



Service Bulletin

File in Section: -

Bulletin No.: 16-NA-147

Date: January, 2018

TECHNICAL

Subject: Brake Pedal Squeak Noise Heard When Applying and Releasing Brake Pedal/Cruise Control Inoperative or Disengaged

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Volt	2016	2017				

Involved Region or Country	North America and Korea
Condition	Some customers may comment on a brake pedal squeak noise heard when applying and releasing the brake pedal and/or may comment while driving the cruise control may disengage or is inoperative.
Cause	This condition may be caused by the brake pedal push rod retainer material and/or the brake pedal push rod retainer too loose in the brake pedal socket.

Correction

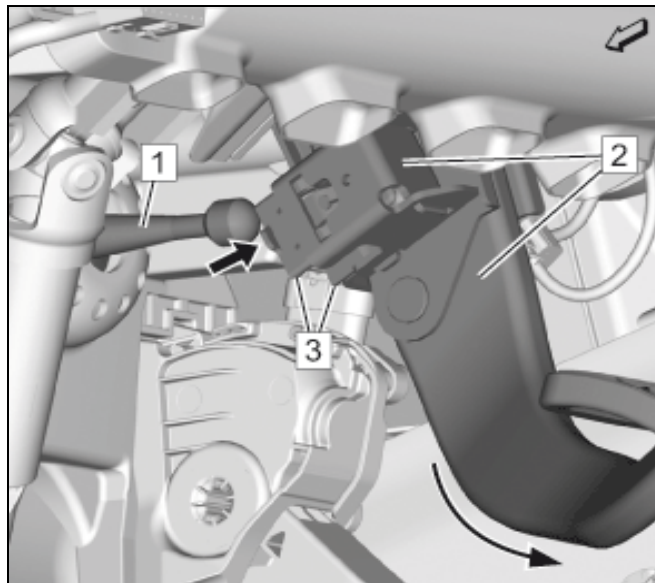
Replace the brake pedal push rod retainer with the new design part following the Service Procedure listed below.

Service Procedure

1. Loosen both bolts at the power brake booster.

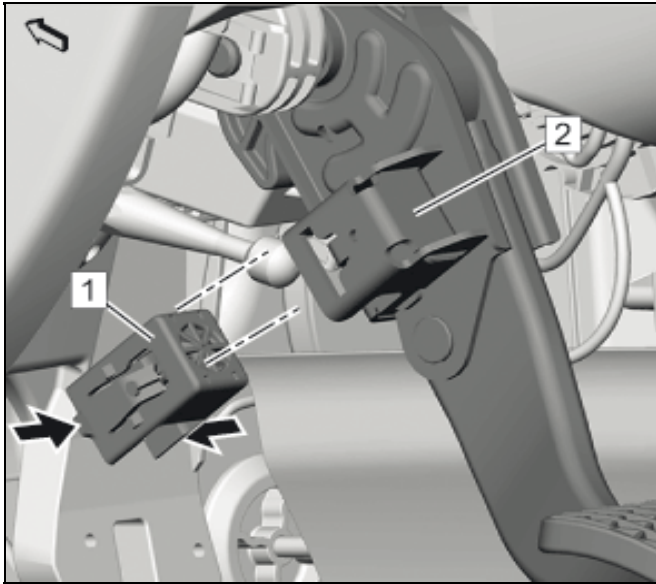
Important: DO NOT remove the brake master cylinder reservoir to get access to the power brake booster bolts.

2. Remove the brake pedal position sensor. **The brake pedal sensor MUST be removed.** Refer to *Brake Pedal Position Sensor* in SI.



3. Disconnect the brake pedal push rod (1) from the brake pedal (2). Press the two tabs of the brake pedal push rod retainer (3) together and pull the brake pedal to facilitate the removal.

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4. Remove and **DISCARD** the brake pedal push rod retainer (1) from the brake pedal (2).
5. Install the **NEW** brake pedal push rod retainer into the brake pedal by hand using reasonable effort.

Note: All retainers should have a small amount of grease in the pushrod socket area prior to being installed into a vehicle. If not, excess wear could occur resulting in excess clearance and/or noise.

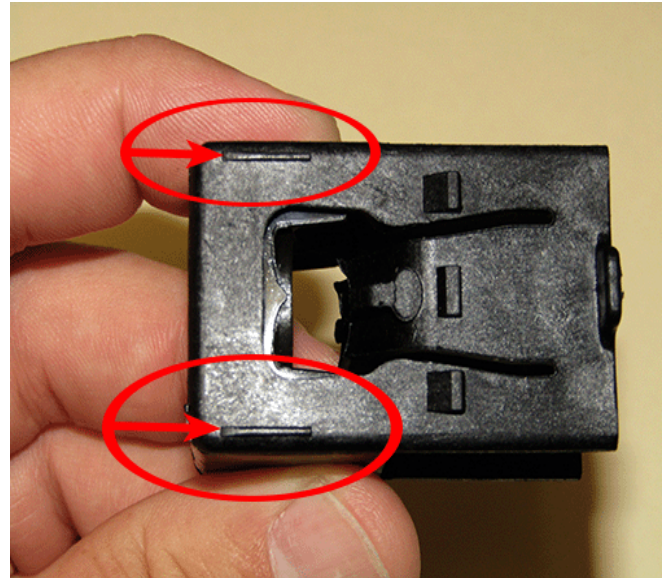
Important: Once installed into a vehicle, the retainer should never be reused if the pushrod is ever disengaged from it again.

Note: If a pedal is "pulled up" with sufficient force to pull out of the pushrod, this will damage the retainer and result in excess play.

6. After replacing the retainer, and BAS sensor the brake pedal should be firmly pushed by foot to ensure the retainer is fully seated into the pedal pocket.

Note: The BAS sensor must be re-installed only **AFTER** the pushrod is installed into the new retainer and **BEFORE** home position re-learn.

7. Home position re-learn **MUST** be done in the BCM and then the ECM **AFTER** replacing the push rod retainer.



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Note: The new retainer has two raised ears on both sides located on the front, which will cause an interference fit when installing.

Parts Information

Description	Part Number	Qty
RETAINER-BRK PED PIV PIN	39081933	1

Warranty Information

For vehicles repaired under the Bumper-to-Bumper coverage (Canada Base Warranty coverage), use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
2480198*	Replacing the Brake Pedal Push Rod Retainer	0.5 hr

*This is a unique Labor Operation for Bulletin use only.

Version	5
Modified	August 22, 2016 – Updated the Service Procedure. March 28, 2017 – Removed the WPC information, added Parts Information and Warranty Information including updated step 2. May 16, 2017 – Updated the Condition, Cause and the Service Procedure. January 19, 2018 – Updated step 7 in the Service Procedure.

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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