

# Service Update

## 17146 Vacuum Pipe Routed Under Brake Lines



Reference Number: N172089110

Release Date: March 2017  
Revision: 00

**Attention:** This service update includes vehicles in dealer inventory and customer vehicles that return to the dealership for any reason. This bulletin will expire at the end of the involved vehicle's New Vehicle Limited Warranty period.

Make	Model	Model Year		RPO	Description
		From	To		
Chevrolet	Equinox	2018	2018	LYX	2.0L Engine

This service update should be performed on vehicles in dealer inventory only. Involved vehicles are marked "open" on the Investigate Vehicle History screen in GM Global Warranty Management system. This site should always be checked to confirm vehicle involvement prior to beginning any required inspections and/or repairs.

<b>Condition</b>	Certain 2018 model year Chevrolet Equinox vehicles equipped with a 2.0L engine (RPO LYX), may have a misrouted power brake booster vacuum pipe that could abrade due to the contact with the steel brake lines over time.
<b>Correction</b>	Dealers are to inspect the power brake booster vacuum pipe for contact with the brake lines, and if necessary, re-route the vacuum pipe as required.

### Parts

No parts are required for this procedure.

### Warranty Information

Labor Operation	Description	Labor Time	Trans. Type	Net Item
9103098	Verify Power Brake Booster Vacuum Pipe Routing (inc rerouting if req'd) Add: Replace Power Brake Booster Vacuum Pipe	0.2 0.1	ZFAT	N/A

### Service Procedure

1. Open the hood and install fender covers.



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2. Locate the power brake booster vacuum pipe (1).

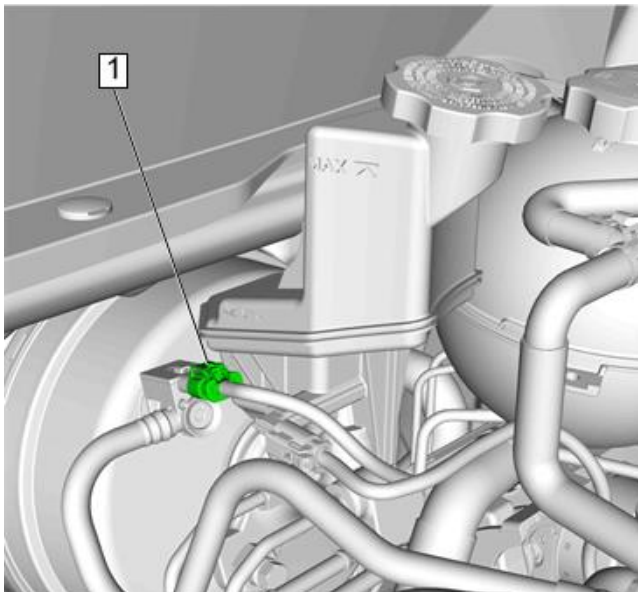
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3. Verify the power brake booster vacuum pipe is NOT contacting the brake lines and is routed properly.
  - If the power brake booster vacuum pipe is NOT contacting the brake lines and is routed properly, no further action is required.
  - If the power brake booster vacuum pipe is contacting the brake lines or is NOT routed properly, inspect the power brake booster vacuum pipe for damage.
    - If the power brake booster vacuum pipe is NOT damaged, proceed to the next step.
    - If the power brake booster vacuum pipe is damaged, replace the power brake booster vacuum pipe and proceed to the next step. Refer to *Power Brake Booster Vacuum Pipe Replacement (LYX)* in SI.



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4. Route the power brake booster vacuum pipe as shown above. The power brake booster vacuum sensor electrical connector (1) MUST be horizontal and the vacuum pipe pointing away from the master cylinder for it to be properly routed.
5. Remove fender covers and close hood.

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### Dealer Responsibility

Whenever a vehicle subject to this service update enters your vehicle inventory, or is in your facility for service in the future, and the vehicle is still covered under the New Vehicle Limited Warranty, you must take the steps necessary to be sure the service update correction has been made before selling or releasing the vehicle.

All new, used, GM Certified Used, courtesy transportation vehicles, dealer shuttle vehicles, etc. in dealers' possession and subject to this bulletin must be held and inspected/repaired per the service procedure of this bulletin before customers take possession of these vehicles. Involved vehicles must be held and not delivered to customers, dealer-traded, released to auction, used for demonstration, or any other purpose.

All GM Certified Used vehicles currently in the dealers' inventory within the Certified Pre-Owned Inventory System (CPOIS) will be de-certified and must be held and remedied per the service procedure in this bulletin. Upon submitting an accepted/paid warranty transaction in the Global Warranty Management (GWM) system, the vehicle can be re-certified for sale within the CPOIS system, or once again be used in the CTP program.

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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 tools, equipment, 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 dealer for information on whether your vehicle may benefit from the information.



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DCS4401  
URGENT - DISTRIBUTE IMMEDIATELY

Date: March 29, 2017  
Subject: 17146 - Service Update  
Vacuum Pipe Routed Under Brake Lines  
Models: 2018 Chevrolet Equinox  
Equipped with 2.0L Engine (RPO LYX)  
To: All General Motors Dealers

General Motors is releasing Service Update 17146 today. The total number of U.S. vehicles involved is 32. Please see the attached bulletin for details.

**Global Warranty Management (GWM)**

The Investigate Vehicle History (IVH) screen in the GWM system will be updated March 31, 2017. A list of involved vehicles in dealer new inventory is attached to this message. Please hold all warranty transactions until the VIN appears in IVH.

END OF MESSAGE  
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