



# Technical Service Bulletin

SUBJECT:		No:	<b>TSB-19-17-001</b>
<b>REPAIR PROCEDURE FOR FUEL SMELL CONCERN ON ECLIPSE CROSS</b>		DATE:	<b>December 2019</b>
		MODEL:	<b>2018-20 Eclipse Cross</b>
<b>CIRCULATE TO:</b>	<input type="checkbox"/> GENERAL MANAGER	<input checked="" type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> TECHNICIAN
<input checked="" type="checkbox"/> SERVICE ADVISOR	<input checked="" type="checkbox"/> SERVICE MANAGER	<input checked="" type="checkbox"/> WARRANTY PROCESSOR	<input type="checkbox"/> SALES MANAGER

## PURPOSE

A customer may report a fuel smell coming from the HVAC vents when the engine is ON and recirculation mode is OFF. This may be caused by some fuel residue in the inside wall of the breather hose permeating through the outside of the hose. Starting with 2020 model year vehicles, the breather hose material has been changed to a high fuel permeation resistance type, eliminating the chance of the fuel smell coming through the hose.

This TSB instructs dealers to replace the breather hose and the vacuum pipe and hose assembly.

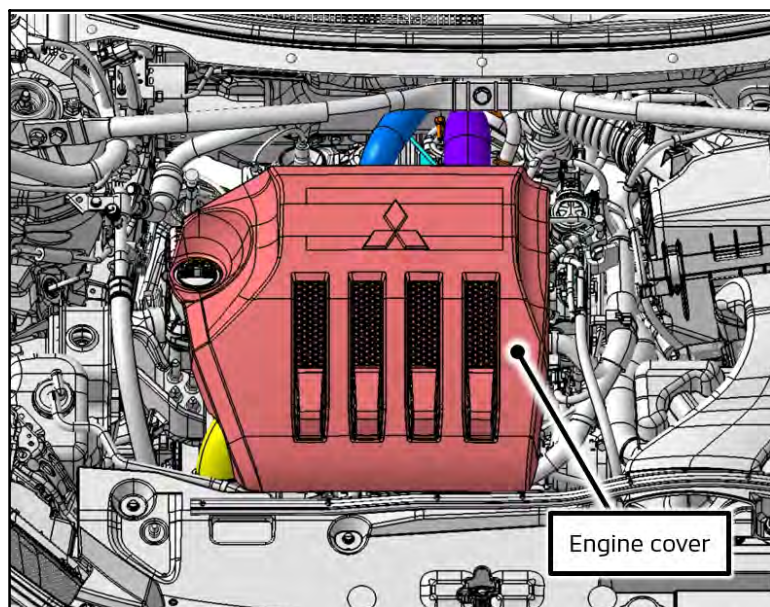
## AFFECTED VEHICLES

2018 - 2020 Eclipse Cross vehicles built **before** June 11, 2019 and the following VINs:

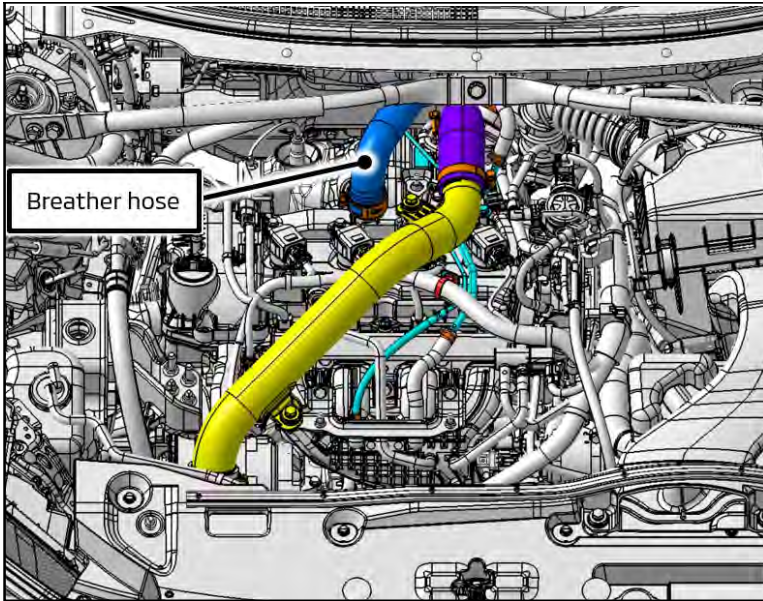
- U.S.: JA4AT3AA6LZ000776
- Canada: JA4AT3AA0LZ600726

## REPAIR PROCEDURE

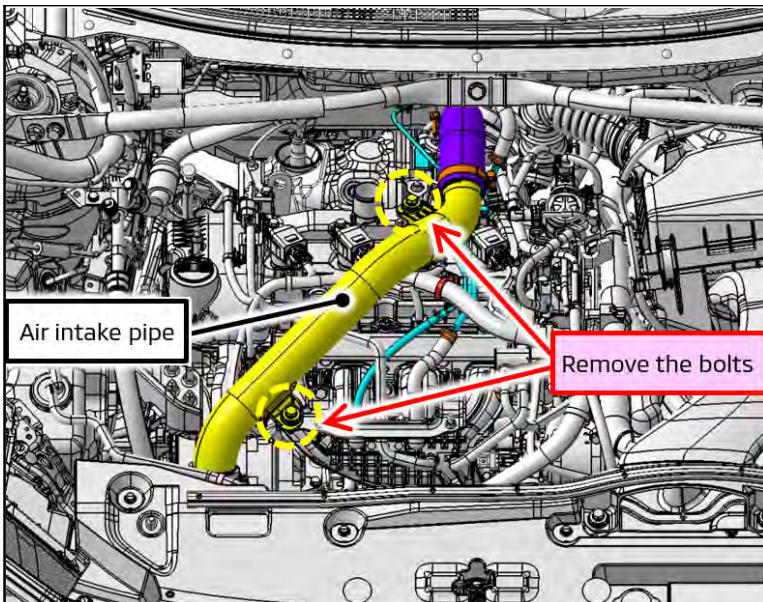
### Removal



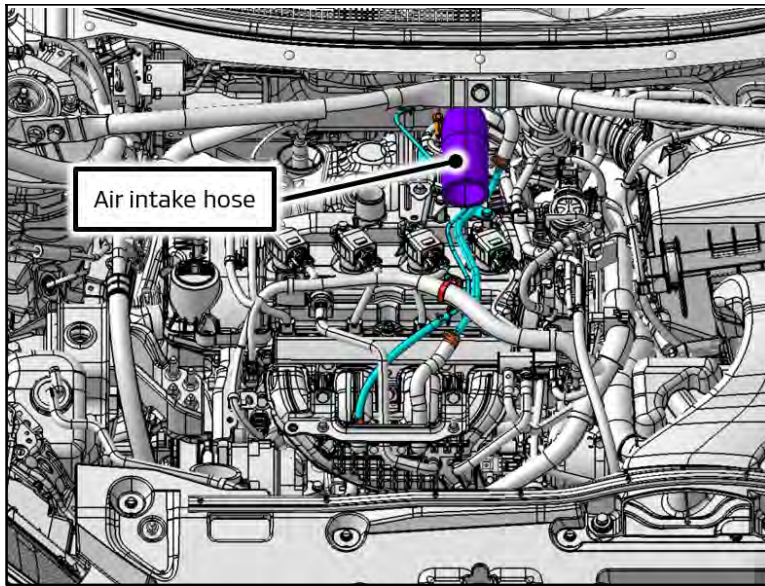
1. Remove the engine cover.



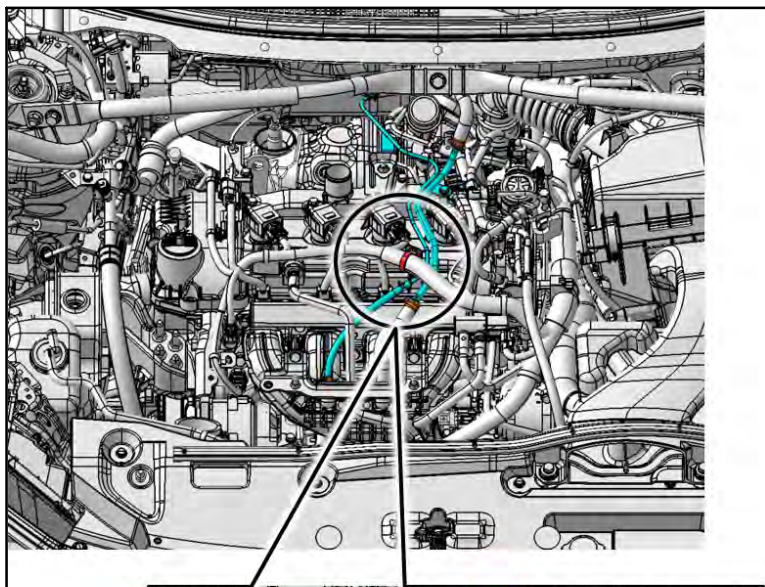
2. Remove the breather hose.



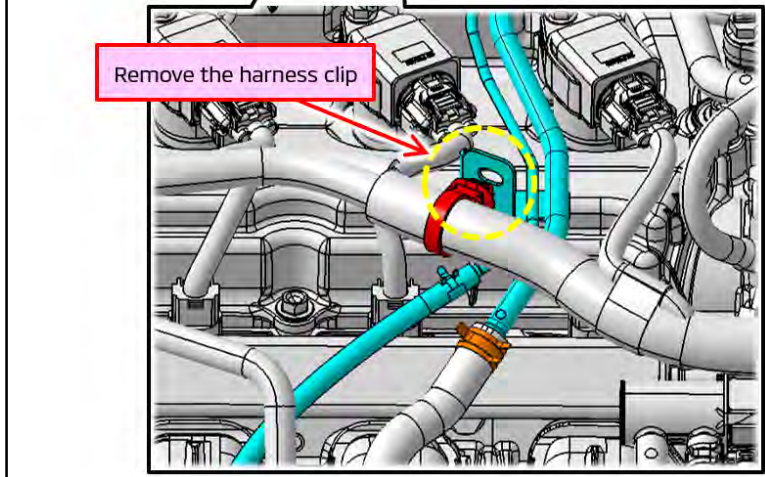
3. Remove the air intake pipe.  
Loosen the hose clamps on both ends, then remove the 2 bolts.

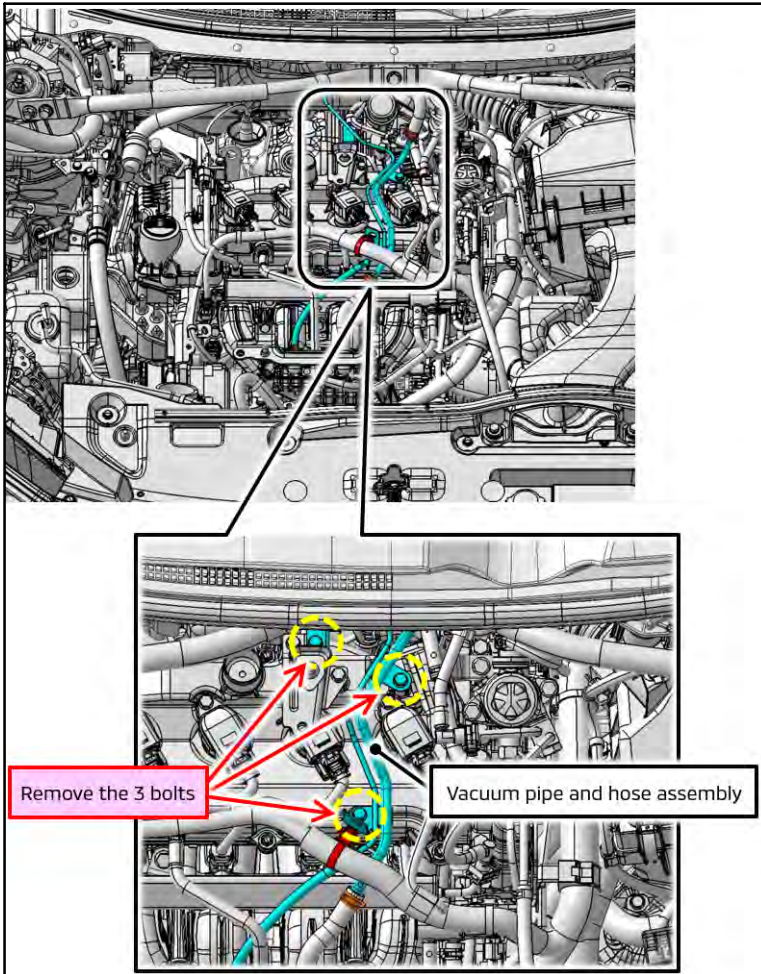


4. Remove the air intake hose.



5. Remove the harness clip.

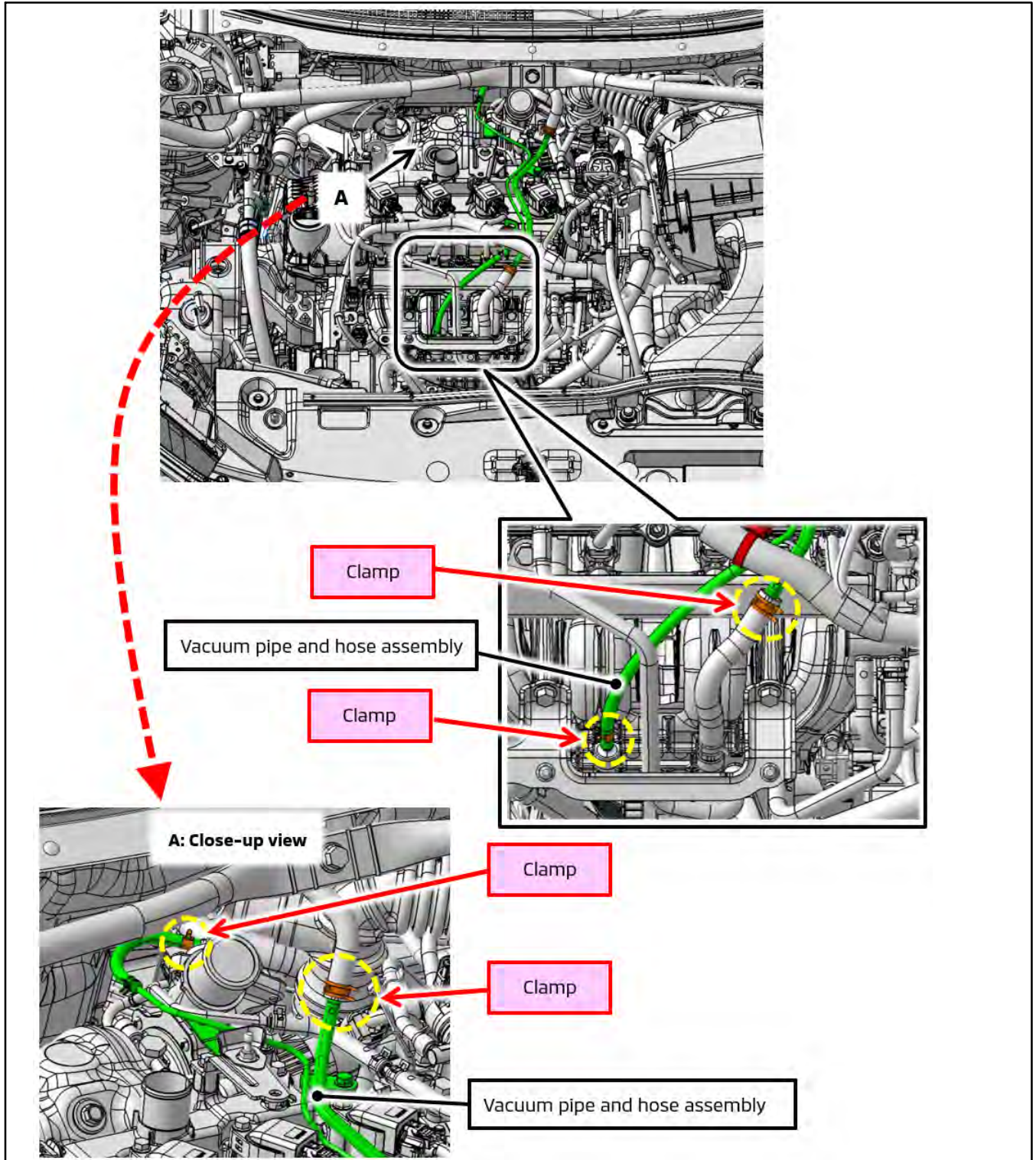




6. Remove the vacuum pipe and hose assembly.

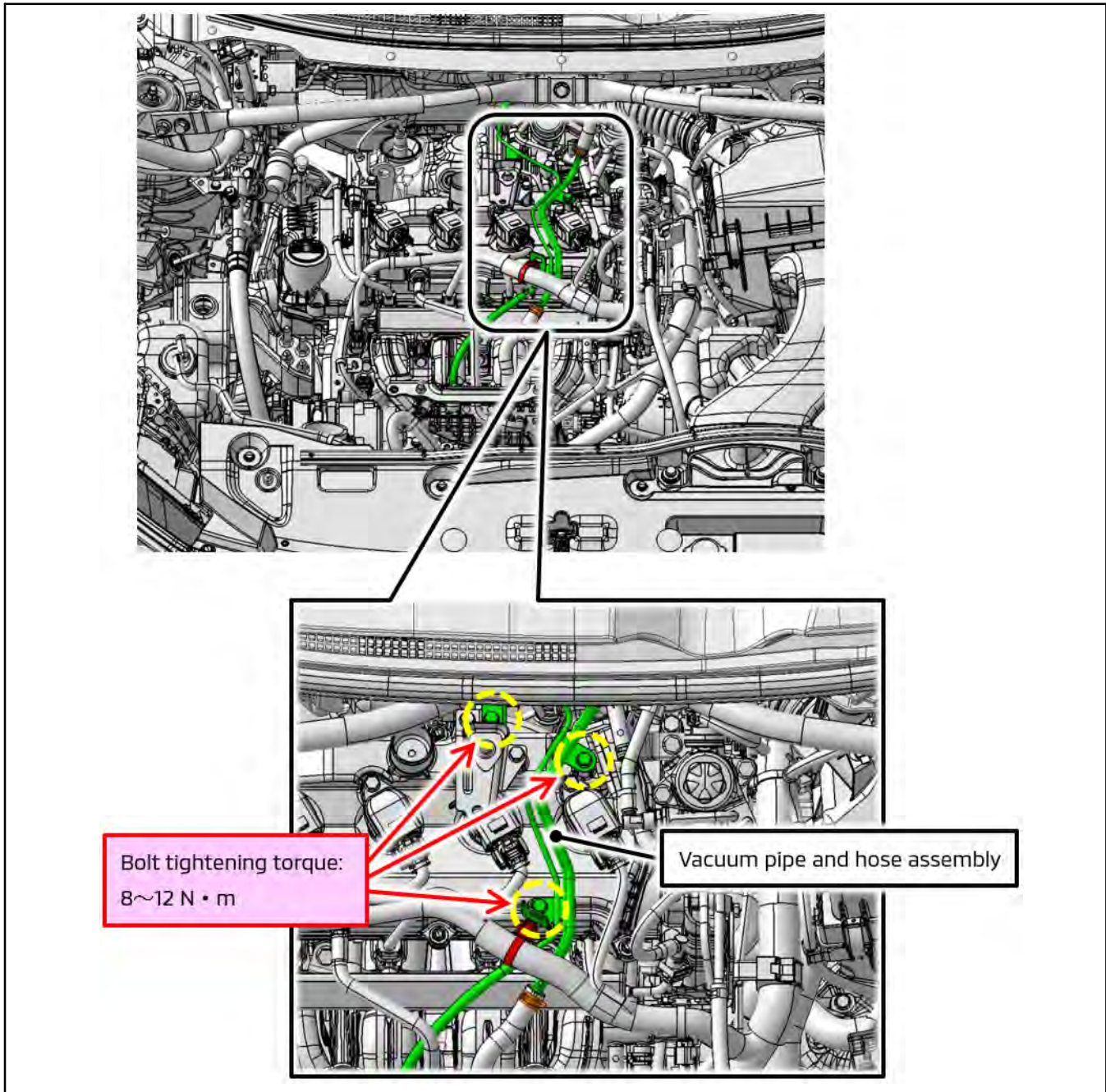
**Installation**

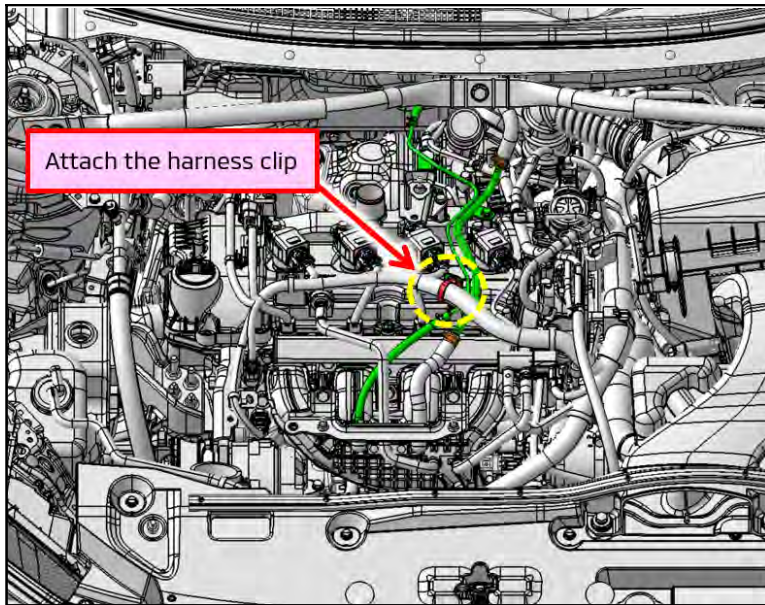
7. Attach the new vacuum pipe and hose assembly (p/n 1632A450).
  - a. Install and tighten the clamps on the new vacuum pipe and hose assembly as shown.



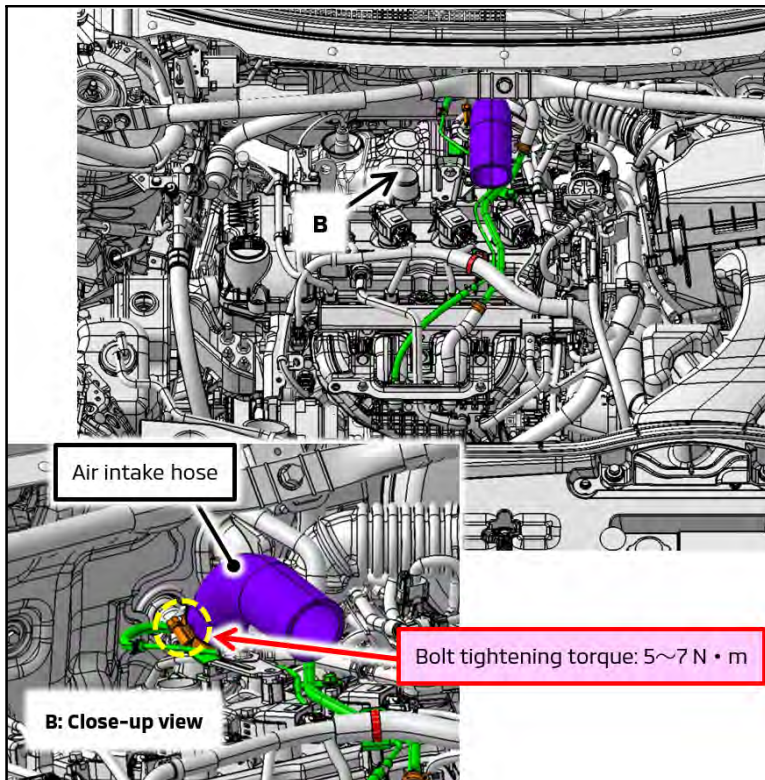
b. Tighten the 3 bolts.

- **Bolt tightening torque: 8 - 12 N\*m**



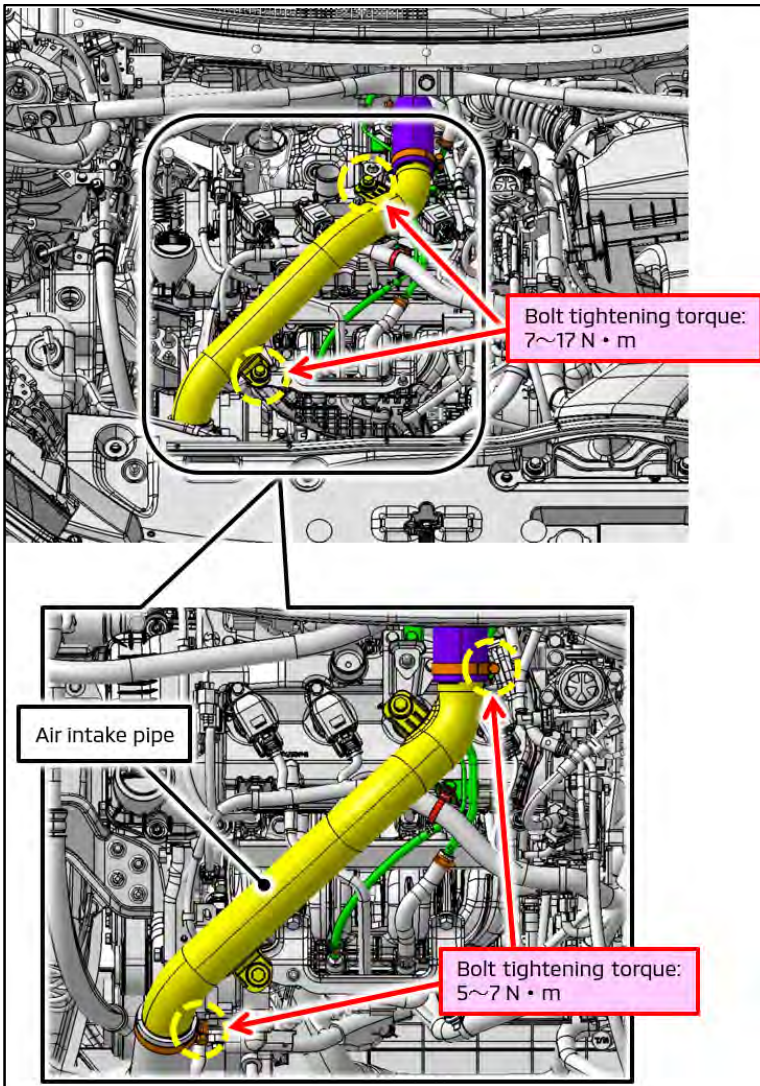


8. Attach the harness clip.



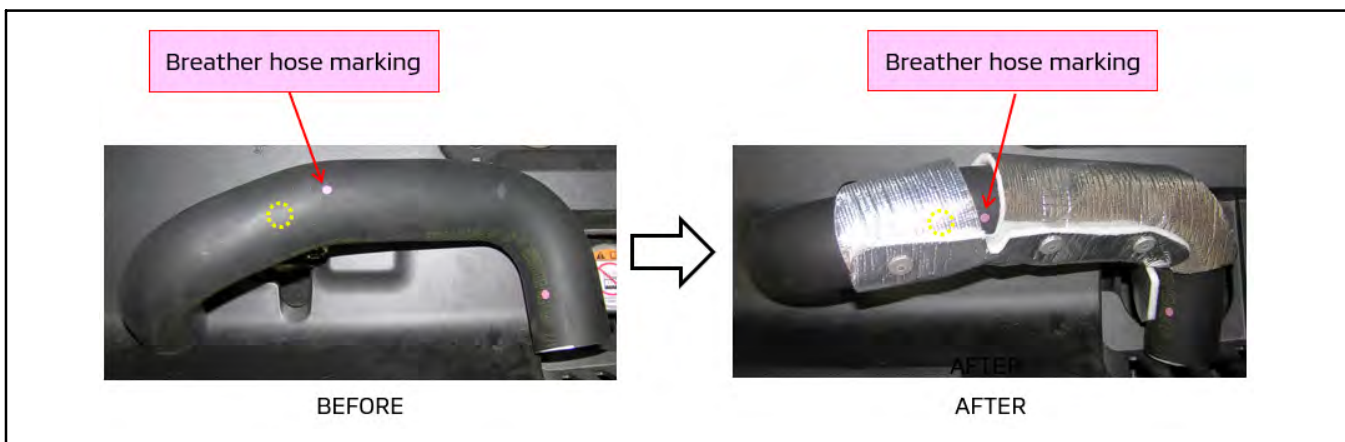
9. Attach the air intake hose.

- Bolt tightening torque: 5 - 7 N\*m



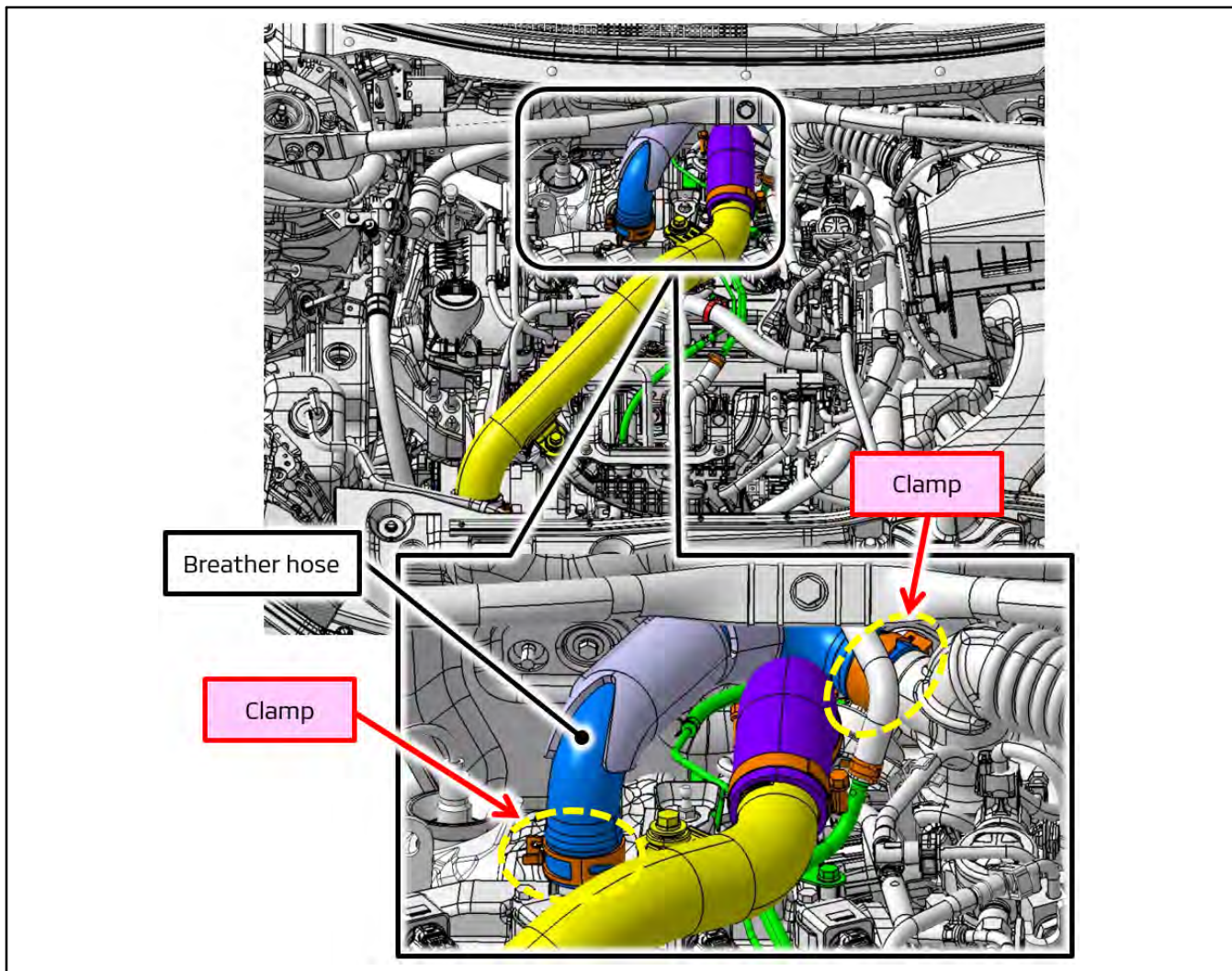
10. Attach the air intake pipe.
  - a. Tighten the clamps.
    - **Clamp tightening torque:**  
**5 - 7 N\*m**
  - b. Reinstall and tighten the 2 bolts for the pipe.
    - **Bolt tightening torque:**  
**7 - 17 N\*m**

11. Attach the hose protector (p/n 1035B467) to the breather hose (p/n 1035B477) as shown.

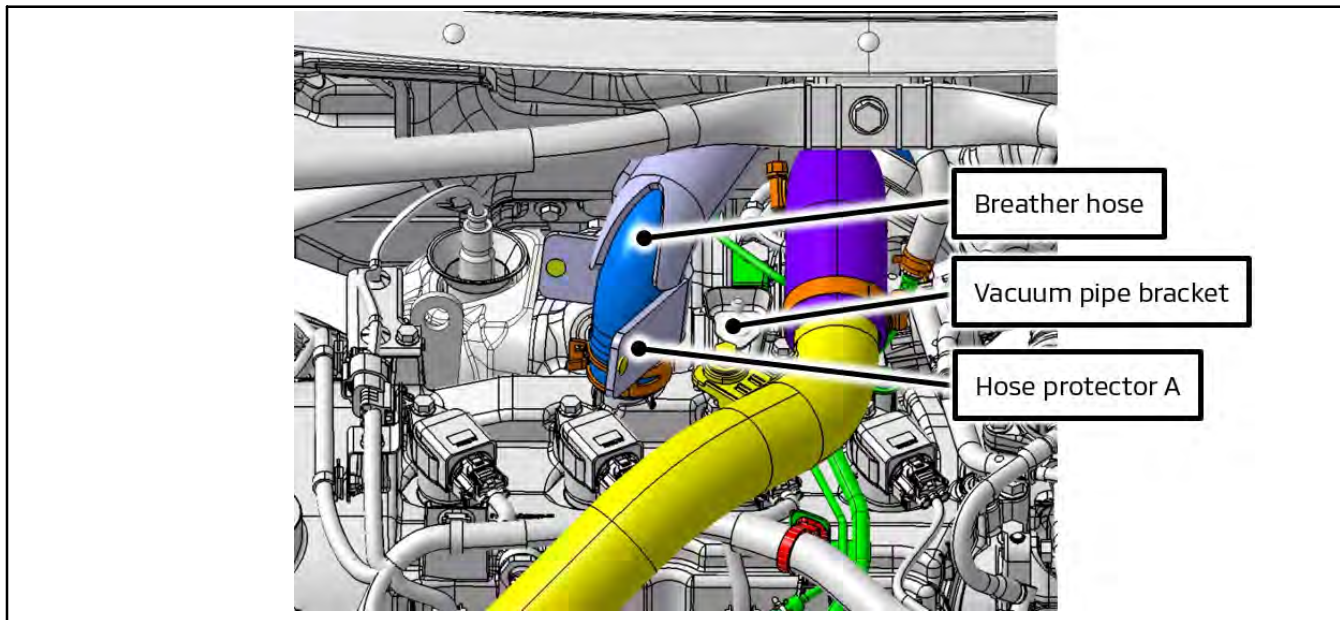




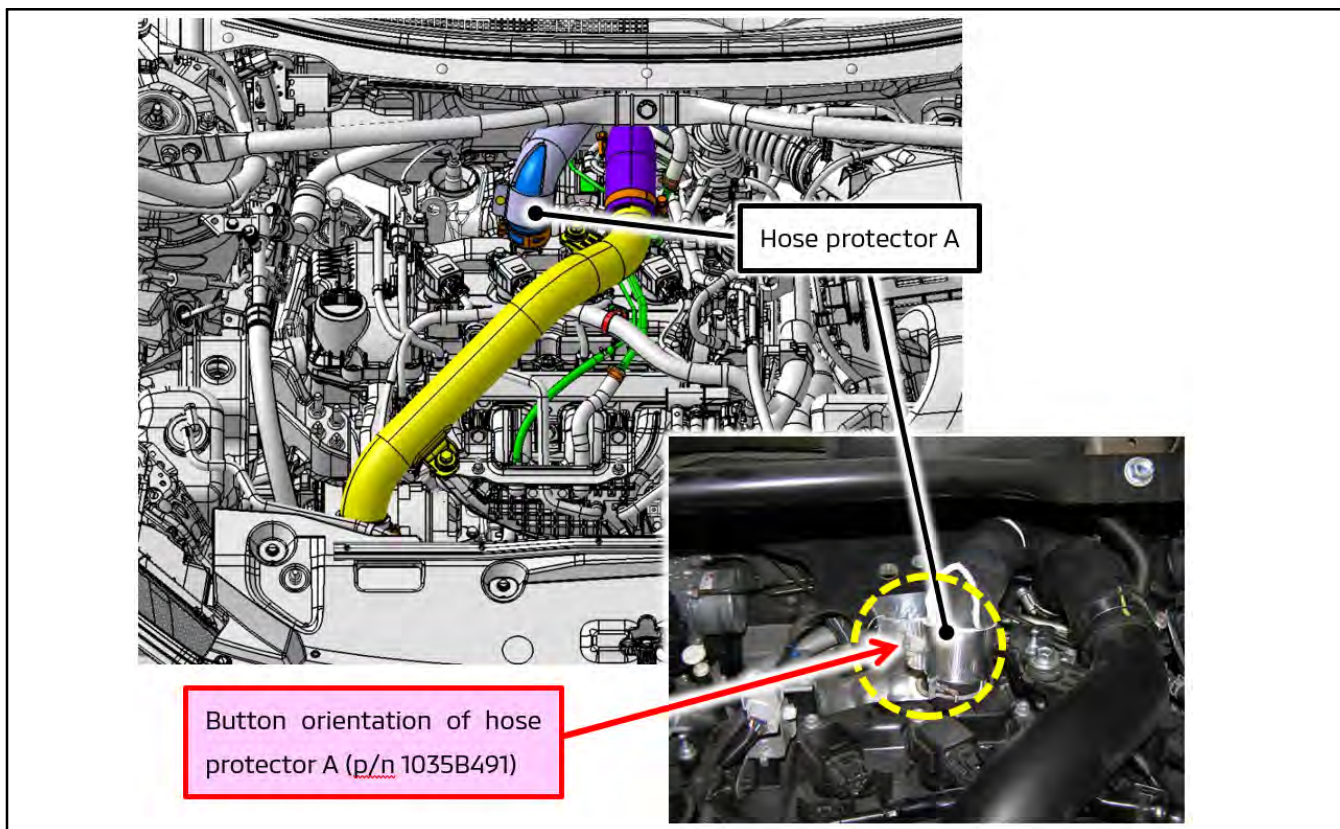
12. Attach the breather hose (p/n 1035B477) with protector attached.



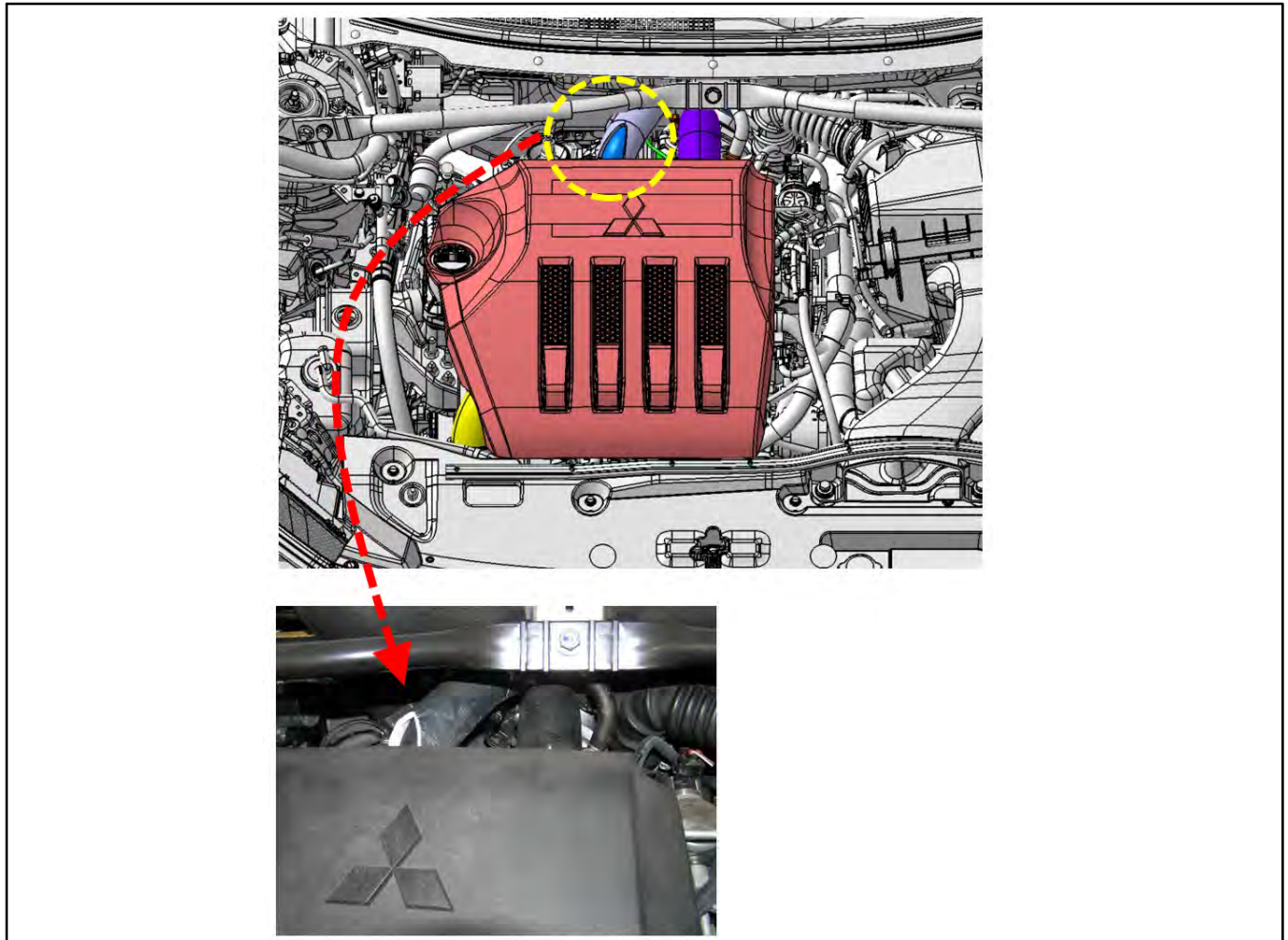
13. Pass hose protector A (p/n 1035B491) between the vacuum pipe bracket and the breather hose.



14. Fasten the hose protector A (p/n 1035B491) so that the button part comes in front of the engine as shown.



15. Reattach the engine cover.



## PARTS INFORMATION

Order only the Genuine Mitsubishi Parts listed below.

Description	New Part Number	Old Part Number	Quantity
Vacuum Pipe & Hose Assembly	<b>1632A450</b>	1632A404	1
Breather Hose	<b>1035B477</b>	1035B363	1
Hose Protector	<b>1035B467</b>	-	1
Hose Protector A	<b>1035B491</b>	-	1

## WARRANTY INFORMATION

This bulletin is supplied as technical information only and is not an authorization to repair. If an affected vehicle is reported with the described condition, diagnose the condition, repair as described in this bulletin and submit a normal warranty claim using the following information.

Labor Operation Code	Operation	Nature Code	Cause Code	Time Allowance
173630WY	Replace Breather Hose and Vacuum Pipe & Hose Assembly	70D	890	0.6 hrs

Warranty Coverage: 5/60 Emissions Coverage (Canada: 5/100)