

Service Update

17197 Malfunction Indicator Lamp



Reference Number: N172085030

Release Date: June 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	Volt	2016	2017		

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.

Condition	Some 2016-2017 model year Chevrolet Volt vehicles may have contact between an evaporative emission pipe and air conditioning (A/C) hose. Over time, such contact may wear a hole into the pipe causing a malfunction indicator lamp (MIL) to illuminate and diagnostic trouble code (DTC) P0442 may set.
Correction	Inspect the pipe for wear, install a bumper on the pipe; and if necessary, replace the purge pipe.

Parts

Quantity	Part Name	Part No.
1	Evaporative Emission Hose Protector	84308760
1 (If Req'd)	Evaporative Emission Pipe	84266671
6 (If Req'd)	Drivetrain and Front Suspension Cradle Bolt	11547242
1 (If Req'd)	Transmission Mount Strut Bolt	11589277
2 (If Req'd)	Exhaust Intermediate Muffler Insulator	20959239
1 (If Req'd)	Exhaust Rear Bracket	23275820
2 (If Req'd)	Rear Shock Absorber Bolt	11589278
6 (If Req'd)	Rear Axle Bolt	11548419
2 (If Req'd)	DEX-COOL® (Premix 50/50 with deionized water)	12378390 (US) 10953456 (Canada)

Note: Use the VIN and the GM Electronic Parts Catalog (EPC) to determine which part numbers to order.

Due to limited quantities all parts, except for the evaporative emission hose protector, should only be ordered when evaporative emission pipe inspection determines that it is necessary to replace the evaporative emission pipe. Dealers are encouraged NOT to order program parts for use as shelf stock.

Reminder: Parts may be removed from Retail Inventory Management (RIM). Dealers should review the affected parts to confirm RIM managed status.

Warranty Information

Labor Operation	Description	Labor Time	Trans. Type	Net Item
9103186	Inspect Evaporative Emission Pipe and/or Install Evaporative Emission Hose Protector – No Further Action Required	0.2	ZFAT	N/A
9103187	Evaporative Emission Pipe Replacement (includes inspection)	8.2	ZFAT	N/A

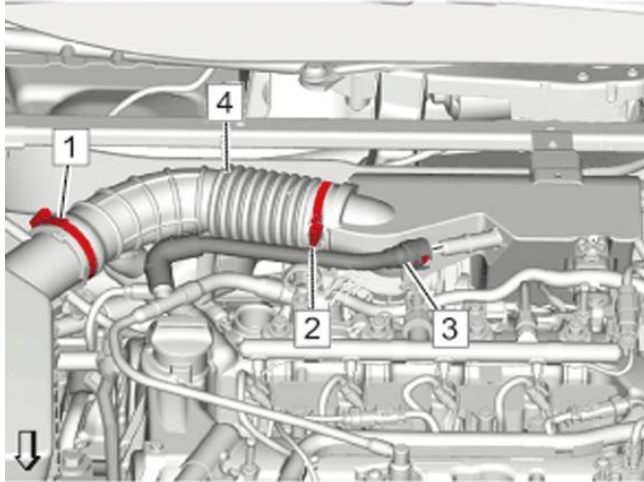
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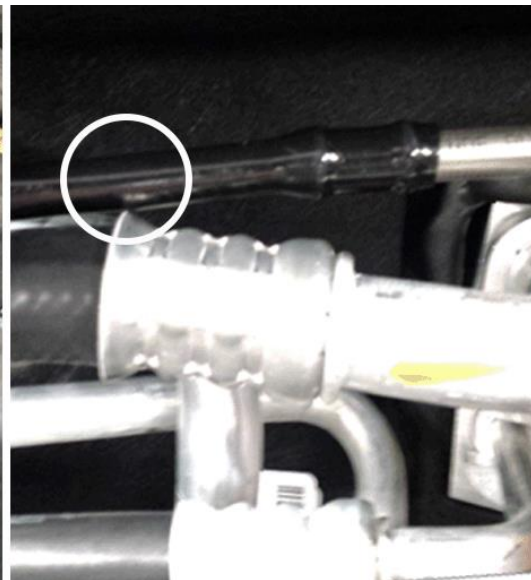
Service Procedure

1. Remove the intake manifold cover. Refer to *Intake Manifold Cover Replacement* in SI.



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2. Remove the positive crankcase ventilation (PCV) tube (3). Refer to *Plastic Collar Quick Connect Fitting Service* in SI.
3. Remove the air cleaner outlet tube (4) from the air cleaner outlet duct assembly by loosening the clamps (1, 2).

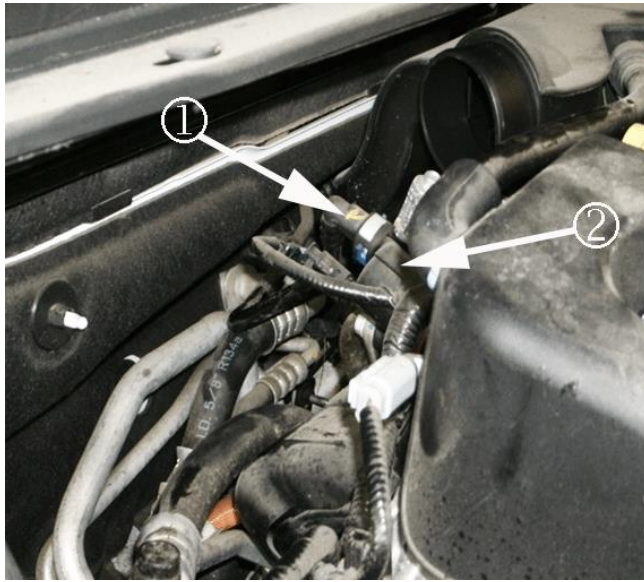


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4. Locate the area in question on the evaporative emission pipe.

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5. Disconnect the evaporative emission pipe (1) from the evaporative emission canister purge solenoid valve (2). Refer to *Plastic Collar Quick Connect Fitting Service* in SI.

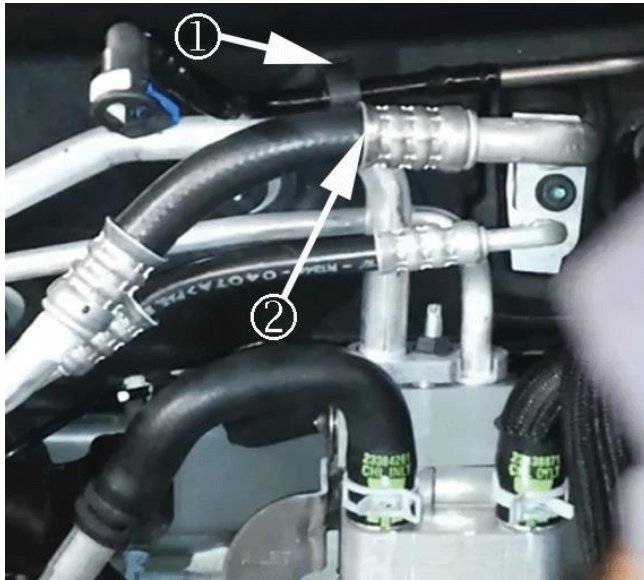


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6. Using an inspection mirror, inspect the underside of the evaporative emission pipe for evidence of damage.
 - If the evaporative emission pipe does NOT show any signs of damage, proceed to the next step.
 - If the evaporative emission pipe shows signs of damage, replace the evaporative emission pipe. Refer to *Evaporative Emission Pipe Replacement* in SI.

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Note: On some vehicles the evaporative emission hose protector may not touch the air conditioning evaporator hose. This is an acceptable condition. On a very small population of vehicles the evaporative emission hose protector may already be installed.

7. Install an evaporative emission hose protector (1) on the evaporative emission pipe. Position the evaporative emission hose protector directly adjacent to the ferrule edge (2) of the air conditioning evaporator hose. Ensure the evaporative emission hose protector is resting on the rubber portion of the air conditioning evaporator hose to prevent the evaporative emission pipe from coming into contact with the air conditioning evaporator hose.
8. Connect the evaporative emission pipe to the evaporative emission canister purge solenoid valve. Refer to *Plastic Collar Quick Connect Fitting Service* in SI.
9. Install the air cleaner outlet tube.
10. Install the PCV tube.
11. Install the intake manifold cover. Refer to *Intake Manifold Cover Replacement* in SI.

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/repared 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.



GLOBAL SAFETY FIELD INVESTIGATIONS
DCS4490
URGENT - DISTRIBUTE IMMEDIATELY

Date: June 28, 2017
Subject: 17197 - Service Update
Malfunction Indicator Lamp
Models: 2016-2017 Chevrolet Volt
To: All General Motors Dealers

General Motors is releasing Service Update 17197 today. The total number of U.S. vehicles involved is approximately 30,220. Please see the attached bulletin for details.

Global Warranty Management (GWM)

The Investigate Vehicle History (IVH) screen in the GWM system will be updated June 29, 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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