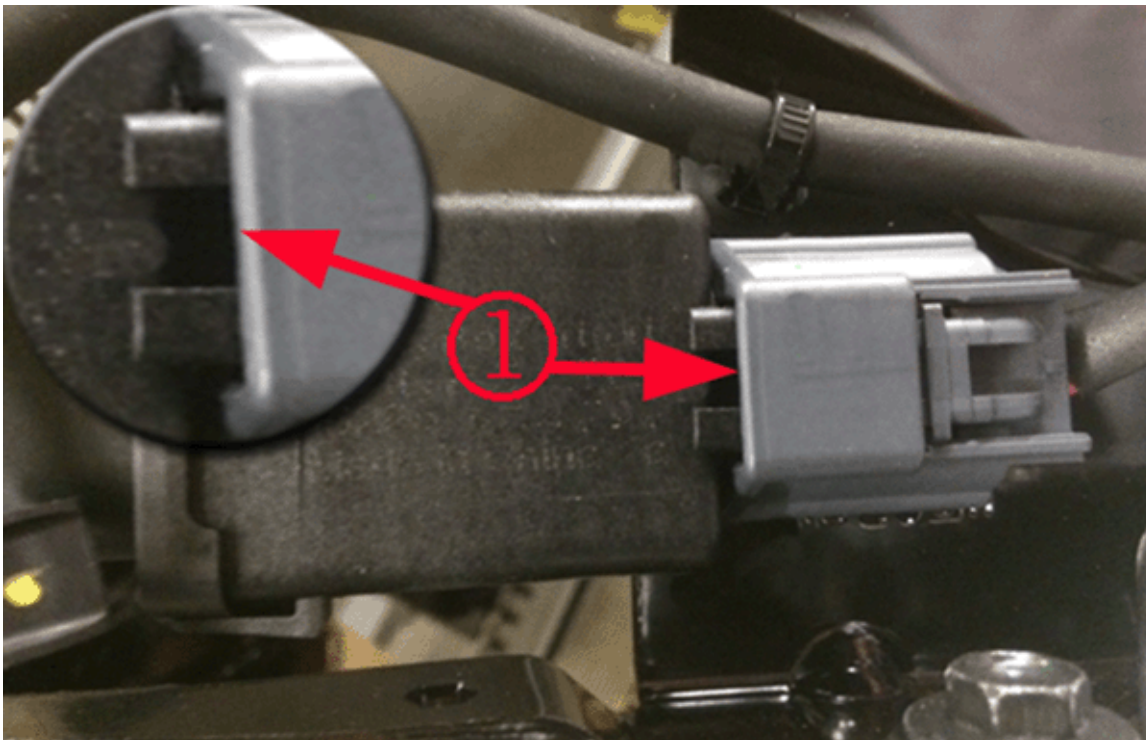
Some customers may comment on a hard brake pedal on a cold start up and/or a service brake assist message.

Upon diagnosis a technician may find codes C027B or P050F set in the EBCM.

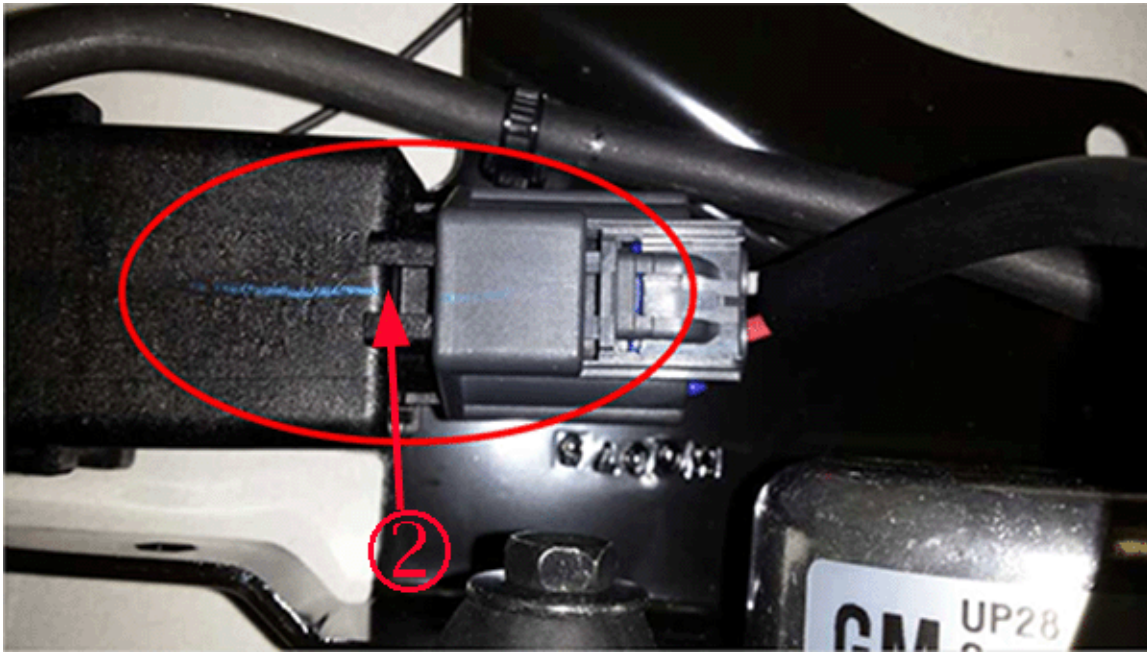
On some vehicles the connector at the KR14 Brake Booster Pump Motor Relay was not fully seated during installation.

Recommendation/Instructions

Inspect for the connector at the KR14 Brake Booster Pump Relay not being fully seated.



View of connector fully seated above showing expanded view of connector on the left.



View of connector not fully seated.

Note that the Brake Booster Pump Relay is incorporated into the Brake Booster Pump Motor.

If the connector is not fully seated press the connector fully into the cavity.

After seating the connector deplete brake booster vacuum by depressing the brake pedal several times with the engine off and then restart the engine and confirm that the brake booster pump runs and there is normal function of the brake pedal.

If on inspection it is found that the connector is fully seated or if the concern is not resolved after seating the connector follow SI diagnostics.

Warranty Information

For vehicles repaired under warranty use:

Labor Operation	Description	Labor Time
5430922	Connector Reconnection	0.5

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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